

SERPICO SEBASTIANO

Overview

? Unit: ICT
? Role: Professore ordinario
? Grade: Prof.Ordinario DPR 232/11 art.2 - t.pieno - cl. 7
? SSD: IINF-03/A (Telecomunicazioni)
? Scopus ID: 7005306316
? Unige Id: 053423
? Retrieved at: 2025-11-14T15:18:01.472506

Contact

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? Phone: +39 010 33 52752
? Website: <http://spt.dibe.unige.it/IPRS/serpico.html>
? Page: <https://rubrica.unige.it/personale/VUZEX1hq>
? Locations: Opera Pia - padiglione C (Ex CNR) (ED161450501), 1° piano, US161450501.I.022;
Campus di Savona - palazzina Delfino (ED171000105), 1° piano, US171000105.I.047

Career

? Po, 2012-05-01 ? 2222-02-02

Responsibilities

? Title: Presidente
? Unit: Scuola superiore dell'Universit  degli Studi di Genova - IANUA
? Period: 2025-02-23 ? 2027-10-31

? Title: Componente del Consiglio direttivo
? Unit: Scuola superiore dell'Universit  degli Studi di Genova - IANUA
? Period: 2025-02-23 ? 2027-10-31

Teaching

2025

? Segnali E Sistemi Per Le Telecomunicazioni (72512), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Seminari 2025-2026 (116528), Isb Lm - Indirizzo Scienze Biomediche
? Remote Sensing (94666), Lm-26 - Engineering For Natural Risk Management
? Remote Sensing (94666), Lm-26 - Engineering For Natural Risk Management
? Machine Learning For Pattern Recognition (104852), Lm-27 - Internet And Multimedia Engineering

2024

? Segnali E Sistemi Per Le Telecomunicazioni (72512), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Machine Learning For Pattern Recognition (104852), Lm-27 - Internet And Multimedia Engineering
? Seminari 2024-2025 (116528), Sts PI-In2 - Indirizzo Scienze E Tecnologie Della Sostenibilit 
? Seminari 2024-2025 (116528), Sts Lm - Indirizzo Scienze E Tecnologie Per La Sostenibilit 
? Seminari 2024-2025 (116528), Sts Lm - Indirizzo Scienze E Tecnologie Per La Sostenibilit 
? Remote Sensing Of Natural Disasters (94666), Lm-26 - Engineering For Natural Risk Management

? Remote Sensing Of Natural Disasters (94666), Lm-26 - Engineering For Natural Risk Management
? Seminari 2024-2025 (116528), Stsi PI - Indirizzo Scienze E Tecnologie Per La Societa' Dell'Informazione
? Seminari 2024-2025 (116528), Sts PI - Indirizzo Scienze E Tecnologie Della Sostenibilita'
? Seminari 2024-2025 (116528), Isb PI6 - Indirizzo Scienze Biomediche Cu

2023

? Segnali E Sistemi Per Le Telecomunicazioni (72512), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Machine Learning For Pattern Recognition (104852), Lm-27 - Internet And Multimedia Engineering
? Remote Sensing Of Natural Disasters (94666), Lm-26 - Engineering For Natural Risk Management
? Seminari 2023-2024 (110994), Sts PI - Indirizzo Scienze E Tecnologie Della Sostenibilita'

2022

? Segnali E Sistemi Per Le Telecomunicazioni (72512), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Machine Learning For Pattern Recognition (104852), Lm-27 - Internet And Multimedia Engineering
? Seminari 2022-2023 (110994), Isb PI-In2 - Indirizzo Scienze Biomediche
? Seminari 2022-2023 (110994), Isb PI-In2 - Indirizzo Scienze Biomediche
? Seminari 2022-2023 (110994), Sts PI-In2 - Indirizzo Scienze E Tecnologie Della Sostenibilita'
? Seminari 2022-2023 (110994), Sts PI-In2 - Indirizzo Scienze E Tecnologie Della Sostenibilita'
? Seminari 2022-2023 (110994), Stsi PI-In2 - Indirizzo Scienze E Tecnologie Per La Societa' Dell'Informazione
? Seminari 2022-2023 (110994), Stsi PI-In2 - Indirizzo Scienze E Tecnologie Per La Societa' Dell'Informazione
? Seminari 2022-2023 (110994), Iss PI-In2 - Indirizzo Scienze Sociali
? Seminari 2022-2023 (110994), Iss PI-In2 - Indirizzo Scienze Sociali
? Seminari 2022-2023 (110994), Isupac PI-In2 - Indirizzo Studi Umanistici E Patrimonio Culturale
? Seminari 2022-2023 (110994), Isupac PI-In2 - Indirizzo Studi Umanistici E Patrimonio Culturale
? Seminari 2022-2023 (110994), Isb Lm - Indirizzo Scienze Biomediche
? Seminari 2022-2023 (110994), Isb Lm - Indirizzo Scienze Biomediche
? Seminari 2022-2023 (110994), Sts Lm - Indirizzo Scienze E Tecnologie Per La Sostenibilita'
? Seminari 2022-2023 (110994), Sts Lm - Indirizzo Scienze E Tecnologie Per La Sostenibilita'
? Seminari 2022-2023 (110994), Stsi Lm - Indirizzo Scienze E Tecnologie Per La Societa' Dell'Informazione
? Seminari 2022-2023 (110994), Stsi Lm - Indirizzo Scienze E Tecnologie Per La Societa' Dell'Informazione
? Seminari 2022-2023 (110994), Iss Lm - Indirizzo Scienze Sociali
? Seminari 2022-2023 (110994), Iss Lm - Indirizzo Scienze Sociali
? Seminari 2022-2023 (110994), Isupac Lm - Indirizzo Studi Umanistici E Patrimonio Culturale
? Seminari 2022-2023 (110994), Isupac Lm - Indirizzo Studi Umanistici E Patrimonio

Culturale

? Remote Sensing Of Natural Disasters (94666), Lm-26 - Engineering For Natural Risk Management

? Seminari 2022-2023 (110994), Isb PI - Indirizzo Scienze Biomediche

? Seminari 2022-2023 (110994), Isb PI - Indirizzo Scienze Biomediche

? Seminari 2022-2023 (110994), Isupac PI - Indirizzo Studi Umanistici E Patrimonio Culturale

? Seminari 2022-2023 (110994), Isupac PI - Indirizzo Studi Umanistici E Patrimonio Culturale

? Seminari 2022-2023 (110994), Iss PI - Indirizzo Scienze Sociali

? Seminari 2022-2023 (110994), Iss PI - Indirizzo Scienze Sociali

? Seminari 2022-2023 (110994), Stsi PI - Indirizzo Scienze E Tecnologie Per La Societa' Dell'Informazione

? Seminari 2022-2023 (110994), Stsi PI - Indirizzo Scienze E Tecnologie Per La Societa' Dell'Informazione

? Seminari 2022-2023 (110994), Sts PI - Indirizzo Scienze E Tecnologie Della Sostenibilita'

? Seminari 2022-2023 (110994), Sts PI - Indirizzo Scienze E Tecnologie Della Sostenibilita'

2021

? Segnali E Sistemi Per Le Telecomunicazioni (72512), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Machine Learning For Pattern Recognition (104852), Lm-27 - Internet And Multimedia Engineering

? Remote Sensing Of Natural Disasters (94666), Lm-26 - Engineering For Natural Risk Management

2020

? Segnali E Sistemi Per Le Telecomunicazioni (72512), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Machine Learning For Pattern Recognition (104852), Lm-27 - Internet And Multimedia Engineering

? Remote Sensing Of Natural Disasters (94666), Lm-26 - Engineering For Natural Risk Management

? Prova Finale (105815), Change Management

? Tirocinio (105776), Change Management

Scopus Metrics

? absolute; Docs: 275; Journals: 87; Conferences: 167; Citations: 6634; H-index: 41

? 15 years (2010-2025); Docs: 114; Journals: 33; Conferences: 72; Citations: 2167; H-index: 20

? 10 years (2015-2025); Docs: 70; Journals: 21; Conferences: 42; Citations: 1036; H-index: 14

? 05 years (2020-2025); Docs: 35; Journals: 12; Conferences: 21; Citations: 359; H-index: 8

Scopus Products

1.

? Title: Manifold Learning and Deep Generative Networks for Heterogeneous Change Detection From Hyperspectral and Synthetic Aperture Radar Images

? Venue: IEEE Geoscience and Remote Sensing Letters

? Year: 2025

? Type: Journal

? Subtype: Article
? Citations: 2
? Doi: 10.1109/Lgrs.2024.3496567
? Scopus ID: 2-s2.0-86000373689
? Issn: 1545598x
? eISSN: 15580571
? Volume: 22
? Authors: Masari Ignacio; Moser Gabriele; Serpico Sebastiano B.
? Keywords: Deep learning | dimensionality reduction | heterogeneous change detection (CD) | hyperspectral images (HSIs) | image-to-image translation | manifold learning | synthetic aperture radar (SAR)
? Quartile:
2025:
? Geotechnical Engineering and Engineering Geology (Q1, rank 22, percentile 91)
? Electrical and Electronic Engineering (Q1, rank 90, percentile 91)
? Source Id: 17259
? Author Ids: 58736406900;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Masari I.

2.

? Title: Probabilistic Fusion Framework Combining CNNs and Graphical Models for Multiresolution Satellite and UAV Image Classification
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
? Year: 2025
? Type: Book Series
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1007/978-3-031-78166-7_19
? Scopus ID: 2-s2.0-85211914595
? Issn: 03029743
? eISSN: 16113349
? Volume: 15302 LnCS
? Pages: 287-303
? Authors: Pastorino Martina; Moser Gabriele; Guerra Fabien; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: deep learning | graphical models | multiresolution imagery | probabilistic fusion | semantic segmentation | UAVs | wildfires
? Quartile:
2025:
? Theoretical Computer Science (Q3, rank 70, percentile 48)
? Computer Science (all) (Q3, rank 129, percentile 46)
? Source Id: 25674
? Author Ids: 57222463026;7101795745;59342817500;7005306316;56211628500
? Authoraffiliationids: 60025153-60032385;60025153;60102127;60025153;60032385
? Corresponding: Pastorino M.

3.

? Title: Multiresolution Fusion and Classification of Hyperspectral and Panchromatic Remote Sensing Images
? Venue: Proceedings 2025 IEEE Cvf Winter Conference on Applications of Computer Vision Workshops Wacvw 2025
? Year: 2025
? Type: Conference Proceeding
? Subtype: Conference Paper

? Citations: 0
? Doi: 10.1109/Wacvw65960.2025.00062
? Scopus ID: 2-s2.0-105005026374
? Pages: 507-516
? Authors: Pastorino Martina; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: classification | crf | fcn | hyperspectral imagery | multiresolution fusion
? Source Id: 21101295029
? Author Ids: 57222463026;7101795745;7005306316;56211628500
? Authoraffiliationids: 60025153;60025153;60025153;60110693
? Corresponding: Pastorino M.

4.

? Title: A Deep Learning Architecture for Unsupervised Feature Extraction from Multimission SAR Time Series
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2024
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Igarss53475.2024.10642220
? Scopus ID: 2-s2.0-85208506096
? Pages: 8383-8387
? Authors: Masari Ignacio; Maggiolo Luca; Moser Gabriele; Serpico Sebastiano B.
? Keywords: deep learning | SAR image time series | unsupervised feature extraction
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2024:
? Earth and Planetary Sciences (all) (Q3, rank 124, percentile 37)
? Computer Science Applications (Q3, rank 709, percentile 25)
? Source Id: 82000
? Author Ids: 58736406900;57207878137;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Masari I.

5.

? Title: Remote Sensing Contributions to Water-Related Risk Management within "Return", the Italian National Program on Environmental Risks in the Next Generation EU Framework
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2024
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Igarss53475.2024.10642881
? Scopus ID: 2-s2.0-85208501960
? Pages: 3744-3748
? Authors: Rajabi Roozbeh; Besio Giovanni; Boni Giorgio; Cauteruccio Arianna; Cremonese Edoardo; Gnecco Ilaria; Moser Gabriele; Serpico Sebastiano B.; Trotter Luca
? Keywords: coastal flooding | drought risk | environmental and climate change | flood risk | Remote sensing
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)

2024:

? Earth and Planetary Sciences (all) (Q3, rank 124, percentile 37)

? Computer Science Applications (Q3, rank 709, percentile 25)

? Source Id: 82000

? Author Ids: 35424383300;9844111300;7004208139;57216365287;24075493900;8850728400;7101795745;7005306316;57886094900

? Authoraffiliationids:

60025153;60025153;60025153;60025153;112224719;60025153;60025153;60025153;112224719

? Corresponding: Rajabi R.

6.

? Title: A Multiresolution Fusion Framework based on Probabilistic Graphical Modeling for Burnt Zones Mapping from Satellite and UAV Imagery

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1109/Igarss53475.2024.10641389

? Scopus ID: 2-s2.0-85204874432

? Pages: 7919-7923

? Authors: Pastorino Martina; Moser Gabriele; Guerra Fabien; Serpico Sebastiano B.; Zerubia Josiane

? Keywords: fires | probabilistic fusion | satellite images | Semantic segmentation | UAV

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2024:

? Earth and Planetary Sciences (all) (Q3, rank 124, percentile 37)

? Computer Science Applications (Q3, rank 709, percentile 25)

? Source Id: 82000

? Author Ids: 57222463026;7101795745;59342817500;7005306316;56211628500

? Authoraffiliationids: 60025153-60032385;60025153;60102127;60025153;60032385

? Corresponding: Pastorino M.

7.

? Title: CRFNet: A Deep Convolutional Network to Learn the Potentials of a CRF for the Semantic Segmentation of Remote Sensing Images

? Venue: IEEE Transactions on Geoscience and Remote Sensing

? Year: 2024

? Type: Journal

? Subtype: Article

? Citations: 8

? Doi: 10.1109/Tgrs.2024.3452631

? Scopus ID: 2-s2.0-85202774976

? Issn: 01962892

? eISSN: 15580644

? Volume: 62

? Authors: Pastorino Martina; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane

? Keywords: Conditional random fields (CRFs) | convolutional neural network (CNN) | fully convolutional network (FCN) | remote sensing | semantic segmentation

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
2024:
? Earth and Planetary Sciences (all) (Q1, rank 7, percentile 96)
? Electrical and Electronic Engineering (Q1, rank 48, percentile 95)
? Source Id: 17360
? Author Ids: 57222463026;7101795745;7005306316;56211628500
? Authoraffiliationids: 60025153-60032385;60025153;60025153;60032385
? Corresponding: Pastorino M.

8.

? Title: Multimission, Multifrequency, and Multiresolution SAR Image Classification Through Hierarchical Markov Models and Convolutional Networks
? Venue: IEEE Geoscience and Remote Sensing Letters
? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 2
? Doi: 10.1109/Lgrs.2024.3414284
? Scopus ID: 2-s2.0-85196080332
? Issn: 1545598x
? eISSN: 15580571
? Volume: 21
? Authors: Pastorino Martina; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: Classification | CNN | fully convolutional network (FCN) | Markov random field (MRF) | multifrequency | multimission | multiresolution | probabilistic graphical model (PGM) | synthetic aperture radar (SAR) imagery
? Quartile:
2025:
? Geotechnical Engineering and Engineering Geology (Q1, rank 22, percentile 91)
? Electrical and Electronic Engineering (Q1, rank 90, percentile 91)
2024:
? Geotechnical Engineering and Engineering Geology (Q1, rank 27, percentile 88)
? Electrical and Electronic Engineering (Q1, rank 129, percentile 86)
? Source Id: 17259
? Author Ids: 57222463026;7101795745;7005306316;56211628500
? Authoraffiliationids: 60025153-60032385;60025153;60025153;60032385
? Corresponding: Pastorino M.

9.

? Title: Heterogeneous change detection with PRISMA and COSMO-SkyMed Second Generation imagery for natural disaster management
? Venue: Proceedings of the European Conference on Synthetic Aperture Radar Eusar
? Year: 2024
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-85193961443
? Issn: 21974403
? Pages: 1271-1275
? Authors: Masari Ignacio; Moser Gabriele; Serpico Sebastiano B.
? Quartile:
2025:
? Instrumentation (Q3, rank 138, percentile 26)
? Signal Processing (Q4, rank 156, percentile 20)
2024:
? Instrumentation (Q4, rank 135, percentile 22)

- ? Signal Processing (Q4, rank 146, percentile 20)
 - ? Source Id: 21100814501
 - ? Author Ids: 58736406900;7101795745;7005306316
 - ? Authoraffiliationids: 60025153;60025153;60025153
 - ? Corresponding: Masari I.
- 10.
- ? Title: Learning CRF potentials through fully convolutional networks for satellite image semantic segmentation
 - ? Venue: Proceedings 17th International Conference on Signal Image Technology and Internet Based Systems Sitis 2023
 - ? Year: 2023
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 1
 - ? Doi: 10.1109/Sitis61268.2023.00023
 - ? Scopus ID: 2-s2.0-85190155954
 - ? Pages: 93-98
 - ? Authors: Pastorino Martina; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
 - ? Keywords: CNN | CRF | FCN | satellite images | semantic segmentation
 - ? Source Id: 21101213846
 - ? Author Ids: 57222463026;7101795745;7005306316;56211628500
 - ? Authoraffiliationids: 60025153-60032385;60025153;60025153;60032385
 - ? Corresponding: Pastorino M.
- 11.
- ? Title: Contextual Classification of Polarimetric Sar Data Through a Complex-Valued Kernel and Global Energy Minimization
 - ? Venue: International Geoscience and Remote Sensing Symposium IGARSS
 - ? Year: 2023
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 0
 - ? Doi: 10.1109/Igarss52108.2023.10283464
 - ? Scopus ID: 2-s2.0-85178329556
 - ? Volume: 2023-July
 - ? Pages: 5954-5957
 - ? Authors: Masari Ignacio; Moser Gabriele; Serpico Sebastiano B.
 - ? Keywords: complex-valued-kernel | MRF | PolSAR | reproducing kernel Hilbert space (RKHS) | SVM
 - ? Quartile:
 - 2025:
 - ? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
 - ? Computer Science Applications (Q3, rank 688, percentile 29)
 - 2023:
 - ? Earth and Planetary Sciences (all) (Q3, rank 131, percentile 33)
 - ? Computer Science Applications (Q4, rank 680, percentile 16)
 - ? Source Id: 82000
 - ? Author Ids: 58736406900;7101795745;7005306316
 - ? Authoraffiliationids: 60025153;60025153;60025153
 - ? Corresponding: Masari I.
- 12.
- ? Title: Classification of Multimission SAR Images Based on Probabilistic Graphical Models and Convolutional Neural Networks
 - ? Venue: International Geoscience and Remote Sensing Symposium IGARSS
 - ? Year: 2023

- ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 1
 - ? Doi: 10.1109/Igarss52108.2023.10283356
 - ? Scopus ID: 2-s2.0-85177999060
 - ? Volume: 2023-July
 - ? Pages: 1420-1423
 - ? Authors: Pastorino Martina; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
 - ? Keywords: CNN | FCN | MRF | multimodal SAR imagery | multisensor | PGM | semantic segmentation
 - ? Quartile:
 - 2025:
 - ? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
 - ? Computer Science Applications (Q3, rank 688, percentile 29)
 - 2023:
 - ? Earth and Planetary Sciences (all) (Q3, rank 131, percentile 33)
 - ? Computer Science Applications (Q4, rank 680, percentile 16)
 - ? Source Id: 82000
 - ? Author Ids: 57222463026;7101795745;7005306316;56211628500
 - ? Authoraffiliationids: 60025153-60032385;60025153;60025153;60032385
 - ? Corresponding: Pastorino M.
- 13.
- ? Title: Multimodal Fusion of Mobility Demand Data and Remote Sensing Imagery for Urban Land-Use and Land-Cover Mapping
 - ? Venue: Remote Sensing
 - ? Year: 2022
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 5
 - ? DOI: 10.3390/rs14143370
 - ? Scopus ID: 2-s2.0-85136386550
 - ? eISSN: 20724292
 - ? Volume: 14
 - ? Issue: 14
 - ? Authors: Pastorino Martina; Gallo Federico; Di Febbraro Angela; Moser Gabriele; Sacco Nicola; Serpico Sebastiano B.
 - ? Keywords: data fusion | Markov random fields | mobility demand | transport zones | urban land-use mapping
 - ? Quartile:
 - 2025:
 - ? Earth and Planetary Sciences (all) (Q1, rank 12, percentile 94)
 - 2022:
 - ? Earth and Planetary Sciences (all) (Q1, rank 18, percentile 90)
 - ? Source Id: 86430
 - ? Author Ids: 57222463026;57219260268;57207860581;7101795745;35615294600;7005306316
 - ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
 - ? Corresponding: Pastorino M.
- 14.
- ? Title: Registration of Multisensor Images through a Conditional Generative Adversarial Network and a Correlation-Type Similarity Measure
 - ? Venue: Remote Sensing
 - ? Year: 2022
 - ? Type: Journal
 - ? Subtype: Article

? Citations: 10
? DOI: 10.3390/rs14122811
? Scopus ID: 2-s2.0-85132264566
? eISSN: 20724292
? Volume: 14
? Issue: 12
? Authors: Maggiolo Luca; Solarna David; Moser Gabriele; Serpico Sebastiano Bruno
? Keywords: area-based registration | COBYLA | conditional generative adversarial networks (cGANs) | deep learning | image-to-image translation | multisensor image registration | ?2 similarity
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 12, percentile 94)
2022:
? Earth and Planetary Sciences (all) (Q1, rank 18, percentile 90)
? Source Id: 86430
? Author Ids: 57207878137;57192703421;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Maggiolo L.

15.

? Title: Fully Convolutional And Feedforward Networks For The Semantic Segmentation Of Remotely Sensed Images
? Venue: Proceedings International Conference on Image Processing Icip
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/icip46576.2022.9897336
? Scopus ID: 2-s2.0-85146639359
? Issn: 15224880
? Pages: 1876-1880
? Authors: Pastorino Martina; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: CNN | FCN | feedforward networks | multiresolution satellite images | semantic segmentation
? Quartile:
2025:
? Computer Vision and Pattern Recognition (Q2, rank 64, percentile 62)
? Signal Processing (Q2, rank 78, percentile 60)
? Software (Q2, rank 247, percentile 50)
? Source Id: 144684
? Author Ids: 57222463026;7101795745;7005306316;56211628500
? Authoraffiliationids: 60025153-60032385;60025153;60025153;60032385
? Corresponding: Pastorino M.

16.

? Title: Optical-SAR Decision Fusion with Markov Random Fields for High-Resolution Large-Scale Land Cover Mapping
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? Doi: 10.1109/igarss46834.2022.9884751
? Scopus ID: 2-s2.0-85141895368
? Volume: 2022-July

? Pages: 5508-5511
? Authors: Maggiolo Luca; Solarna David; Moser Gabriele; Serpico Sebastiano B.
? Keywords: Consensus Theory | Iterated Conditional Modes | Large-scale Land Cover Mapping | Markov Random Fields | Multisensor Data fusion
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2022:
? Earth and Planetary Sciences (all) (Q3, rank 129, percentile 33)
? Computer Science Applications (Q4, rank 641, percentile 19)
? Source Id: 82000
? Author Ids: 57207878137;57192703421;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Maggiolo L.

17.

? Title: A CNN-Transformer Knowledge Distillation for Remote Sensing Scene Classification
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Doi: 10.1109/Igarss46834.2022.9884099
? Scopus ID: 2-s2.0-85140393133
? Volume: 2022-July
? Pages: 663-666
? Authors: Nabi Mostaan; Maggiolo Luca; Moser Gabriele; Serpico Sebastiano B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2022:
? Earth and Planetary Sciences (all) (Q3, rank 129, percentile 33)
? Computer Science Applications (Q4, rank 641, percentile 19)
? Source Id: 82000
? Author Ids: 57938174600;57207878137;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Nabi M.

18.

? Title: Semantic Segmentation of SAR Images Through Fully Convolutional Networks and Hierarchical Probabilistic Graphical Models
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Igarss46834.2022.9883111
? Scopus ID: 2-s2.0-85140383164
? Volume: 2022-July
? Pages: 1047-1050
? Authors: Pastorino Martina; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: CNN | FCN | hierarchical Markov models | PGM | SAR imagery | semantic segmentation

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2022:

? Earth and Planetary Sciences (all) (Q3, rank 129, percentile 33)

? Computer Science Applications (Q4, rank 641, percentile 19)

? Source Id: 82000

? Author Ids: 57222463026;7101795745;7005306316;56211628500

? Authoraffiliationids: 60025153-60032385;60025153;60025153;60032385

? Corresponding: Pastorino M.

19.

? Title: A Tiling-Based Strategy for Large-Scale Multisensor Optical-Sar Image Registration

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2022

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1109/Igarss46834.2022.9884048

? Scopus ID: 2-s2.0-85132299799

? Volume: 2022-July

? Pages: 127-130

? Authors: Solarna David; Maggiolo Luca; Moser Gabriele; Serpico Sebastiano B.

? Keywords: Image registration | large scale | multisensor data | optical | synthetic aperture radar (SAR) | tiling

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2022:

? Earth and Planetary Sciences (all) (Q3, rank 129, percentile 33)

? Computer Science Applications (Q4, rank 641, percentile 19)

? Source Id: 82000

? Author Ids: 57192703421;57207878137;7101795745;7005306316

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Solarna D.

20.

? Title: Semantic Segmentation of Remote-Sensing Images Through Fully Convolutional Neural Networks and Hierarchical Probabilistic Graphical Models

? Venue: IEEE Transactions on Geoscience and Remote Sensing

? Year: 2022

? Type: Journal

? Subtype: Article

? Citations: 39

? Doi: 10.1109/Tgrs.2022.3141996

? Scopus ID: 2-s2.0-85122849520

? Issn: 01962892

? eISSN: 15580644

? Volume: 60

? Authors: Pastorino Martina; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane

? Keywords: Convolutional neural network (CNN) | fully convolutional network (FCN) | hierarchical Markov model | multiscale analysis | probabilistic graphical model (PGM) | remote sensing | semantic segmentation

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)

2022:

? Earth and Planetary Sciences (all) (Q1, rank 8, percentile 96)

? Electrical and Electronic Engineering (Q1, rank 59, percentile 92)

? Source Id: 17360

? Author Ids: 57222463026;7101795745;7005306316;56211628500

? Authoraffiliationids: 60025153-60110693;60025153;60025153;60110693

? Corresponding: Pastorino M.

21.

? Title: A Semisupervised CRF Model for CNN-Based Semantic Segmentation with Sparse Ground Truth

? Venue: IEEE Transactions on Geoscience and Remote Sensing

? Year: 2022

? Type: Journal

? Subtype: Article

? Citations: 18

? Doi: 10.1109/Tgrs.2021.3095832

? Scopus ID: 2-s2.0-85111563712

? Issn: 01962892

? eISSN: 15580644

? Volume: 60

? Authors: Maggiolo Luca; Marcos Diego; Moser Gabriele; Serpico Sebastiano B.; Tuia Devis

? Keywords: Classification | clustering | conditional random field (CRF) | convolutional neural network (CNN) | semantic labeling | semisupervised learning

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)

2022:

? Earth and Planetary Sciences (all) (Q1, rank 8, percentile 96)

? Electrical and Electronic Engineering (Q1, rank 59, percentile 92)

? Source Id: 17360

? Author Ids: 57207878137;57188665642;7101795745;7005306316;15766793800

? Authoraffiliationids: 60025153;60004156;60025153;60025153;60028186

? Corresponding: Maggiolo L.

22.

? Title: Deep Image Translation with an Affinity-Based Change Prior for Unsupervised Multimodal Change Detection

? Venue: IEEE Transactions on Geoscience and Remote Sensing

? Year: 2022

? Type: Journal

? Subtype: Article

? Citations: 133

? Doi: 10.1109/Tgrs.2021.3056196

? Scopus ID: 2-s2.0-85100923654

? Issn: 01962892

? eISSN: 15580644

? Volume: 60

? Authors: Luppino Luigi Tommaso; Kampffmeyer Michael; Bianchi Filippo Maria; Moser Gabriele; Serpico Sebastiano Bruno; Jenssen Robert; Anfinssen Stian Normann

? Keywords: Adversarial networks | affinity matrix | deep learning | heterogeneous data | image regression | multimodal image analysis | unsupervised change detection (CD)
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
2022:
? Earth and Planetary Sciences (all) (Q1, rank 8, percentile 96)
? Electrical and Electronic Engineering (Q1, rank 59, percentile 92)
? Source Id: 17360
? Author Ids:
57194513229;57193029170;56008499700;7101795745;7005306316;6602110548;6504079727
? Authoraffiliationids:
60021255;60021255;60021255-60114851;60025153;60025153;60021255;60021255
? Corresponding: Luppino L.T.

23.

? Title: Hierarchical Markov random fields for high resolution land cover classification of multisensor and multiresolution image time series
? Venue: Change Detection and Image Time Series Analysis 2 Supervised Methods
? Year: 2021
? Type: Book
? Subtype: Book Chapter
? Citations: 0
? DOI: 10.1002/9781119882299.ch1
? Scopus ID: 2-s2.0-85147537019
? Pages: 1-32
? Authors: Hedhli Ihsen; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: Image classification | Multimission image time series | Multiple spatial resolutions | Remote sensing data fusion | Synthetic Aperture Radar
? Source Id: 21101133588
? Author Ids: 56422415400;7101795745;7005306316;56211628500
? Authoraffiliationids: 60032619;60025153;60025153;60110693
? Corresponding: Hedhli I.

24.

? Title: Evaluating LoRaWAN connectivity in a marine scenario
? Venue: Journal of Marine Science and Engineering
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 14
? DOI: 10.3390/jmse9111218
? Scopus ID: 2-s2.0-85119626513
? eISSN: 20771312
? Volume: 9
? Issue: 11
? Authors: Pensieri Sara; Viti Federica; Moser Gabriele; Serpico Sebastiano Bruno; Maggiolo Luca; Pastorino Martina; Solarna David; Cambiaso Andrea; Carraro Carlo; Degano Cristiana; Mainenti Ilaria; Seghezza Silvia; Bozzano Roberto
? Keywords: Internet of things (IoT) | LoRaWAN | Low power wide area network (LPWAN) | Marine technology
? Quartile:
2025:
? Ocean Engineering (Q1, rank 29, percentile 75)
? Civil and Structural Engineering (Q2, rank 110, percentile 73)

? Water Science and Technology (Q2, rank 77, percentile 72)
2021:
? Ocean Engineering (Q2, rank 42, percentile 57)
? Civil and Structural Engineering (Q2, rank 159, percentile 51)
? Water Science and Technology (Q3, rank 121, percentile 49)
? Source Id: 21100830140
? Author Ids: 35311650600;9270376500;7101795745;7005306316;57207878137;57222463026;5719
2703421;57349573900;57349709100;6602277633;56422305300;55838166900;6602292250
? Authoraffiliationids: 60021199;60021199;60025153;60025153;60025153;60025153;60025153;
127278704;127279421;101838253;101838253;123796635;60021199
? Corresponding: Pensieri S.

25.

? Title: Monitoring the recovery after 2016 hurricane matthew in haiti via markovian
multitemporal region-based modeling
? Venue: Remote Sensing
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 7
? DOI: 10.3390/rs13173509
? Scopus ID: 2-s2.0-85114556151
? eISSN: 20724292
? Volume: 13
? Issue: 17
? Authors: De Giorgi Andrea; Solarna David; Moser Gabriele; Tapete Deodato; Cigna
Francesca; Boni Giorgio; Rudari Roberto; Serpico Sebastiano Bruno; Pisani Anna Rita;
Montuori Antonio; Zoffoli Simona
? Keywords: Change detection | Disaster management | High-resolution images | Markov
random field (MRF) | Multitemporal supervised classification | Recovery monitoring |
Region-based classification
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 12, percentile 94)
2021:
? Earth and Planetary Sciences (all) (Q1, rank 17, percentile 91)
? Source Id: 86430
? Author Ids: 56195544300;57192703421;7101795745;55221777800;36720533600;7004208139;650
7764404;7005306316;36873916500;36816387400;6506174014
? Authoraffiliationids: 60025153;60025153;60025153;60031612;60031612;60025153;102075139
;60025153;60031612;60031612;60031612
? Corresponding: De Giorgi A.

26.

? Title: Multisensor and multiresolution remote sensing image classification through a
causal hierarchical markov framework and decision tree ensembles
? Venue: Remote Sensing
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 34
? DOI: 10.3390/rs13050849
? Scopus ID: 2-s2.0-85102777777
? eISSN: 20724292
? Volume: 13
? Issue: 5

? Pages: 1-25
? Authors: Pastorino Martina; Montaldo Alessandro; Fronda Luca; Hedhli Ihsen; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: Causal Markov model | Decision tree ensemble | Hierarchical Markov random field | Markov chain | Markov mesh random field | Multimodal data fusion | Multiresolution and multisensor fusion | Remote sensing | Semantic image segmentation
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 12, percentile 94)
2021:
? Earth and Planetary Sciences (all) (Q1, rank 17, percentile 91)
? Source Id: 86430
? Author Ids:
57222463026;57212479880;57212479749;56422415400;7101795745;7005306316;56211628500
? Authoraffiliationids:
60025153-60110693;60025153;60025153;60032619;60025153;60025153;60110693
? Corresponding: Pastorino M.

27.

? Title: Road Extraction And Road Width Estimation Via Fusion Of Aerial Optical Imagery, Geospatial Data, And Street-Level Images
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2021
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Igarss47720.2021.9554540
? Scopus ID: 2-s2.0-85129858991
? Pages: 2413-2416
? Authors: Grillo Andrea; Krylov Vladimir A.; Moser Gabriele; Serpico Sebastiano B.
? Keywords: OpenStreetMap | Optical imagery | Road extraction | Road width estimation | Street-level imagery
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2021:
? Earth and Planetary Sciences (all) (Q3, rank 120, percentile 37)
? Computer Science Applications (Q3, rank 557, percentile 25)
? Source Id: 82000
? Author Ids: 57680047100;57202676994;7101795745;7005306316
? Authoraffiliationids: 60025153;60025059;60025153;60025153
? Corresponding: Grillo A.

28.

? Title: Hierarchical Probabilistic Graphical Models and Deep Convolutional Neural Networks for Remote Sensing Image Classification
? Venue: European Signal Processing Conference
? Year: 2021
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.23919/Eusipco54536.2021.9616179
? Scopus ID: 2-s2.0-85123166099
? Issn: 22195491
? Volume: 2021-August

? Pages: 1740-1744
? Authors: Pastorino Martina; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: CNN | Hierarchical PGM | Multiresolution | Remote sensing | Semantic segmentation
? Quartile:
2025:
? Signal Processing (Q3, rank 109, percentile 44)
? Electrical and Electronic Engineering (Q3, rank 573, percentile 42)
? Source Id: 21100204301
? Author Ids: 57222463026;7101795745;7005306316;56211628500
? Authoraffiliationids: 60025153-60110693;60025153;60025153;60110693
? Corresponding: Pastorino M.

29.

? Title: Semantic Segmentation Of Remote Sensing Images Combining Hierarchical Probabilistic Graphical Models And Deep Convolutional Neural Networks
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2021
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Igarss47720.2021.9553253
? Scopus ID: 2-s2.0-85114557018
? Volume: 2021-July
? Pages: 8672-8675
? Authors: Pastorino Martina; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: CNN | FCN | Hierarchical Markov models | Multiresolution images | PGM | Semantic segmentation
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2021:
? Earth and Planetary Sciences (all) (Q3, rank 120, percentile 37)
? Computer Science Applications (Q3, rank 557, percentile 25)
? Source Id: 82000
? Author Ids: 57222463026;7101795745;7005306316;56211628500
? Authoraffiliationids: 60025153-60110693;60025153;60025153;60110693
? Corresponding: Pastorino M.

30.

? Title: Experimental Comparison Of Registration Methods For Multisensor Sar-Optical Data
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2021
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Igarss47720.2021.9553640
? Scopus ID: 2-s2.0-85114556028
? Volume: 2021-July
? Pages: 3022-3025
? Authors: Pinel-Puyssat B.; Maggiolo Luca; Roux Michel; Gasnier Nicolas; Solarna David; Moser Gabriele; Serpico Sebastiano B.; Tupin Florence
? Keywords: Multi-modality registration | Optical imagery | SAR
? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2021:

? Earth and Planetary Sciences (all) (Q3, rank 120, percentile 37)

? Computer Science Applications (Q3, rank 557, percentile 25)

? Source Id: 82000

? Author Ids: 54409184800;57207878137;55519256500;57197745292;57192703421;7101795745;7005306316;6603939644

? Authoraffiliationids:

60007816;60025153;60116488;60116488;60025153;60025153;60025153;60116488

? Corresponding: Pinel-Puyss[^]gur B.

31.

? Title: Automatic Area-Based Registration of Optical and SAR Images Through Generative Adversarial Networks and a Correlation-Type Metric

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2020

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 9

? Doi: 10.1109/Igarss39084.2020.9323235

? Scopus ID: 2-s2.0-85101981992

? Pages: 2089-2092

? Authors: Maggiolo Luca; Solarna David; Moser Gabriele; Serpico Sebastiano B.

? Keywords: COBYLA | conditional generative adversarial network | Multisensor image registration | ℓ^2 similarity

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2020:

? Earth and Planetary Sciences (all) (Q3, rank 122, percentile 34)

? Computer Science Applications (Q4, rank 541, percentile 22)

? Source Id: 82000

? Author Ids: 57207878137;57192703421;7101795745;7005306316

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Maggiolo L.

32.

? Title: Change Detection with Heterogeneous Remote Sensing Data: From Semi-Parametric Regression to Deep Learning

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2020

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 8

? Doi: 10.1109/Igarss39084.2020.9323831

? Scopus ID: 2-s2.0-85098557765

? Pages: 3892-3895

? Authors: Moser Gabriele; Anfinson Stian N.; Luppino Luigi T.; Serpico Sebastiano B.

? Keywords: affinity matrix | deep learning | Heterogeneous change detection | image regression | image-to-image translation | multimodal data fusion

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)
2020:
? Earth and Planetary Sciences (all) (Q3, rank 122, percentile 34)
? Computer Science Applications (Q4, rank 541, percentile 22)
? Source Id: 82000
? Author Ids: 7101795745;6504079727;57194513229;7005306316
? Authoraffiliationids: 60025153;60021255;60021255;60025153
? Corresponding: Moser G.

33.

? Title: Unsupervised Heterogeneous Change Detection in Radar Images by Cross-domain Affinity Matching
? Venue: IEEE National Radar Conference Proceedings
? Year: 2020
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? DOI: 10.1109/RadarConf2043947.2020.9266452
? Scopus ID: 2-s2.0-85098598919
? Issn: 10975659
? Volume: 2020-September
? Authors: Anfinsen Stian N.; Luppino Luigi T.; Hansen Mads A.; Moser Gabriele; Serpico Sebastiano B.
? Quartile:
2020:
? Electrical and Electronic Engineering (Q4, rank 674, percentile 2)
? Source Id: 110583
? Author Ids: 6504079727;57194513229;57203180602;7101795745;7005306316
? Authoraffiliationids: 60021255;60021255;60021255;60025153;60025153
? Corresponding: Anfinsen S.N.

34.

? Title: Crater Detection and Registration of Planetary Images through Marked Point Processes, Multiscale Decomposition, and Region-Based Analysis
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 2020
? Type: Journal
? Subtype: Article
? Citations: 19
? Doi: 10.1109/Tgrs.2020.2970908
? Scopus ID: 2-s2.0-85090404702
? Issn: 01962892
? eISSN: 15580644
? Volume: 58
? Issue: 9
? Pages: 6039-6058
? Authors: Solarna David; Gotelli Alberto; Le Moigne Jacqueline; Moser Gabriele; Serpico Sebastiano B.
? Keywords: Crater detection | image registration | marked point process (MPP) | multiple birth and cut (MBC) | multiple birth and death (MBD) | region of interest (ROI) | segmentation | wavelets
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
2020:

? Earth and Planetary Sciences (all) (Q1, rank 5, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 47, percentile 93)
? Source Id: 17360
? Author Ids: 57192703421;57191269840;55664867700;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60016296;60025153;60025153
? Corresponding: Solarna D.

35.

? Title: A causal hierarchical markov framework for the classification of multiresolution and multisensor remote sensing images
? Venue: ISPRS Annals of the Photogrammetry Remote Sensing and Spatial Information Sciences
? Year: 2020
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? DOI: 10.5194/isprs-Annals-V-3-2020-269-2020
? Scopus ID: 2-s2.0-85090343334
? Issn: 21949042
? eISSN: 21949050
? Volume: 5
? Issue: 3
? Pages: 269-277
? Authors: Montaldo A.; Fronda L.; Hedhli I.; Moser G.; Serpico S. B.; Zerubia J.
? Keywords: Causality | Hierarchical Markov random models | Markov chain | Multiresolution and multisensor fusion | Semantic image segmentation.
? Quartile:
2025:
? Instrumentation (Q3, rank 100, percentile 47)
? Earth and Planetary Sciences (miscellaneous) (Q3, rank 101, percentile 46)
? Environmental Science (miscellaneous) (Q3, rank 165, percentile 42)
2020:
? Environmental Science (miscellaneous) (Q2, rank 44, percentile 58)
? Earth and Planetary Sciences (miscellaneous) (Q3, rank 59, percentile 44)
? Instrumentation (Q3, rank 75, percentile 41)
? Source Id: 21100830113
? Author Ids: 57212479880;57212479749;56422415400;7101795745;7005306316;56211628500
? Authoraffiliationids: 60025153;60025153;60032619;60025153;60025153;60110693
? Corresponding: Montaldo A.

36.

? Title: Causal Markov Mesh Hierarchical Modeling for the Contextual Classification of Multiresolution Satellite Images
? Venue: Proceedings International Conference on Image Processing Icip
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Doi: 10.1109/Icip.2019.8803351
? Scopus ID: 2-s2.0-85076810666
? Issn: 15224880
? Volume: 2019-September
? Pages: 2716-2720
? Authors: Montaldo A.; Fronda L.; Hedhli I.; Moser G.; Serpico S. B.; Zerubia J.
? Keywords: causality | hierarchical Markov random field | Markov mesh random field | Multiresolution images | semantic image segmentation

? Quartile:
2025:
? Computer Vision and Pattern Recognition (Q2, rank 64, percentile 62)
? Signal Processing (Q2, rank 78, percentile 60)
? Software (Q2, rank 247, percentile 50)
? Source Id: 144684
? Author Ids: 57212479880;57212479749;56422415400;7101795745;7005306316;56211628500
? Authoraffiliationids: 60025153;60025153;60032619;60025153;60025153;60032385
? Corresponding: Montaldo A.

37.

? Title: Recovery Monitoring in Haiti after Hurricane Matthew Through Markov Random Fields and A Region-Based Approach
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Igarss.2019.8899077
? Scopus ID: 2-s2.0-85077708493
? Pages: 9357-9360
? Authors: Giorgi Andrea De; Moser Gabriele; Boni Giorgio; Pisani Anna Rita; Tapete Deodato; Zoffoli Simona; Serpico Sebastiano B.
? Keywords: Change-detection | disaster management | Markov random field (MRF) | multitemporal supervised classification | recovery monitoring | region- based classification
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2019:
? Earth and Planetary Sciences (all) (Q3, rank 120, percentile 36)
? Computer Science Applications (Q4, rank 485, percentile 23)
? Source Id: 82000
? Author Ids:
57213188902;7101795745;7004208139;36873916500;55221777800;6506174014;7005306316
? Authoraffiliationids: 60025153;60025153;60025153;60031612;60031612;60031612;60025153
? Corresponding: Giorgi A.D.

38.

? Title: Joint Classification of Multiresolution and Multisensor Data Using a Multiscale Markov Mesh Model
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Igarss.2019.8898060
? Scopus ID: 2-s2.0-85077704562
? Pages: 2810-2813
? Authors: Montaldo Alessandro; Fronda Luca; Hedhli Ihsen; Moser Gabriele; Zerubia Josiane; Serpico Sebastiano B.
? Keywords: hierarchical MRF | Multiresolution and multisensor fusion | symmetric Markov mesh | tree ensemble
? Quartile:
2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2019:

? Earth and Planetary Sciences (all) (Q3, rank 120, percentile 36)

? Computer Science Applications (Q4, rank 485, percentile 23)

? Source Id: 82000

? Author Ids: 57212479880;57212479749;56422415400;7101795745;56211628500;7005306316

? Authoraffiliationids: 60025153;60025153;60032385;60025153;60032619;60025153

? Corresponding: Montaldo A.

39.

? Title: Multiresolution and Multimodality Sar Data Fusion Based on Markov and Conditional Random Fields for Unsupervised Change Detection

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2019

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 5

? Doi: 10.1109/Igarss.2019.8898122

? Scopus ID: 2-s2.0-85077691276

? Pages: 29-32

? Authors: Solarna David; Moser Gabriele; Serpico Sebastiano B.

? Keywords: conditional random fields (CRF) | Markov random fields (MRF) | multimodality fusion | multiresolution fusion | synthetic aperture radar (SAR)

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2019:

? Earth and Planetary Sciences (all) (Q3, rank 120, percentile 36)

? Computer Science Applications (Q4, rank 485, percentile 23)

? Source Id: 82000

? Author Ids: 57192703421;7101795745;7005306316

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Solarna D.

40.

? Title: Data-driven techniques for fault diagnosis in power generation plants based on solid oxide fuel cells

? Venue: Energy Conversion and Management

? Year: 2019

? Type: Journal

? Subtype: Article

? Citations: 50

? DOI: 10.1016/j.enconman.2018.10.107

? Scopus ID: 2-s2.0-85056198581

? Issn: 01968904

? Volume: 180

? Pages: 281-291

? Authors: Costamagna Paola; De Giorgi Andrea; Moser Gabriele; Serpico Sebastiano B.; Trucco Andrea

? Keywords: Data-driven fault diagnosis | Distributed electric generation | Fault detection and isolation | Random forest | Solid oxide fuel cells | Support vector machine

? Quartile:

2025:

? Nuclear Energy and Engineering (Q1, rank 2, percentile 98)
? Energy Engineering and Power Technology (Q1, rank 12, percentile 96)
? Fuel Technology (Q1, rank 7, percentile 95)
? Renewable Energy, Sustainability and the Environment (Q1, rank 21, percentile 93)

2019:

? Nuclear Energy and Engineering (Q1, rank 2, percentile 97)
? Energy Engineering and Power Technology (Q1, rank 6, percentile 97)
? Fuel Technology (Q1, rank 4, percentile 96)
? Renewable Energy, Sustainability and the Environment (Q1, rank 13, percentile 93)

? Source Id: 29372

? Author Ids: 7003269793;56195544300;7101795745;7005306316;7007035725

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Costamagna P.

41.

? Title: A markovian approach to unsupervised change detection with multiresolution and multimodality SAR data

? Venue: Remote Sensing

? Year: 2018

? Type: Journal

? Subtype: Article

? Citations: 9

? DOI: 10.3390/rs10111671

? Scopus ID: 2-s2.0-85057086878

? eISSN: 20724292

? Volume: 10

? Issue: 11

? Authors: Solarna David; Moser Gabriele; Serpico Sebastiano B.

? Keywords: Generalized Gaussian | Gram-Charlier approximation | Graph cuts | Markov random fields (MRF) | Maximum likelihood (ML) estimation | Minimum mean squared error (MMSE) estimation | Multimodality data fusion | Multiresolution data fusion | Synthetic aperture radar (SAR)

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q1, rank 12, percentile 94)

2018:

? Earth and Planetary Sciences (all) (Q1, rank 16, percentile 91)

? Source Id: 86430

? Author Ids: 57192703421;7101795745;7005306316

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Solarna D.

42.

? Title: Very high resolution optical image classification using watershed segmentation and a region-based kernel

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Doi: 10.1109/Igarss.2018.8518526

? Scopus ID: 2-s2.0-85064230932

? Volume: 2018-July

? Pages: 1312-1315

? Authors: De Giorgi Andrea; Moser Gabriele; Poggi Giovanni; Scarpa Giuseppe; Serpico Sebastiano B.

? Keywords: Geospatial objectbased image analysis (GEOBIA) | Kernel machines | Region-based classification | Watershed segmentation

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2018:

? Earth and Planetary Sciences (all) (Q3, rank 119, percentile 35)

? Computer Science Applications (Q4, rank 474, percentile 19)

? Source Id: 82000

? Author Ids: 56195544300;7101795745;7005255639;7004081145;7005306316

? Authoraffiliationids: 60025153;60025153;60017293;60017293;60025153

? Corresponding: De Giorgi A.

43.

? Title: New Frontiers in Spectral-Spatial Hyperspectral Image Classification: The Latest Advances Based on Mathematical Morphology, Markov Random Fields, Segmentation, Sparse Representation, and Deep Learning

? Venue: IEEE Geoscience and Remote Sensing Magazine

? Year: 2018

? Type: Trade Journal

? Subtype: Article

? Citations: 313

? Doi: 10.1109/Mgrs.2018.2854840

? Scopus ID: 2-s2.0-85054521559

? Issn: 24732397

? eISSN: 21686831

? Volume: 6

? Issue: 3

? Pages: 10-43

? Authors: Ghamisi Pedram; Maggiori Emmanuel; Li Shutao; Souza Roberto; Tarabalka Yuliya; Moser Gabriele; De Giorgi Andrea; Fang Leyuan; Chen Yushi; Chi Mingmin; Serpico Sebastiano B.; Benediktsson Jon Atli

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q1, rank 1, percentile 99)

? Instrumentation (Q1, rank 2, percentile 99)

? Electrical and Electronic Engineering (Q1, rank 10, percentile 99)

? Computer Science (all) (Q1, rank 3, percentile 98)

2018:

? Instrumentation (Q1, rank 1, percentile 99)

? Computer Science (all) (Q1, rank 4, percentile 98)

? Earth and Planetary Sciences (all) (Q1, rank 4, percentile 98)

? Electrical and Electronic Engineering (Q1, rank 31, percentile 95)

? Source Id: 21100338322

? Author Ids: 53663404300;56406411100;7409240361;55259204800;24512498300;7101795745;56195544300;36739090900;15059992600;18933613400;7005306316;7004494483

? Authoraffiliationids: 60000086;60032385;60032356;100367247;60032385;60025153;60025153;60032356;60019616;60009860;60009860;60071113

? Corresponding: Ghamisi P.

44.

? Title: Remote Sensing Data Fusion: Markov Models and Mathematical Morphology for Multisensor, Multiresolution, and Multiscale Image Classification

? Venue: Signals and Communication Technology

? Year: 2018

? Type: Book Series
 ? Subtype: Book Chapter
 ? Citations: 12
 ? Doi: 10.1007/978-3-319-66330-2_7
 ? Scopus ID: 2-s2.0-85054301295
 ? Issn: 18604862
 ? eISSN: 18604870
 ? Pages: 277-323
 ? Authors: Benediktsson Jon A.; Cavallaro Gabriele; Falco Nicola; Hedhli Ihsen; Krylov Vladimir A.; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
 ? Quartile:
 2025:
 ? Computer Networks and Communications (Q4, rank 420, percentile 23)
 ? Electrical and Electronic Engineering (Q4, rank 766, percentile 23)
 ? Signal Processing (Q4, rank 151, percentile 22)
 ? Control and Systems Engineering (Q4, rank 316, percentile 17)
 2018:
 ? Electrical and Electronic Engineering (Q4, rank 624, percentile 6)
 ? Computer Networks and Communications (Q4, rank 280, percentile 5)
 ? Control and Systems Engineering (Q4, rank 229, percentile 4)
 ? Signal Processing (Q4, rank 99, percentile 2)
 ? Source Id: 21100901476
 ? Author Ids: 7004494483;55636444100;36659188900;56422415400;57202676994;7101795745;7005306316;56211628500
 ? Authoraffiliationids: 600711113;600711113;60007174;60025153-60110693;60025153-60110693;60025153;60025153;60110693
 ? Corresponding: Benediktsson J.A.

45.

? Title: Mathematical models and methods for remote sensing image analysis: An introduction
 ? Venue: Signals and Communication Technology
 ? Year: 2018
 ? Type: Book Series
 ? Subtype: Book Chapter
 ? Citations: 5
 ? Doi: 10.1007/978-3-319-66330-2_1
 ? Scopus ID: 2-s2.0-85054090531
 ? Issn: 18604862
 ? eISSN: 18604870
 ? Pages: 1-36
 ? Authors: Moser Gabriele; Zerubia Josiane; Serpico Sebastiano B.; Benediktsson Jon A.
 ? Quartile:
 2025:
 ? Computer Networks and Communications (Q4, rank 420, percentile 23)
 ? Electrical and Electronic Engineering (Q4, rank 766, percentile 23)
 ? Signal Processing (Q4, rank 151, percentile 22)
 ? Control and Systems Engineering (Q4, rank 316, percentile 17)
 2018:
 ? Electrical and Electronic Engineering (Q4, rank 624, percentile 6)
 ? Computer Networks and Communications (Q4, rank 280, percentile 5)
 ? Control and Systems Engineering (Q4, rank 229, percentile 4)
 ? Signal Processing (Q4, rank 99, percentile 2)
 ? Source Id: 21100901476
 ? Author Ids: 7101795745;56211628500;7005306316;7004494483

? Authoraffiliationids: 60025153;60110693;60025153;60071113

? Corresponding: Moser G.

46.

? Title: Planetary crater detection and registration using marked point processes, multiple birth and death algorithms, and region-based analysis

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2017

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 8

? Doi: 10.1109/Igarss.2017.8127459

? Scopus ID: 2-s2.0-85041829035

? Volume: 2017-July

? Pages: 2337-2340

? Authors: Solarna David; Moser Gabriele; Le Moigne Jacqueline; Serpico Sebastiano B.

? Keywords: Crater Detection | Hausdorff Distance | Image Registration | Marked Point Processes | Region-based Analysis

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2017:

? Earth and Planetary Sciences (all) (Q3, rank 115, percentile 37)

? Computer Science Applications (Q4, rank 453, percentile 20)

? Source Id: 82000

? Author Ids: 57192703421;7101795745;55664867700;7005306316

? Authoraffiliationids: 60025153;60025153;60006337;60025153

? Corresponding: Solarna D.

47.

? Title: Robust change detection from COSMO-SkyMed and RADARSAT-2 multitemporal images

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2017

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1109/Igarss.2017.8128186

? Scopus ID: 2-s2.0-85041827398

? Volume: 2017-July

? Pages: 5252-5255

? Authors: Garzelli Andrea; Moser Gabriele; Serpico Sebastiano B.

? Keywords: Change detection | COSMO-SkyMed | Multifrequency SAR | Multisource data fusion | Multitemporal analysis | RADARSAT-2

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2017:

? Earth and Planetary Sciences (all) (Q3, rank 115, percentile 37)

? Computer Science Applications (Q4, rank 453, percentile 20)

? Source Id: 82000

? Author Ids: 7004594292;7101795745;7005306316

? Authoraffiliationids: 60002838;60025153;60025153

? Corresponding: Garzelli A.

48.

? Title: Planetary crater detection and registration using marked point processes, graph cut algorithms, and wavelet transforms
 ? Venue: International Geoscience and Remote Sensing Symposium IGARSS
 ? Year: 2017
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 1
 ? Doi: 10.1109/Igarss.2017.8127457
 ? Scopus ID: 2-s2.0-85041806912
 ? Volume: 2017-July
 ? Pages: 2329-2332
 ? Authors: Gotelli Alberto; Le Moigne Jacqueline; Moser Gabriele; Serpico Sebastiano B.
 ? Keywords: Area-Based Image Registration | Featured-Based Image Registration | Marked Point Processes | Multiple Birth and Cut | Mutual Information | Planetary Images
 ? Quartile:
 2025:
 ? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
 ? Computer Science Applications (Q3, rank 688, percentile 29)
 2017:
 ? Earth and Planetary Sciences (all) (Q3, rank 115, percentile 37)
 ? Computer Science Applications (Q4, rank 453, percentile 20)
 ? Source Id: 82000
 ? Author Ids: 57191269840;55664867700;7101795745;7005306316
 ? Authoraffiliationids: 60025153;60006337;60025153;60025153
 ? Corresponding: Gotelli A.

49.

? Title: Classification of Multisensor and Multiresolution Remote Sensing Images Through Hierarchical Markov Random Fields
 ? Venue: IEEE Geoscience and Remote Sensing Letters
 ? Year: 2017
 ? Type: Journal
 ? Subtype: Article
 ? Citations: 17
 ? Doi: 10.1109/Lgrs.2017.2768398
 ? Scopus ID: 2-s2.0-85035754902
 ? Issn: 1545598x
 ? Volume: 14
 ? Issue: 12
 ? Pages: 2448-2452
 ? Authors: Hedhli Ihsen; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
 ? Keywords: Finite mixture models | hierarchical Markov random field (MRF) | marginal posterior mode (MPM) | multifrequency fusion | multiresolution fusion | multisensor fusion | quad-tree
 ? Quartile:
 2025:
 ? Geotechnical Engineering and Engineering Geology (Q1, rank 22, percentile 91)
 ? Electrical and Electronic Engineering (Q1, rank 90, percentile 91)
 2017:
 ? Geotechnical Engineering and Engineering Geology (Q1, rank 3, percentile 98)
 ? Electrical and Electronic Engineering (Q1, rank 79, percentile 88)
 ? Source Id: 17259
 ? Author Ids: 56422415400;7101795745;7005306316;56211628500
 ? Authoraffiliationids: 60110693-60025153;60025153;60025153;60110693
 ? Corresponding: Hedhli I.

50.

- ? Title: Monitoring of green, open and sealed urban space
- ? Venue: 2017 Joint Urban Remote Sensing Event Jurse 2017
- ? Year: 2017
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 2
- ? Doi: 10.1109/Jurse.2017.7924561
- ? Scopus ID: 2-s2.0-85020224250
- ? Authors: Jupov[^] K.; Bartalo[?] T.; Soukup T.; Moser G.; Serpico S. B.; Krylov V.; De Martino M.; Manzke N.; Rochard N.
- ? Keywords: EO data classification | ESA Programme: Copernicus | Green and open space | Image analysis | Land Cover and Land Use | Soil sealing | Sustainable Development | Urban
- ? Source Id: 21100817600
- ? Author Ids: 57194458737;57189685548;36890129300;7101795745;7005306316;57202676994;7102899067;57190172215;57194449588
- ? Authoraffiliationids: 100466261;100466261;100466261;60025153;60025153;60025153;60025153;60009731;118612532
- ? Corresponding: Jupov[^] K.

51.

- ? Title: Multi-resolution classification of urban areas using hierarchical symmetric Markov mesh models
- ? Venue: 2017 Joint Urban Remote Sensing Event Jurse 2017
- ? Year: 2017
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 3
- ? Doi: 10.1109/Jurse.2017.7924567
- ? Scopus ID: 2-s2.0-85020204673
- ? Authors: Hedhli Ihsen; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
- ? Source Id: 21100817600
- ? Author Ids: 56422415400;7101795745;7005306316;56211628500
- ? Authoraffiliationids: 112072378;60025153;60025153;60032385
- ? Corresponding: Hedhli I.

52.

- ? Title: A clustering approach to heterogeneous change detection
- ? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
- ? Year: 2017
- ? Type: Book Series
- ? Subtype: Conference Paper
- ? Citations: 28
- ? Doi: 10.1007/978-3-319-59129-2_16
- ? Scopus ID: 2-s2.0-85020434401
- ? Issn: 03029743
- ? eISSN: 16113349
- ? Volume: 10270 LnCS
- ? Pages: 181-192
- ? Authors: Luppino Luigi Tommaso; Anfinson Stian Normann; Moser Gabriele; Jenssen Robert; Bianchi Filippo Maria; Serpico Sebastiano; Mercier Gregoire
- ? Keywords: Change detection | Clustering | Domain adaptation | Heterogeneous image sources
- ? Quartile:

2025:

? Theoretical Computer Science (Q3, rank 70, percentile 48)

? Computer Science (all) (Q3, rank 129, percentile 46)

2017:

? Computer Science (all) (Q2, rank 84, percentile 59)

? Theoretical Computer Science (Q3, rank 76, percentile 34)

? Source Id: 25674

? Author Ids:

57194513229;6504079727;7101795745;6602110548;56008499700;7005306316;59631024000

? Authoraffiliationids: 60021255;60021255;60025153;60021255;60021255;60025153;60110235

? Corresponding: Luppino L.T.

53.

? Title: Large urban zone classification on SPOT-5 imagery with convolutional neural networks

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2016

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 8

? Doi: 10.1109/Igarss.2016.7729461

? Scopus ID: 2-s2.0-85007481179

? Volume: 2016-November

? Pages: 1796-1799

? Authors: Krylov Vladimir A.; De Martino Michaela; Moser Gabriele; Serpico Sebastiano B.

? Keywords: classification | Convolutional neural networks | large urban zones | optical imagery

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2016:

? Earth and Planetary Sciences (all) (Q3, rank 118, percentile 32)

? Computer Science Applications (Q4, rank 451, percentile 15)

? Source Id: 82000

? Author Ids: 57202676994;7102899067;7101795745;7005306316

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Krylov V.

54.

? Title: Unsupervised change detection on synthetic aperture radar images with generalized gamma distribution

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2016

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.1109/Igarss.2016.7729866

? Scopus ID: 2-s2.0-85007422366

? Volume: 2016-November

? Pages: 3350-3353

? Authors: Crismer Fabrizio; Moser Gabriele; Krylov Vladimir A.; Serpico Sebastiano B.

? Keywords: consistent estimator | method of log-cumulants | SAR | Unsupervised change detection

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2016:

? Earth and Planetary Sciences (all) (Q3, rank 118, percentile 32)

? Computer Science Applications (Q4, rank 451, percentile 15)

? Source Id: 82000

? Author Ids: 57192699276;7101795745;57202676994;7005306316

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Crismer F.

55.

? Title: Supervised classification of thermal infrared hyperspectral images through Bayesian, Markovian, and region-based approaches

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2016

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1109/Igarss.2016.7729237

? Scopus ID: 2-s2.0-85007420674

? Volume: 2016-November

? Pages: 937-940

? Authors: Barisione Francesco; Solarna David; De Giorgi Andrea; Moser Gabriele; Serpico Sebastiano B.

? Keywords: Markov random fields | region-based classification | Thermal infrared hyperspectral

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2016:

? Earth and Planetary Sciences (all) (Q3, rank 118, percentile 32)

? Computer Science Applications (Q4, rank 451, percentile 15)

? Source Id: 82000

? Author Ids: 57192701027;57192703421;56195544300;7101795745;7005306316

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Barisione F.

56.

? Title: A New Cascade Model for the Hierarchical Joint Classification of Multitemporal and Multiresolution Remote Sensing Data

? Venue: IEEE Transactions on Geoscience and Remote Sensing

? Year: 2016

? Type: Journal

? Subtype: Article

? Citations: 27

? Doi: 10.1109/Tgrs.2016.2580321

? Scopus ID: 2-s2.0-84983060394

? Issn: 01962892

? Volume: 54

? Issue: 11

? Pages: 6333-6348

? Authors: Hedhli Ihsen; Moser Gabriele; Zerubia Josiane; Serpico Sebastiano Bruno

? Keywords: Hierarchical multiresolution Markov random fields | multitemporal classification | satellite image time series

? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
2016:
? Earth and Planetary Sciences (all) (Q1, rank 5, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 31, percentile 95)
? Source Id: 17360
? Author Ids: 56422415400;7101795745;56211628500;7005306316
? Authoraffiliationids: 60025153;60025153;60032385;60025153
? Corresponding: Hedhli I.

57.

? Title: False Discovery Rate Approach to Unsupervised Image Change Detection
? Venue: IEEE Transactions on Image Processing
? Year: 2016
? Type: Journal
? Subtype: Article
? Citations: 12
? Doi: 10.1109/Tip.2016.2593340
? Scopus ID: 2-s2.0-84985952139
? Issn: 10577149
? Volume: 25
? Issue: 10
? Pages: 4704-4718
? Authors: Krylov Vladimir A.; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: Change detection | dermatological images | false discovery rate | statistical hypothesis testing | still camera images | synthetic aperture radar images
? Quartile:
2025:
? Computer Graphics and Computer-Aided Design (Q1, rank 3, percentile 98)
? Software (Q1, rank 15, percentile 97)
2016:
? Computer Graphics and Computer-Aided Design (Q1, rank 2, percentile 97)
? Software (Q1, rank 15, percentile 96)
? Source Id: 25534
? Author Ids: 57202676994;7101795745;7005306316;56211628500
? Authoraffiliationids: 60025153;60025153;60025153;60032385
? Corresponding: Krylov V.

58.

? Title: Multiresolution Supervised Classification of Panchromatic and Multispectral Images by Markov Random Fields and Graph Cuts
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 2016
? Type: Journal
? Subtype: Article
? Citations: 27
? Doi: 10.1109/Tgrs.2016.2547027
? Scopus ID: 2-s2.0-84973542324
? Issn: 01962892
? Volume: 54
? Issue: 9
? Pages: 5054-5070
? Authors: Moser Gabriele; De Giorgi Andrea; Serpico Sebastiano Bruno
? Keywords: Bayesian estimation | expectation-maximization (EM) | graph cuts | Markov

random fields (MRF) | Multiresolution image classification

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)

2016:

? Earth and Planetary Sciences (all) (Q1, rank 5, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 31, percentile 95)

? Source Id: 17360

? Author Ids: 7101795745;56195544300;7005306316

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Moser G.

59.

? Title: Contextual multi-scale image classification on quadtree

? Venue: Proceedings International Conference on Image Processing Icip

? Year: 2016

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1109/Icip.2016.7532578

? Scopus ID: 2-s2.0-85006747301

? Issn: 15224880

? Volume: 2016-August

? Pages: 1349-1353

? Authors: Hedhli Ihsen; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane

? Keywords: Causal model | Hierarchical MRF | Markov mesh | MPM | Multi-scale classification

? Quartile:

2025:

? Computer Vision and Pattern Recognition (Q2, rank 64, percentile 62)

? Signal Processing (Q2, rank 78, percentile 60)

? Software (Q2, rank 247, percentile 50)

? Source Id: 144684

? Author Ids: 56422415400;7101795745;7005306316;56211628500

? Authoraffiliationids: 60032385-60025153;60025153;60025153;60032385

? Corresponding: Hedhli I.

60.

? Title: Polarimetric SAR change detection with the complex hotelling-lawley trace statistic

? Venue: IEEE Transactions on Geoscience and Remote Sensing

? Year: 2016

? Type: Journal

? Subtype: Article

? Citations: 96

? Doi: 10.1109/Tgrs.2016.2532320

? Scopus ID: 2-s2.0-84977938213

? Issn: 01962892

? Volume: 54

? Issue: 7

? Pages: 3953-3966

? Authors: Akbari Vahid; Anfinson Stian N.; Doulgeris Anthony P.; Eltoft Torbjorn; Moser Gabriele; Serpico Sebastiano B.

? Keywords: Change detection | complex Wishart distribution | Fisher-Snedecor (FS) distribution | Hotelling-Lawley trace (HLT) statistic | likelihood ratio test (LRT)

statistic | polarimetry | synthetic aperture radar (SAR)

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)

2016:

? Earth and Planetary Sciences (all) (Q1, rank 5, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 31, percentile 95)

? Source Id: 17360

? Author Ids: 57073546600;6504079727;23011573300;35585249500;7101795745;7005306316

? Authoraffiliationids: 60021255;60021255;60021255;60021255;60025153;60025153

? Corresponding: Akbari V.

61.

? Title: Foreword to the Special Issue on the 2015 IEEE International Geoscience and Remote Sensing Symposium

? Venue: IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing

? Year: 2016

? Type: Journal

? Subtype: Editorial

? Citations: 0

? Doi: 10.1109/Jstars.2016.2578098

? Scopus ID: 2-s2.0-84978237376

? Issn: 19391404

? eISSN: 21511535

? Volume: 9

? Issue: 6

? Pages: 2101-2103

? Authors: Serpico S. B.; Pascazio V.; Bruzzone L.; Gamba P.

? Quartile:

2025:

? Atmospheric Science (Q1, rank 19, percentile 87)

? Computers in Earth Sciences (Q1, rank 11, percentile 86)

2016:

? Computers in Earth Sciences (Q1, rank 6, percentile 82)

? Atmospheric Science (Q1, rank 20, percentile 81)

? Source Id: 17700155033

? Author Ids: 7005306316;7003486376;7006892410;7007165803

? Authoraffiliationids: 60025153;60025235;60015986;60015197

? Corresponding: Serpico S.B.

62.

? Title: New hierarchical joint classification method for SAR-optical multiresolution remote sensing data

? Venue: 2015 23rd European Signal Processing Conference Eusipco 2015

? Year: 2015

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 7

? Doi: 10.1109/Eusipco.2015.7362485

? Scopus ID: 2-s2.0-84963957923

? Pages: 759-763

? Authors: Hedhli Ihsen; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane

? Keywords: hierarchical Markov random fields | multiresolution remote sensing images | Multisensor | supervised classification

? Source Id: 21100455902
? Author Ids: 56422415400;7101795745;7005306316;56211628500
? Authoraffiliationids: 60013373-60025153;60025153;60025153;60013373
? Corresponding: Hedhli I.

63.

? Title: Kernel-based learning for fault detection and identification in fuel cell systems
? Venue: Handbook of Pattern Recognition and Computer Vision 5th Edition
? Year: 2015
? Type: Book
? Subtype: Book Chapter
? Citations: 0
? Doi: 10.1142/9789814656535_0024
? Scopus ID: 2-s2.0-85118050156
? Pages: 455-472
? Authors: Moser Gabriele; Costamagna Paola; De Giorgi Andrea; Pellaco Lissy; Trucco Andrea; Serpico Sebastiano B.
? Source Id: 21101063119
? Author Ids: 7101795745;7003269793;56195544300;56195782300;7007035725;7005306316
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Moser G.

64.

? Title: New cascade model for hierarchical joint classification of multisensor and multiresolution remote sensing data
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Igarss.2015.7326075
? Scopus ID: 2-s2.0-84962549651
? Volume: 2015-November
? Pages: 1543-1546
? Authors: Hedhli Ihsen; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: hierarchical Markov random fields | multiresolution remote sensing images | Multisensor | supervised classification
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2015:
? Earth and Planetary Sciences (all) (Q3, rank 103, percentile 40)
? Computer Science Applications (Q4, rank 415, percentile 18)
? Source Id: 82000
? Author Ids: 56422415400;7101795745;7005306316;56211628500
? Authoraffiliationids: 60013373-60025153;60025153;60025153;60013373
? Corresponding: Hedhli I.

65.

? Title: An active learning heuristic using spectral and spatial information for MRF-based classification
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper

? Citations: 0
? Doi: 10.1109/Igarss.2015.7326791
? Scopus ID: 2-s2.0-84962542079
? Volume: 2015-November
? Pages: 4356-4359
? Authors: Hu Bo; Moser Gabriele; Serpico Sebastiano B.; Li Peijun
? Keywords: active learning | Image classification | Markov random field | potential parameter estimation | spatial information
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2015:
? Earth and Planetary Sciences (all) (Q3, rank 103, percentile 40)
? Computer Science Applications (Q4, rank 415, percentile 18)
? Source Id: 82000
? Author Ids: 56421029200;7101795745;7005306316;56040925600
? Authoraffiliationids: 60014966;60025153;60025153;60014966
? Corresponding: Hu B.

66.

? Title: Parameter optimization for Markov random field models for remote sensing image classification through sequential minimal optimization
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Doi: 10.1109/Igarss.2015.7326279
? Scopus ID: 2-s2.0-84962541873
? Volume: 2015-November
? Pages: 2346-2349
? Authors: De Giorgi Andrea; Moser Gabriele; Serpico Sebastiano B.
? Keywords: Markov random field | Parameter optimization | sequential minimal optimization
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2015:
? Earth and Planetary Sciences (all) (Q3, rank 103, percentile 40)
? Computer Science Applications (Q4, rank 415, percentile 18)
? Source Id: 82000
? Author Ids: 56195544300;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: De Giorgi A.

67.

? Title: Welcome from the general co-chairs
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2015
? Type: Conference Proceeding
? Subtype: Editorial
? Citations: 0
? Doi: 10.1109/Igarss.2015.7325678
? Scopus ID: 2-s2.0-84962509718

? Volume: 2015-November
? Pages: xii
? Authors: Pascazio Vito; Serpico Sebastiano B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2015:
? Earth and Planetary Sciences (all) (Q3, rank 103, percentile 40)
? Computer Science Applications (Q4, rank 415, percentile 18)
? Source Id: 82000
? Author Ids: 7003486376;7005306316
? Corresponding: Pascazio V.

68.

? Title: The URBIS project: Vacant urban area classification and detection of changes
? Venue: 2015 Joint Urban Remote Sensing Event Jurse 2015
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Jurse.2015.7120532
? Scopus ID: 2-s2.0-84938839306
? Authors: Moser Gabriele; Krylov Vladimir; De Martino Michaela; Serpico Sebastiano
? Source Id: 21100403414
? Author Ids: 7101795745;57202676994;7102899067;7005306316
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Moser G.

69.

? Title: Classification of multispectral remote-sensing images by neural networks
? Venue: European Signal Processing Conference
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-85113849543
? Issn: 22195491
? Authors: Roli F.; Serpico S. B.; Bruzzone L.; Vernazza G.
? Quartile:
2025:
? Signal Processing (Q3, rank 109, percentile 44)
? Electrical and Electronic Engineering (Q3, rank 573, percentile 42)
? Source Id: 21100204301
? Author Ids: 57194734588;7005306316;7006892410;7005048304
? Authoraffiliationids: 60032259;60025153;60025153;60032259
? Corresponding: Roli F.

70.

? Title: Estimation of air surface temperature from remote sensing images and pixelwise modeling of the estimation uncertainty through support vector machines
? Venue: IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing
? Year: 2015
? Type: Journal
? Subtype: Article
? Citations: 15

? Doi: 10.1109/Jstars.2014.2361862
? Scopus ID: 2-s2.0-84929470782
? Issn: 19391404
? eISSN: 21511535
? Volume: 8
? Issue: 1
? Pages: 332-349
? Authors: Moser Gabriele; De Martino Michaela; Serpico Sebastiano B.
? Keywords: Air temperature estimation | Clark's approximation | expectation-maximization | nonstationary parameter estimation | Powell's algorithm | span bound | support vector machine (SVM)
? Quartile:
2025:
? Atmospheric Science (Q1, rank 19, percentile 87)
? Computers in Earth Sciences (Q1, rank 11, percentile 86)
2015:
? Atmospheric Science (Q1, rank 17, percentile 83)
? Computers in Earth Sciences (Q1, rank 5, percentile 83)
? Source Id: 17700155033
? Author Ids: 7101795745;7102899067;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Moser G.

71.

? Title: An automated flood detection framework for very high spatial resolution imagery
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 11
? Doi: 10.1109/Igarss.2014.6947607
? Scopus ID: 2-s2.0-84911452124
? Pages: 4954-4957
? Authors: Scarsi Andrea; Emery William J.; Moser Gabriele; Pacifici Fabio; Serpico Sebastiano B.
? Keywords: flood damage | mean shift | normalized difference index | surface reflectance | Unsupervised change detection
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2014:
? Earth and Planetary Sciences (all) (Q3, rank 99, percentile 42)
? Computer Science Applications (Q4, rank 398, percentile 20)
? Source Id: 82000
? Author Ids: 56422150500;35598959400;7101795745;21934918000;7005306316
? Authoraffiliationids: 60025153;60000221;60025153;;60025153
? Corresponding: Scarsi A.

72.

? Title: The SEAGOSS project: Monitoring coastal seawater in Italy by remote sensing data
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2014
? Type: Conference Proceeding

? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1109/Igarss.2014.6947480
? Scopus ID: 2-s2.0-84911446521
? Pages: 4454-4457
? Authors: De Martino Michaela; Dellepiane Silvana; Gemme Laura; Moser Gabriele; Serpico Sebastiano B.; Toma Matteo; Degano Cristiana; Loiaconi Aldo; Mainenti Ilaria; Cusati Luis Alberto; Pedroncini Andrea
? Keywords: Coastal monitoring | marine circulation model | oil slicks | satellite data | Support Vector Machines
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2014:
? Earth and Planetary Sciences (all) (Q3, rank 99, percentile 42)
? Computer Science Applications (Q4, rank 398, percentile 20)
? Source Id: 82000
? Author Ids: 7102899067;7004291247;56422411700;7101795745;7005306316;56041324800;6602277633;56422493200;56422305300;56362914400;56363169900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;101838253;101838253;101838253;115905199;115905199
? Corresponding: De Martino M.

73.

? Title: Contextual remote-sensing image classification through support vector machines, Markov random fields and graph cuts
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Doi: 10.1109/Igarss.2014.6947292
? Scopus ID: 2-s2.0-84911435752
? Pages: 3722-3725
? Authors: De Giorgi Andrea; Moser Gabriele; Serpico Sebastiano B.
? Keywords: graph cuts | Markov random fields | Support vector machines
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2014:
? Earth and Planetary Sciences (all) (Q3, rank 99, percentile 42)
? Computer Science Applications (Q4, rank 398, percentile 20)
? Source Id: 82000
? Author Ids: 56195544300;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: De Giorgi A.

74.

? Title: Fusion of multitemporal and multiresolution remote sensing data and application to natural disasters
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper

? Citations: 3
? Doi: 10.1109/Igarss.2014.6946393
? Scopus ID: 2-s2.0-84911404394
? Pages: 207-210
? Authors: Hedhli Ihsen; Moser Gabriele; Zerubia Josiane; Serpico Sebastiano B.
? Keywords: hierarchical Markov random fields | maximizer of posterior marginals | multiresolution data | Natural disasters | supervised classification
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2014:
? Earth and Planetary Sciences (all) (Q3, rank 99, percentile 42)
? Computer Science Applications (Q4, rank 398, percentile 20)
? Source Id: 82000
? Author Ids: 56422415400;7101795745;56211628500;7005306316
? Authoraffiliationids: 60032385-60025153;60025153;60032385;60025153
? Corresponding: Hedhli I.

75.

? Title: Air surface temperature estimation from satellite thermal infrared time series and pixelwise modeling of the estimation uncertainty through support vector machines
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Igarss.2014.6947605
? Scopus ID: 2-s2.0-84911397610
? Pages: 4946-4949
? Authors: Moser Gabriele; De Martino Michaela; Serpico Sebastiano B.
? Keywords: Air temperature estimation | Clark's approximation | expectation-maximization | nonstationary parameter estimation | span bound | support vector machine
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2014:
? Earth and Planetary Sciences (all) (Q3, rank 99, percentile 42)
? Computer Science Applications (Q4, rank 398, percentile 20)
? Source Id: 82000
? Author Ids: 7101795745;7102899067;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Moser G.

76.

? Title: Kernel-based classification in complex-valued feature spaces for polarimetric SAR data
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? Doi: 10.1109/Igarss.2014.6946661
? Scopus ID: 2-s2.0-84911360893
? Pages: 1257-1260

? Authors: Moser Gabriele; Serpico Sebastiano B.
? Keywords: Markov random field (MRF) | Polarimetric SAR | reproducing kernel Hilbert space (RKHS) | support vector machine (SVM)
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2014:
? Earth and Planetary Sciences (all) (Q3, rank 99, percentile 42)
? Computer Science Applications (Q4, rank 398, percentile 20)
? Source Id: 82000
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Moser G.

77.

? Title: New cascade model for hierarchical joint classification of multitemporal, multiresolution and multisensor remote sensing data
? Venue: 2014 IEEE International Conference on Image Processing Icip 2014
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 12
? Doi: 10.1109/Icip.2014.7026062
? Scopus ID: 2-s2.0-84949926414
? Pages: 5247-5251
? Authors: Hedhli Ihsen; Moser Gabriele; Zerubia Josiane; Serpico Sebastiano B.
? Keywords: hierarchical multiresolution Markov random fields | Image time series | Multitemporal classification
? Source Id: 21100395901
? Author Ids: 56422415400;7101795745;56211628500;7005306316
? Authoraffiliationids: 60032385-60025153;60025153;60032385;60025153
? Corresponding: Hedhli I.

78.

? Title: IGARSS 2015 in milan-an astounding combination of a vibrant Italian city and the magnificent EXPO [Conference Reports]
? Venue: IEEE Geoscience and Remote Sensing Magazine
? Year: 2014
? Type: Trade Journal
? Subtype: Article
? Citations: 0
? Doi: 10.1109/Mgrs.2014.2365852
? Scopus ID: 2-s2.0-84921928675
? Issn: 24732397
? eISSN: 21686831
? Volume: 2
? Issue: 4
? Pages: 76-80
? Authors: Serpico Sebastiano Bruno; Pascasio Vito; Magli Enrico
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 1, percentile 99)
? Instrumentation (Q1, rank 2, percentile 99)
? Electrical and Electronic Engineering (Q1, rank 10, percentile 99)
? Computer Science (all) (Q1, rank 3, percentile 98)

2014:

- ? Earth and Planetary Sciences (all) (Q1, rank 42, percentile 75)
- ? Computer Science (all) (Q2, rank 53, percentile 73)
- ? Electrical and Electronic Engineering (Q2, rank 211, percentile 67)
- ? Instrumentation (Q2, rank 33, percentile 67)

? Source Id: 21100338322

? Author Ids: 7005306316;7003486376;7003771643

? Authoraffiliationids: 60025153;60017293;60012162

? Corresponding: Serpico S.B.

79.

? Title: Supervised classification of multisensor and multiresolution remote sensing images with a hierarchical copula-based approach

? Venue: IEEE Transactions on Geoscience and Remote Sensing

? Year: 2014

? Type: Journal

? Subtype: Article

? Citations: 60

? Doi: 10.1109/Tgrs.2013.2272581

? Scopus ID: 2-s2.0-84896405772

? Issn: 01962892

? Volume: 52

? Issue: 6

? Pages: 3346-3358

? Authors: Voisin Aurelie; Krylov Vladimir A.; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane

? Keywords: Hierarchical Markov random fields (MRFs) | multiresolution data | multisensor remote sensing images | Supervised classification

? Quartile:

2025:

- ? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
- ? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)

2014:

- ? Earth and Planetary Sciences (all) (Q1, rank 3, percentile 98)
- ? Electrical and Electronic Engineering (Q1, rank 36, percentile 94)

? Source Id: 17360

? Author Ids: 36659910500;57202676994;7101795745;7005306316;56211628500

? Authoraffiliationids: 60032385;60022148;60025153;60025153;60032385

? Corresponding: Voisin A.

80.

? Title: A multiscale contextual approach to change detection in multisensor VHR remote sensing images

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2013

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1109/Igarss.2013.6723567

? Scopus ID: 2-s2.0-84894261858

? Pages: 3435-3438

? Authors: Moser Gabriele; De Martino Michaela; Serpico Sebastiano B.

? Keywords: Graph cuts | Markov random fields | Multiscale segmentation | Multisensor data fusion | Region-based analysis | Unsupervised change detection

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2013:

? Earth and Planetary Sciences (all) (Q3, rank 93, percentile 44)

? Computer Science Applications (Q4, rank 388, percentile 20)

? Source Id: 82000

? Author Ids: 7101795745;7102899067;7005306316

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Moser G.

81.

? Title: Multiresolution SAR data fusion for unsupervised change detection

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2013

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Doi: 10.1109/Igarss.2013.6723003

? Scopus ID: 2-s2.0-84894251934

? Pages: 1234-1237

? Authors: Moser Gabriele; Serpico Sebastiano B.; Vernazza Gianni

? Keywords: generalized Gaussians | graph cuts | iterated conditional expectation |

Markov random fields | Multiresolution fusion | unsupervised change detection

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2013:

? Earth and Planetary Sciences (all) (Q3, rank 93, percentile 44)

? Computer Science Applications (Q4, rank 388, percentile 20)

? Source Id: 82000

? Author Ids: 7101795745;7005306316;7005048304

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Moser G.

82.

? Title: On the method of logarithmic cumulants for parametric probability density function estimation

? Venue: IEEE Transactions on Image Processing

? Year: 2013

? Type: Journal

? Subtype: Article

? Citations: 97

? Doi: 10.1109/Tip.2013.2262285

? Scopus ID: 2-s2.0-84883337089

? Issn: 10577149

? Volume: 22

? Issue: 10

? Pages: 3791-3806

? Authors: Krylov Vladimir A.; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane

? Keywords: generalized gamma distribution | image classification | K-distribution |

parameter estimation | Probability density function | strong consistency

? Quartile:

2025:

? Computer Graphics and Computer-Aided Design (Q1, rank 3, percentile 98)

? Software (Q1, rank 15, percentile 97)

2013:

? Computer Graphics and Computer-Aided Design (Q1, rank 2, percentile 97)

? Software (Q1, rank 14, percentile 96)

? Subject (Q1, rank 312, percentile 90)

? Source Id: 25534

? Author Ids: 57202676994;7101795745;7005306316;56211628500

? Authoraffiliationids: 60022148;60025153;60025153;60032385

? Corresponding: Krylov V.A.

83.

? Title: Land-cover mapping by markov modeling of spatial-contextual information in very-high-resolution remote sensing images

? Venue: Proceedings of the IEEE

? Year: 2013

? Type: Journal

? Subtype: Article

? Citations: 225

? Doi: 10.1109/Jproc.2012.2211551

? Scopus ID: 2-s2.0-84947648698

? Issn: 00189219

? Volume: 101

? Issue: 3

? Pages: 631-651

? Authors: Moser Gabriele; Serpico Sebastiano B.; Benediktsson Jón Atli

? Keywords: Data fusion | land-cover mapping | Markov models | Markov random fields | remote sensing image classification

? Quartile:

2025:

? Electrical and Electronic Engineering (Q1, rank 3, percentile 99)

? Computer Science (all) (Q1, rank 2, percentile 99)

2013:

? Electrical and Electronic Engineering (Q1, rank 7, percentile 98)

? Source Id: 17915

? Author Ids: 7101795745;7005306316;7004494483

? Authoraffiliationids: 60025153;60025153;60071113

? Corresponding: Moser G.

84.

? Title: False discovery rate approach to image change detection

? Venue: 2013 IEEE International Conference on Image Processing Icip 2013 Proceedings

? Year: 2013

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.1109/Icip.2013.6738787

? Scopus ID: 2-s2.0-84897811359

? Pages: 3820-3824

? Authors: Krylov Vladimir A.; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane

? Keywords: Change detection | false discovery rate | statistical hypothesis testing | still camera

? Source Id: 21100293204

? Author Ids: 57202676994;7101795745;7005306316;56211628500

? Authoraffiliationids: 60032385-60022148;60025153;60025153;60032385

? Corresponding: Krylov V.A.

85.

? Title: Classification of very high resolution SAR images of urban areas using copulas

and texture in a hierarchical Markov random field model
 ? Venue: IEEE Geoscience and Remote Sensing Letters
 ? Year: 2013
 ? Type: Journal
 ? Subtype: Article
 ? Citations: 67
 ? Doi: 10.1109/Lgrs.2012.2193869
 ? Scopus ID: 2-s2.0-84887622644
 ? Issn: 1545598x
 ? Volume: 10
 ? Issue: 1
 ? Pages: 96-100
 ? Authors: Voisin Aur[^]lie; Krylov Vladimir A.; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
 ? Keywords: Hierarchical Markov random fields (MRFs) | Supervised classification | Synthetic aperture radar (SAR) | Textural features | Urban areas | Wavelets
 ? Quartile:
 2025:
 ? Geotechnical Engineering and Engineering Geology (Q1, rank 22, percentile 91)
 ? Electrical and Electronic Engineering (Q1, rank 90, percentile 91)
 2013:
 ? Geotechnical Engineering and Engineering Geology (Q1, rank 6, percentile 96)
 ? Electrical and Electronic Engineering (Q1, rank 102, percentile 83)
 ? Source Id: 17259
 ? Author Ids: 36659910500;57202676994;7101795745;7005306316;56211628500
 ? Authoraffiliationids: 60013373;60013373;60025153;60025153;60013373
 ? Corresponding: Voisin A.

86.

? Title: Combining support vector machines and Markov random fields in an integrated framework for contextual image classification
 ? Venue: IEEE Transactions on Geoscience and Remote Sensing
 ? Year: 2013
 ? Type: Journal
 ? Subtype: Article
 ? Citations: 164
 ? Doi: 10.1109/Tgrs.2012.2211882
 ? Scopus ID: 2-s2.0-84885019653
 ? Issn: 01962892
 ? Volume: 51
 ? Issue: 5
 ? Pages: 2734-2752
 ? Authors: Moser Gabriele; Serpico Sebastiano B.
 ? Keywords: Contextual image classification | Ho-Kashyap algorithm | Markov random fields | Powell algorithm | Span bound | Support vector machines (SVMs)
 ? Quartile:
 2025:
 ? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
 ? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
 2013:
 ? Earth and Planetary Sciences (all) (Q1, rank 3, percentile 98)
 ? Electrical and Electronic Engineering (Q1, rank 34, percentile 94)
 ? Source Id: 17360
 ? Author Ids: 7101795745;7005306316
 ? Authoraffiliationids: 60025153;60025153

? Corresponding: Moser G.

87.

? Title: A textural-contextual model for unsupervised segmentation of multipolarization synthetic aperture radar images

? Venue: IEEE Transactions on Geoscience and Remote Sensing

? Year: 2013

? Type: Journal

? Subtype: Article

? Citations: 46

? Doi: 10.1109/Tgrs.2012.2211367

? Scopus ID: 2-s2.0-84875698943

? Issn: 01962892

? Volume: 51

? Issue: 4

? Pages: 2442-2453

? Authors: Akbari Vahid; Doulgeris Anthony P.; Moser Gabriele; Eltoft Torbjorn; Anfinssen Stian N.; Serpico Sebastiano B.

? Keywords: K-Wishart distribution | Markov random field (MRF) | polarimetric synthetic aperture radar (PolSAR) | stochastic expectation maximization (SEM) | unsupervised segmentation

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)

2013:

? Earth and Planetary Sciences (all) (Q1, rank 3, percentile 98)

? Electrical and Electronic Engineering (Q1, rank 34, percentile 94)

? Source Id: 17360

? Author Ids: 57073546600;23011573300;7101795745;35585249500;6504079727;7005306316

? Authoraffiliationids: 60021255;60021255;60025153;60021255;60021255;60025153

? Corresponding: Akbari V.

88.

? Title: Change detection with synthetic aperture radar images by Wilcoxon statistic likelihood ratio test

? Venue: Proceedings International Conference on Image Processing Icip

? Year: 2012

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 12

? Doi: 10.1109/Icip.2012.6467304

? Scopus ID: 2-s2.0-84875854142

? Issn: 15224880

? Pages: 2093-2096

? Authors: Krylov Vladimir A.; Moser Gabriele; Voisin Aurélie; Serpico Sebastiano B.; Zerubia Josiane

? Keywords: Change detection | hypothesis test | likelihood ratio test | synthetic aperture radar | Wilcoxon statistic

? Quartile:

2025:

? Computer Vision and Pattern Recognition (Q2, rank 64, percentile 62)

? Signal Processing (Q2, rank 78, percentile 60)

? Software (Q2, rank 247, percentile 50)

? Source Id: 144684

? Author Ids: 57202676994;7101795745;36659910500;7005306316;56211628500

? Authoraffiliationids: 60032385;60025153;60032385;60025153;60032385

? Corresponding: Krylov V.

89.

? Title: Development and validation of multitemporal image analysis methodologies for multirisk monitoring of critical structures and infrastructures

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2012

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.1109/Igarss.2012.6352359

? Scopus ID: 2-s2.0-84873207889

? Pages: 5506-5509

? Authors: Serpico Sebastiano B.; Bruzzone Lorenzo; Corsini Giovanni; Emery William J.;

Gamba Paolo; Garzelli Andrea; Mercier Gregoire; Zerubia Josiane; Acito Nicola; Aiazzi

Bruno; Bovolo Francesca; Dell'Acqua Fabio; De Martino Michaela; Diani Marco; Krylov

Vladimir; Lisini Gianni; Marin Carlo; Moser Gabriele; Voisin Aurelie; Zoppetti Claudia

? Keywords: change detection | data fusion | feature extraction | infrastructures |

Multirisk monitoring | urban areas

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2012:

? Earth and Planetary Sciences (all) (Q3, rank 91, percentile 44)

? Computer Science Applications (Q4, rank 394, percentile 15)

? Source Id: 82000

? Author Ids: 7005306316;7006892410;7103074007;35598959400;7007165803;7004594292;596310
24000;56211628500;8390872300;7004905120;9943212600;57196114762;7102899067;7003735775;57
202676994;6602456693;52663910700;7101795745;36659910500;52664578200

? Authoraffiliationids: 60025153;60015986;60028868;60000221;60015197;60002838-
60002324;60104222;60032385;60028868;60002838-

60002324;60015986;60015197;60025153;60028868;60032385;60015197;60015986;60025153;600323
85;60002838-60002324

? Corresponding: Serpico S.B.

90.

? Title: Unsupervised change detection with high-resolution SAR images by edge-preserving Markov random fields and graph-cuts

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2012

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 10

? Doi: 10.1109/Igarss.2012.6351112

? Scopus ID: 2-s2.0-84873158680

? Pages: 1984-1987

? Authors: Moser Gabriele; Serpico Sebastiano B.

? Keywords: expectation-maximization | graph cuts | line processes | Markov random fields | method of log-cumulants | Unsupervised change detection

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2012:

? Earth and Planetary Sciences (all) (Q3, rank 91, percentile 44)
? Computer Science Applications (Q4, rank 394, percentile 15)
? Source Id: 82000
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Moser G.

91.

? Title: Extracting information from remote sensing data for applications to flood monitoring and damage evaluation
? Venue: Proceedings of the 2012 Tyrrhenian Workshop on Advances in Radar and Remote Sensing from Earth Observation to Homeland Security Tywrrs 2012
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? DOI: 10.1109/TyWRRS.2012.6381142
? Scopus ID: 2-s2.0-84872038244
? Pages: 275-282
? Authors: Serpico Sebastiano B.; Dellepiane Silvana; Moser Gabriele; Angiati Elena; Boni Giorgio; Rudari Roberto; Candela Laura
? Source Id: 21100225602
? Author Ids: 7005306316;7004291247;7101795745;24075443000;7004208139;6507764404;8569203700
? Authoraffiliationids: 60025153;60025153;60025153;60025153;112224719;112224719;60031612
? Corresponding: Serpico S.B.

92.

? Title: Markov random field models for supervised land cover classification from very high resolution multispectral remote sensing images
? Venue: Proceedings of the 2012 Tyrrhenian Workshop on Advances in Radar and Remote Sensing from Earth Observation to Homeland Security Tywrrs 2012
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 7
? DOI: 10.1109/TyWRRS.2012.6381135
? Scopus ID: 2-s2.0-84872029486
? Pages: 235-242
? Authors: Moser Gabriele; Serpico Sebastiano B.; Benediktsson Jon Atli
? Source Id: 21100225602
? Author Ids: 7101795745;7005306316;7004494483
? Authoraffiliationids: 60025153;60025153;60071113
? Corresponding: Moser G.

93.

? Title: Classification of multi-sensor remote sensing images using an adaptive hierarchical Markovian model
? Venue: European Signal Processing Conference
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-84869756266
? Issn: 22195491
? Pages: 2511-2515

? Authors: Voisin Aur[^]lie; Krylov Vladimir A.; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: copulas | discrete wavelet transform | hierarchical Markov random fields | multi-sensor data | Supervised classification
? Quartile:
2025:
? Signal Processing (Q3, rank 109, percentile 44)
? Electrical and Electronic Engineering (Q3, rank 573, percentile 42)
? Source Id: 21100204301
? Author Ids: 36659910500;57202676994;7101795745;7005306316;56211628500
? Authoraffiliationids: 60032385;60032385;60025153;60025153;60032385
? Corresponding: Voisin A.

94.

? Title: Multichannel hierarchical image classification using multivariate copulas
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 7
? Doi: 10.1117/12.917298
? Scopus ID: 2-s2.0-84857942719
? Issn: 0277786x
? Volume: 8296
? Authors: Voisin Aur[^]lie; Krylov Vladimir A.; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: hierarchical Markov random fields | histological images | marginal posterior mode (MPM) | mixture models | multichannel data | multivariate copulas | supervised classification | synthetic aperture radar (SAR) | wavelet transform
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
2012:
? Electrical and Electronic Engineering (Q3, rank 387, percentile 37)
? Condensed Matter Physics (Q3, rank 274, percentile 29)
? Computer Science Applications (Q3, rank 343, percentile 26)
? Electronic, Optical and Magnetic Materials (Q3, rank 143, percentile 25)
? Applied Mathematics (Q3, rank 296, percentile 25)
? Source Id: 40067
? Author Ids: 36659910500;57202676994;7101795745;7005306316;56211628500
? Authoraffiliationids: 60032385;60032385;60025153;60025153;60032385
? Corresponding: Voisin A.

95.

? Title: Remote sensing of natural disasters
? Venue: Proceedings of the IEEE
? Year: 2012
? Type: Journal
? Subtype: Review
? Citations: 8
? Doi: 10.1109/Jproc.2012.2205835

? Scopus ID: 2-s2.0-84867321250
? Issn: 00189219
? Volume: 100
? Issue: 10
? Pages: 2794-2797
? Authors: Chen Kun Shan; Serpico Sebastiano B.; Smith James A.
? Quartile:
2025:
? Electrical and Electronic Engineering (Q1, rank 3, percentile 99)
? Computer Science (all) (Q1, rank 2, percentile 99)
2012:
? Electrical and Electronic Engineering (Q1, rank 3, percentile 99)
? Source Id: 17915
? Author Ids: 57137098900;7005306316;57203533765
? Authoraffiliationids: 60024666;60025153;60006337
? Corresponding: Chen K.S.

96.

? Title: Information extraction from remote sensing images for flood monitoring and damage evaluation
? Venue: Proceedings of the IEEE
? Year: 2012
? Type: Journal
? Subtype: Article
? Citations: 66
? Doi: 10.1109/Jproc.2012.2198030
? Scopus ID: 2-s2.0-84866550700
? Issn: 00189219
? Volume: 100
? Issue: 10
? Pages: 2946-2970
? Authors: Serpico Sebastiano B.; Dellepiane Silvana; Boni Giorgio; Moser Gabriele; Angiati Elena; Rudari Roberto
? Keywords: Damage evaluation | flood modeling | flood monitoring | image processing | pattern recognition | rapid mapping | remote sensing
? Quartile:
2025:
? Electrical and Electronic Engineering (Q1, rank 3, percentile 99)
? Computer Science (all) (Q1, rank 2, percentile 99)
2012:
? Electrical and Electronic Engineering (Q1, rank 3, percentile 99)
? Source Id: 17915
? Author Ids: 7005306316;7004291247;7004208139;7101795745;24075443000;6507764404
? Authoraffiliationids:
60025153;60025153;60025153-113086164;60025153;60025153;60025153-113086164
? Corresponding: Serpico S.B.

97.

? Title: Automatic extraction of ellipsoidal features for planetary image registration
? Venue: IEEE Geoscience and Remote Sensing Letters
? Year: 2012
? Type: Journal
? Subtype: Article
? Citations: 42
? Doi: 10.1109/Lgrs.2011.2161263
? Scopus ID: 2-s2.0-84655167239

? Issn: 1545598x
? Volume: 9
? Issue: 1
? Pages: 95-99
? Authors: Troglio Giulia; Le Moigne Jacqueline; Benediktsson Jn Atli; Moser Gabriele; Serpico Sebastiano B.
? Keywords: Crater detection | feature extraction | Hough transform | watershed segmentation
? Quartile:
2025:
? Geotechnical Engineering and Engineering Geology (Q1, rank 22, percentile 91)
? Electrical and Electronic Engineering (Q1, rank 90, percentile 91)
2012:
? Geotechnical Engineering and Engineering Geology (Q1, rank 5, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 89, percentile 85)
? Source Id: 17259
? Author Ids: 26322168600;55664867700;7004494483;7101795745;7005306316
? Authoraffiliationids: 60071113-60025153;60006337;60071113;60025153;60071113
? Corresponding: Troglio G.

98.

? Title: Multitemporal region-based classification of high-resolution images by Markov random fields and multiscale segmentation
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2011
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? Doi: 10.1109/Igarss.2011.6048908
? Scopus ID: 2-s2.0-80955172246
? Pages: 102-105
? Authors: Moser Gabriele; Serpico Sebastiano B.
? Keywords: high-resolution images | Markov random fields | multiscale segmentation | Multitemporal image classification | region-based classification
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
2011:
? Earth and Planetary Sciences (all) (Q3, rank 82, percentile 47)
? Computer Science Applications (Q4, rank 377, percentile 16)
? Source Id: 82000
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Moser G.

99.

? Title: A K-Wishart Markov random field model for clustering of polarimetric SAR imagery
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2011
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Doi: 10.1109/Igarss.2011.6049317
? Scopus ID: 2-s2.0-80955151174

? Pages: 1357-1360

? Authors: Akbari V.; Moser G.; Doulgeris A. P.; Anfinson S. N.; Eltoft T.; Serpico S. B.

? Keywords: expectation-maximization (EM) | K-Wishart | Markov Random Field (MRF) | Polarimetric synthetic aperture radar (PolSAR) | statistical modeling

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2011:

? Earth and Planetary Sciences (all) (Q3, rank 82, percentile 47)

? Computer Science Applications (Q4, rank 377, percentile 16)

? Source Id: 82000

? Author Ids: 57073546600;7101795745;23011573300;6504079727;35585249500;7005306316

? Authoraffiliationids: 60021255;60025153;60021255;60021255;60021255;60025153

? Corresponding: Akbari V.

100.

? Title: Contextual high-resolution image classification by Markovian data fusion, adaptive texture extraction, and multiscale segmentation

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2011

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 7

? Doi: 10.1109/Igarss.2011.6049402

? Scopus ID: 2-s2.0-80955131974

? Pages: 1155-1158

? Authors: Moser Gabriele; Serpico Sebastiano B.

? Keywords: adaptive texture extraction | High resolution image classification | Markov random fields | multiscale segmentation | multivariate semivariogram.

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

2011:

? Earth and Planetary Sciences (all) (Q3, rank 82, percentile 47)

? Computer Science Applications (Q4, rank 377, percentile 16)

? Source Id: 82000

? Author Ids: 7101795745;7005306316

? Authoraffiliationids: 60025153;60025153

? Corresponding: Moser G.

101.

? Title: Joint classification of panchromatic and multispectral images by multiresolution fusion through Markov random fields and graph cuts

? Venue: 17th DSP 2011 International Conference on Digital Signal Processing Proceedings

? Year: 2011

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 11

? Doi: 10.1109/Icdsp.2011.6005014

? Scopus ID: 2-s2.0-80053149706

? Authors: Moser Gabriele; Serpico Sebastiano B.

? Keywords: expectation-maximization | graph cuts | Ho-Kashyap's algorithm | Markov

random fields | Multiresolution image classification

? Source Id: 19900194917

? Author Ids: 7101795745;7005306316

? Authoraffiliationids: 60025153;60025153

? Corresponding: Moser G.

102.

? Title: Multiscale unsupervised change detection on optical images by Markov random fields and Wavelets

? Venue: IEEE Geoscience and Remote Sensing Letters

? Year: 2011

? Type: Journal

? Subtype: Article

? Citations: 64

? Doi: 10.1109/Lgrs.2010.2102333

? Scopus ID: 2-s2.0-79959748493

? Issn: 1545598x

? Volume: 8

? Issue: 4

? Pages: 725-729

? Authors: Moser Gabriele; Angiati Elena; Serpico Sebastiano B.

? Keywords: Besag's algorithm | discrete wavelet transforms | expectationmaximization (EM) | Markov random fields (MRFs) | multiscale change detection | unsupervised change detection

? Quartile:

2025:

? Geotechnical Engineering and Engineering Geology (Q1, rank 22, percentile 91)

? Electrical and Electronic Engineering (Q1, rank 90, percentile 91)

2011:

? Geotechnical Engineering and Engineering Geology (Q1, rank 4, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 103, percentile 82)

? Source Id: 17259

? Author Ids: 7101795745;24075443000;7005306316

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Moser G.

103.

? Title: Supervised high-resolution dual-polarization SAR image classification by finite mixtures and copulas

? Venue: IEEE Journal on Selected Topics in Signal Processing

? Year: 2011

? Type: Journal

? Subtype: Article

? Citations: 67

? Doi: 10.1109/Jstsp.2010.2103925

? Scopus ID: 2-s2.0-79957440319

? Issn: 19324553

? Volume: 5

? Issue: 3

? Pages: 554-566

? Authors: Krylov Vladimir A.; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane

? Keywords: Copula | dictionary-based pdf estimation | Markov random field | polarimetric synthetic aperture radar | probability density function (pdf) | supervised classification

? Quartile:

2025:

? Signal Processing (Q1, rank 1, percentile 99)
? Electrical and Electronic Engineering (Q1, rank 13, percentile 98)
2011:
? Signal Processing (Q1, rank 1, percentile 99)
? Electrical and Electronic Engineering (Q1, rank 16, percentile 97)
? Source Id: 5900153311
? Author Ids: 57202676994;7101795745;7005306316;56211628500
? Authoraffiliationids: 60007457-60110719;60025153;60025153;60110719
? Corresponding: Krylov V.

104.

? Title: Enhanced dictionary-based SAR amplitude distribution estimation and its validation with very high-resolution data
? Venue: IEEE Geoscience and Remote Sensing Letters
? Year: 2011
? Type: Journal
? Subtype: Article
? Citations: 42
? Doi: 10.1109/Lgrs.2010.2053517
? Scopus ID: 2-s2.0-78650964359
? Issn: 1545598x
? Volume: 8
? Issue: 1
? Pages: 148-152
? Authors: Krylov Vladimir A.; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: Finite mixture models | parametric estimation | probability density function estimation | stochastic expectation maximization (SEM) | synthetic aperture radar (SAR) images
? Quartile:
2025:
? Geotechnical Engineering and Engineering Geology (Q1, rank 22, percentile 91)
? Electrical and Electronic Engineering (Q1, rank 90, percentile 91)
2011:
? Geotechnical Engineering and Engineering Geology (Q1, rank 4, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 103, percentile 82)
? Source Id: 17259
? Author Ids: 57202676994;7101795745;7005306316;56211628500
? Authoraffiliationids: 60007457;60025153;60025153;60110719
? Corresponding: Krylov V.

105.

? Title: Classification of very high resolution SAR images of urban areas by dictionary-based mixture models, copulas and Markov random fields using textural features
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 2010
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 10
? Doi: 10.1117/12.865023
? Scopus ID: 2-s2.0-78649752714
? Issn: 0277786x
? Volume: 7830
? Authors: Voisin Aurélie; Moser Gabriele; Krylov Vladimir A.; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: Copulas | Markov Random Fields | Supervised classification | Synthetic

Aperture Radar (SAR) | Textural features | Urban areas

? Quartile:

2025:

? Instrumentation (Q4, rank 157, percentile 16)

? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)

? Computer Science Applications (Q4, rank 893, percentile 9)

? Applied Mathematics (Q4, rank 625, percentile 6)

? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)

? Condensed Matter Physics (Q4, rank 425, percentile 4)

? Source Id: 40067

? Author Ids: 36659910500;7101795745;57202676994;7005306316;56211628500

? Authoraffiliationids: 60032385;60025153;60032385-60007457;60025153;60032385

? Corresponding: Voisin A.

106.

? Title: Multichannel SAR image classification by finite mixtures, copula theory and Markov random fields

? Venue: Aip Conference Proceedings

? Year: 2010

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1063/1.3573633

? Scopus ID: 2-s2.0-79954566783

? Issn: 0094243x

? eISSN: 15517616

? Volume: 1305

? Pages: 319-326

? Authors: Krylov Vladimir A.; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane

? Keywords: amplitude | classification | copula | dictionary | Markov random field | multichannel SAR | probability density function estimation

? Quartile:

2025:

? Physics and Astronomy (all) (Q4, rank 221, percentile 11)

? Source Id: 26916

? Author Ids: 57202676994;7101795745;7005306316;56211628500

? Authoraffiliationids: 60007457-60032385;60025153;60025153;60032385

? Corresponding: Krylov V.A.

107.

? Title: A Markovian generalization of support vector machines for contextual supervised classification of hyperspectral images

? Venue: 2nd Workshop on Hyperspectral Image and Signal Processing Evolution in Remote Sensing Whispers 2010 Workshop Program

? Year: 2010

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1109/Whispers.2010.5594967

? Scopus ID: 2-s2.0-78649295409

? Authors: Moser Gabriele; Serpico Sebastiano B.

? Keywords: Band extraction | Hyperspectral image classification | Markov random fields | Support vector machines

? Source Id: 19700182426

? Author Ids: 7101795745;7005306316

? Authoraffiliationids: 60025153;60025153

? Corresponding: Moser G.

108.

? Title: High resolution SAR-image classification by Markov random fields and finite mixtures

? Venue: Proceedings of SPIE the International Society for Optical Engineering

? Year: 2010

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 10

? Doi: 10.1117/12.838594

? Scopus ID: 2-s2.0-77952035665

? Issn: 0277786x

? Volume: 7533

? Authors: Moser Gabriele; Krylov Vladimir; Serpico Sebastiano B.; Zerubia Josiane

? Keywords: Amplitude probability density | Copula | Dictionary | Markov random field |

SAR image classification | Stochastic expectation maximization

? Quartile:

2025:

? Instrumentation (Q4, rank 157, percentile 16)

? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)

? Computer Science Applications (Q4, rank 893, percentile 9)

? Applied Mathematics (Q4, rank 625, percentile 6)

? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)

? Condensed Matter Physics (Q4, rank 425, percentile 4)

? Source Id: 40067

? Author Ids: 7101795745;57202676994;7005306316;56211628500

? Authoraffiliationids: 60025153;60007457-60032385;60025153;60032385

? Corresponding: Moser G.

109.

? Title: Assimilation of SVM-based estimates of land surface temperature for the retrieval of surface energy balance components

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2010

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1109/Igarss.2010.5654392

? Scopus ID: 2-s2.0-78650917927

? Pages: 3668-3671

? Authors: Boni Giorgio; Martina Federica; Moser Gabriele; Serpico Sebastiano B.

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

? Source Id: 82000

? Author Ids: 7004208139;57521609300;7101795745;7005306316

? Authoraffiliationids: 126813332;126813332;60025153;60025153

? Corresponding: Boni G.

110.

? Title: Crater detection based on marked point processes

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2010

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 6
? Doi: 10.1109/Igarss.2010.5651044
? Scopus ID: 2-s2.0-78650912729
? Pages: 1378-1381
? Authors: Troglio Giulia; Benediktsson Jon A.; Moser Gabriele; Serpico Sebastiano B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 26322168600;7004494483;7101795745;7005306316
? Authoraffiliationids: 60025153-60071113;60071113;60025153;60025153
? Corresponding: Troglio G.

111.

? Title: Unsupervised change detection with very high-resolution SAR images by multiscale analysis and Markov random fields
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2010
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Doi: 10.1109/Igarss.2010.5652435
? Scopus ID: 2-s2.0-78650903027
? Pages: 3082-3085
? Authors: Moser Gabriele; Serpico Sebastiano B.
? Keywords: Generalized Gaussian distribution | Markov random fields | Unsupervised change detection | Very-high resolution synthetic aperture radar | Wavelets
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Moser G.

112.

? Title: Operational evaluation of damages in flooded areas combining Cosmo-SkyMed and multispectral optical images
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2010
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Igarss.2010.5651502
? Scopus ID: 2-s2.0-78650895079
? Pages: 2414-2417
? Authors: Angiati Elena; Boni Giorgio; Candela Laura; Castelli Fabio; Dellepiane Silvana; Delogu Fabio; Pintus Fabio; Rudari Roberto; Serpico Sebastiano B.; Traverso Stefania; Versace Cosimo
? Keywords: COSMO-SkyMed | Flood damage | Flooded areas
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)

? Source Id: 82000
? Author Ids: 24075443000;7004208139;8569203700;7102139089;7004291247;36815721600;14322478300;6507764404;7005306316;57520222000;14322604300
? Authoraffiliationids: 60025153;126813332;60031612;60021859;60025153;126813332;109902247;126813332;60025153;126813332;109901816
? Corresponding: Angiati E.

113.

? Title: Contextual remote-sensing image classification by support vector machines and Markov random fields
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2010
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 10
? Doi: 10.1109/Igarss.2010.5651182
? Scopus ID: 2-s2.0-78650861785
? Pages: 3728-3731
? Authors: Moser Gabriele; Serpico Sebastiano B.
? Keywords: Hierarchical clustering | Markov random fields | Parameter optimization | Support vector machines
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Moser G.

114.

? Title: Unsupervised change-detection in retinal images by a multiple-classifier approach
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
? Year: 2010
? Type: Book Series
? Subtype: Conference Paper
? Citations: 12
? Doi: 10.1007/978-3-642-12127-2_10
? Scopus ID: 2-s2.0-77952033677
? Issn: 03029743
? eISSN: 16113349
? Volume: 5997 Lncs
? Pages: 94-103
? Authors: Troglio Giulia; Alberti Marina; Benediksson Jón Atli; Moser Gabriele; Serpico Sebastiano Bruno; Stefánsson Einar
? Keywords: Bioimaging | Change detection | Multiple classifiers
? Quartile:
2025:
? Theoretical Computer Science (Q3, rank 70, percentile 48)
? Computer Science (all) (Q3, rank 129, percentile 46)
? Source Id: 25674
? Author Ids: 26322168600;7006310989;36019878600;7101795745;7005306316;7005607082
? Authoraffiliationids: 60025153-600711113;60025153;600711113;60025153;60025153;600711113
? Corresponding: Troglio G.

115.

? Title: Edge-preserving classification of high-resolution remote-sensing images by Markovian data fusion
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2009
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 9
? Doi: 10.1109/Igarss.2009.5417489
? Scopus ID: 2-s2.0-77951274144
? Volume: 4
? Pages: IV765-IV768
? Authors: Moser Gabriele; Serpico Sebastiano B.
? Keywords: Edge-preserving modeling | Line processes | Markovian data-fusion | Very high resolution images
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Moser G.

116.

? Title: Automatic unsupervised classification of snow-covered areas by decision-tree classification and minimum-error thresholding
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2009
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Igarss.2009.5418270
? Scopus ID: 2-s2.0-77951132282
? Volume: 2
? Pages: II1000-II1003
? Authors: Macchiavello Giorgia; Moser Gabriele; Boni Giorgio; Serpico Sebastiano B.
? Keywords: Image classification | Snow | Tree data structures | Unsupervised learning
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 8203206000;7101795745;7004208139;7005306316
? Authoraffiliationids: 102075139;60025153;102075139;60025153
? Corresponding: Macchiavello G.

117.

? Title: The opera project: EO-based flood risk management in Italy
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2009
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 17
? Doi: 10.1109/Igarss.2009.5418250
? Scopus ID: 2-s2.0-77951099508

? Volume: 2
 ? Pages: II929-II932
 ? Authors: Boni G.; Candela L.; Castelli F.; Dellepiane S.; Palandri M.; Persi D.; Pierdicca N.; Rudari R.; Serpico S.; Siccardi F.; Versace C.
 ? Keywords: Satellite applications | Synthetic aperture radar | Water
 ? Quartile:
 2025:
 ? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
 ? Computer Science Applications (Q3, rank 688, percentile 29)
 ? Source Id: 82000
 ? Author Ids: 7004208139;8569203700;7102139089;7004291247;36011994500;36011946100;6701394887;6507764404;7005306316;7003346742;14322604300
 ? Authoraffiliationids: 102075139;60031612;60021859;60025153;60073285;108445595;60032350;102075139;60025153;102075139;
 ? Corresponding: Boni G.

118.

? Title: A contextual multiscale unsupervised method for change detection with multitemporal remote-sensing images
 ? Venue: Isda 2009 9th International Conference on Intelligent Systems Design and Applications
 ? Year: 2009
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 6
 ? Doi: 10.1109/Isda.2009.102
 ? Scopus ID: 2-s2.0-77949507718
 ? Pages: 572-577
 ? Authors: Moser Gabriele; Angiati Elena; Serpico Sebastiano B.
 ? Keywords: Besag's algorithm | Discrete wavelet transforms | Expectation-maximization | Markov random fields | Multiscale change detection | Unsupervised change detection
 ? Source Id: 19700167108
 ? Author Ids: 7101795745;24075443000;7005306316
 ? Authoraffiliationids: 60025153;60025153;60025153
 ? Corresponding: Moser G.

119.

? Title: Land and Sea Surface Temperature Estimation by Support Vector Regression
 ? Venue: Kernel Methods for Remote Sensing Data Analysis
 ? Year: 2009
 ? Type: Book
 ? Subtype: Book Chapter
 ? Citations: 4
 ? DOI: 10.1002/9780470748992.ch13
 ? Scopus ID: 2-s2.0-67651169838
 ? Pages: 301-325
 ? Authors: Moser Gabriele; Serpico Sebastiano B.
 ? Keywords: Generalization-error bound concepts used by PSB | Land and sea surface temperature estimation by support vector regression | Land surface temperature (LST) and sea surface temperature (SST) and role in environmental models | LST - hydrological and meteorological models and satellite infrared remote sensing | Pixelwise probability distribution of SVR error | Pointwise statistical modelling of SVR error | SEVIRI instrument on board Meteosat Second Generation (MSG) | Split-window techniques (SWTs) in multiple TIR channels | Support vector classification (SVC) | SVR framework methods - automating parameter-optimization processes
 ? Source Id: 21100270670

? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Moser G.

120.

? Title: Unsupervised change detection from multichannel SAR data by Markovian data fusion
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 2009
? Type: Journal
? Subtype: Article
? Citations: 110
? Doi: 10.1109/Tgrs.2009.2012407
? Scopus ID: 2-s2.0-84870949573
? Issn: 01962892
? Volume: 47
? Issue: 7
? Pages: 2114-2128
? Authors: Moser Gabriele; Serpico Sebastiano B.
? Keywords: Change detection | Data fusion | Expectation maximization (EM) | Markov random fields (MRFs) | Multichannel SAR | Synthetic aperture radar (SAR)
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
? Source Id: 17360
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153-113259183
? Corresponding: Moser G.

121.

? Title: Modeling the error statistics in support vector regression of surface temperature from infrared data
? Venue: IEEE Geoscience and Remote Sensing Letters
? Year: 2009
? Type: Journal
? Subtype: Article
? Citations: 21
? Doi: 10.1109/Lgrs.2009.2015777
? Scopus ID: 2-s2.0-67651154157
? Issn: 1545598x
? Volume: 6
? Issue: 3
? Pages: 448-452
? Authors: Moser Gabriele; Serpico Sebastiano B.
? Keywords: Error estimation | Land surface temperature (LST) | Sea surface temperature (SST) | Supervised regression | Support vector machines (SVMs)
? Quartile:
2025:
? Geotechnical Engineering and Engineering Geology (Q1, rank 22, percentile 91)
? Electrical and Electronic Engineering (Q1, rank 90, percentile 91)
? Source Id: 17259
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Moser G.

122.

? Title: Dictionary-based probability density function estimation for High-resolution SAR data
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 2009
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? Doi: 10.1117/12.816102
? Scopus ID: 2-s2.0-65649102654
? Issn: 0277786x
? Volume: 7246
? Authors: Krylov Vladimir; Moser Gabriele; Serpico Sebastiano B.; Zerubia Josiane
? Keywords: Nite mixture models | Parametric estimation | Probability density function (pdf) | Stochastic expectation maximization (SEM) | Synthetic aperture radar (SAR) image
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 57202676994;7101795745;7005306316;56211628500
? Authoraffiliationids: 60007457-60032385;60025153;60025153;60032385
? Corresponding: Krylov V.

123.

? Title: Automatic parameter optimization for support vector regression for land and sea surface temperature estimation from remote sensing data
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 2009
? Type: Journal
? Subtype: Article
? Citations: 58
? Doi: 10.1109/Tgrs.2008.2005993
? Scopus ID: 2-s2.0-61349168387
? Issn: 01962892
? Volume: 47
? Issue: 3
? Pages: 909-921
? Authors: Moser Gabriele; Serpico Sebastiano B.
? Keywords: Generalization error bounds | Land surface temperature (LST) | Powell's method | Sea surface temperature (SST) | Supervised regression | Support vector machines (SVMs)
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
? Source Id: 17360
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153-105502276;60025153-105502276
? Corresponding: Moser G.

124.

? Title: Contextual classification of multisensor optical-sar remote sensing images
? Venue: Handbook of Pattern Recognition and Computer Vision Fourth Edition
? Year: 2009
? Type: Book
? Subtype: Book Chapter
? Citations: 1
? Doi: 10.1142/9789814273398_0013
? Scopus ID: 2-s2.0-84962548803
? Pages: 307-328
? Authors: Moser Gabriele; Gaetano Raffaele; Poggi Gianni; Scarpa Giuseppe; Serpico Sebastiano B.
? Source Id: 21100462851
? Author Ids: 7101795745;23491959900;7005255639;7004081145;7005306316
? Authoraffiliationids: 60025153;60017293;60017293;60017293;60025153
? Corresponding: Moser G.

125.

? Title: An a-contrario approach for unsupervised change detection in radar images
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2009
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Doi: 10.1109/Igarss.2009.5417327
? Scopus ID: 2-s2.0-77951267692
? Volume: 4
? Pages: 240-243
? Authors: Robin A.; Mercier G.; Moser G.; Serpico S.
? Keywords: Change detection | Kullback-Leibler divergence | Multiscale | Radar images
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 25223456100;59631024000;7101795745;7005306316
? Authoraffiliationids: 60008134-60016218;60008134;60025153;60025153
? Corresponding: Robin A.

126.

? Title: Automatic change detection of retinal images
? Venue: Ifmbe Proceedings
? Year: 2009
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Doi: 10.1007/978-3-642-03891-4_75
? Scopus ID: 2-s2.0-77950163758
? Issn: 16800737
? Volume: 25
? Issue: 11
? Pages: 281-284
? Authors: Troglio G.; Nappo A.; Benediktsson J. A.; Moser G.; Serpico S. B.; Stefansson E.
? Quartile:
2025:
? Bioengineering (Q4, rank 164, percentile 3)

- ? Biomedical Engineering (Q4, rank 326, percentile 2)
 ? Source Id: 19400157277
 ? Author Ids: 26322168600;23493146800;7004494483;7101795745;7005306316;7005607082
 ? Authoraffiliationids: 60025153-60071113;60025153;60071113;60025153;60025153;60071113
 ? Corresponding: Troglio G.
127.
 ? Title: Automatic extraction of planetary image features
 ? Venue: Proceedings 2009 3rd IEEE International Conference on Space Mission Challenges for Information Technology Smc IT 2009
 ? Year: 2009
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 9
 ? Doi: 10.1109/Smc-It.2009.32
 ? Scopus ID: 2-s2.0-70449110223
 ? Pages: 211-215
 ? Authors: Troglio G.; Benediktsson J. A.; Moser G.; Serpico S. B.; Moigne J. Le
 ? Keywords: Crater detection | Feature extraction | Image registration | Image segmentation
 ? Source Id: 19400157529
 ? Author Ids: 26322168600;7004494483;7101795745;7005306316;55664867700
 ? Authoraffiliationids: 60071113-60025153;60071113;60025153;60025153;60006337
 ? Corresponding: Troglio G.
128.
 ? Title: An environmental decision support system for an efficient monitoring and planning of woody biomass for energy production, with remote sensing aid
 ? Venue: Proc Iemss 4th Biennial Meeting Int Congress on Environmental Modelling and Software Integrating Sciences and Information Technology for Environmental Assessment and Decision Making Iemss 2008
 ? Year: 2008
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 0
 ? Scopus ID: 2-s2.0-84858315632
 ? Volume: 2
 ? Pages: 1255-1263
 ? Authors: Frombo F.; De Martino M.; Minciardi R.; Robba M.; Serpico S. B.
 ? Keywords: Environmental decision support system | Environmental modelling | Geographic information system | Remote sensing data
 ? Source Id: 21100199301
 ? Author Ids: 25642668200;7102899067;7005785660;7004979187;7005306316
 ? Authoraffiliationids: ;112692867;;112692867;112692867
 ? Corresponding: Frombo F.
129.
 ? Title: Study of information content of SAR images
 ? Venue: 2008 IEEE Radar Conference Radar 2008
 ? Year: 2008
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 3
 ? Doi: 10.1109/Radar.2008.4720890
 ? Scopus ID: 2-s2.0-61849148891
 ? Authors: Aragone M.; Caridi A.; Serpico S. B.; Moser G.; Cerra D.; Datcu M.
 ? Keywords: Gauss Markov Random Fields (GMRF) | Information Theory (IT) | Sar

? Source Id: 16800154720
? Author Ids: 6508236539;36940071500;7005306316;7101795745;26666527700;7004523124
? Authoraffiliationids: 60025153;60025153;60007798;60007798;60004903;60007798-60004903
? Corresponding: Aragone M.

130.

? Title: Unsupervised change detection from multichannel SAR data by Markov random fields
? Venue: Studies in Computational Intelligence
? Year: 2008
? Type: Book Series
? Subtype: Article
? Citations: 0
? Doi: 10.1007/978-3-540-79353-3_15
? Scopus ID: 2-s2.0-51849099922
? Issn: 1860949x
? Volume: 133
? Pages: 363-388
? Authors: Serpico Sebastiano B.; Moser Gabriele
? Quartile:
2025:
? Artificial Intelligence (Q3, rank 308, percentile 37)
? Source Id: 4900152708
? Author Ids: 7005306316;7101795745
? Authoraffiliationids: 60025153-105708092;60025153-105708092
? Corresponding: Serpico S.B.

131.

? Title: Conditional copulas for change detection in heterogeneous remote sensing images
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 2008
? Type: Journal
? Subtype: Article
? Citations: 189
? Doi: 10.1109/Tgrs.2008.916476
? Scopus ID: 2-s2.0-53349101395
? Issn: 01962892
? Volume: 46
? Issue: 5
? Pages: 1428-1441
? Authors: Mercier Gr^goire; Moser Gabriele; Serpico Sebastiano B.
? Keywords: Remote sensing
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
? Source Id: 17360
? Author Ids: 59631024000;7101795745;7005306316
? Authoraffiliationids: 60110235;60025153-105502276;60025153-105502276
? Corresponding: Mercier G.

132.

? Title: Region-based classification of multisensor optical-sar images
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2008
? Type: Conference Proceeding

? Subtype: Conference Paper
? Citations: 10
? Doi: 10.1109/Igarss.2008.4779661
? Scopus ID: 2-s2.0-67649813283
? Volume: 4
? Issue: 1
? Pages: 81-84
? Authors: Gaetano Raffaele; Moser Gabriele; Poggi Gianni; Scarpa Giuseppe; Serpico Sebastiano B.
? Keywords: Dependence tree | Markovian segmentation. | Multisensor image classification
| Optical-SAR data fusion
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 23491959900;7101795745;7005255639;7004081145;7005306316
? Authoraffiliationids: 60017293;60025153;60017293;60017293;60025153
? Corresponding: Gaetano R.

133.

? Title: Modelling the error statistics in support vector regression of surface temperature from infrared data
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Igarss.2008.4779550
? Scopus ID: 2-s2.0-67649766438
? Volume: 3
? Issue: 1
? Pages: 1115-1118
? Authors: Moser Gabriele; Serpico Sebastiano B.
? Keywords: Error estimation | Land surface temperature | Sea surface temperature | Supervised regression | Support vector machines
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Moser G.

134.

? Title: Classification of high-resolution images based on MRF fusion and multiscale segmentation
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 26
? Doi: 10.1109/Igarss.2008.4778981
? Scopus ID: 2-s2.0-66549093468
? Volume: 2

? Issue: 1
? Pages: 277-280
? Authors: Moser Gabriele; Serpico Sebastiano B.
? Keywords: Graph-based segmentation | Markov random fields | Multiscale data-fusion | Very high-resolution images
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Moser G.

135.

? Title: Automatic registration of retina images based on genetic techniques
? Venue: Proceedings of the 30th Annual International Conference of the IEEE Engineering in Medicine and Biology Society EMBS 08 Personalized Healthcare Through Technology
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 10
? DOI: 10.1109/iembs.2008.4650440
? Scopus ID: 2-s2.0-61849174754
? Pages: 5419-5424
? Authors: Troglio G.; Benediktsson J. A.; Serpico S. B.; Moser G.; Karlsson R. A.; Halldorsson G. H.; Stefansson E.
? Source Id: 21100987449
? Author Ids:
26322168600;7004494483;7005306316;7101795745;16230365800;57190372296;7005607082
? Authoraffiliationids:
60025153-600711113;600711113;60025153;60025153;600711113;600711113;600711113
? Corresponding: Troglio G.

136.

? Title: Conditional copula for change detection on heterogeneous SAR data
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 21
? Doi: 10.1109/Igarss.2007.4423324
? Scopus ID: 2-s2.0-82355164420
? Pages: 2394-2397
? Authors: Mercier Gr'goire; Moser Gabriele; Serpico Sebastiano
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 59631024000;7101795745;7005306316
? Authoraffiliationids: 60008134;60025153;60025153
? Corresponding: Mercier G.

137.

? Title: A SVM ensemble approach for spectral-contextual classification of optical high

spatial resolution imagery
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 16
? Doi: 10.1109/Igarss.2007.4423090
? Scopus ID: 2-s2.0-80455171714
? Pages: 1489-1492
? Authors: Zortea Maciel; De Martino Michaela; Serpico Sebastiano
? Keywords: Classification | Classifier ensemble | High spatial resolution imagery | Remote sensing | Support vector machines
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 22236154700;7102899067;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Zortea M.

138.

? Title: Multitemporal change detection by spectral and multivariate texture information
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Igarss.2007.4423202
? Scopus ID: 2-s2.0-79957908041
? Pages: 1922-1925
? Authors: Li Peijun; Moser Gabriele; Cheng Tao; Serpico Sebastiano B.; Ma Defeng
? Keywords: Change detection | Multitemporal data | Multivariate texture | Pseudo cross variogram
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 56040925600;7101795745;36820685200;7005306316;7402075387
? Authoraffiliationids: 60014966;60025153;60030835;60025153;60014966
? Corresponding: Li P.

139.

? Title: Unsupervised change detection by multichannel SAR data fusion
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Igarss.2007.4423948
? Scopus ID: 2-s2.0-67651200980
? Pages: 4854-4857
? Authors: Moser Gabriele; Serpico Sebastiano B.
? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

? Source Id: 82000

? Author Ids: 7101795745;7005306316

? Authoraffiliationids: 60025153;60025153

? Corresponding: Moser G.

140.

? Title: High resolution COSMO/SkyMed SAR data analysis for civil protection from flooding events

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 2007

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 10

? Doi: 10.1109/Igarss.2007.4422716

? Scopus ID: 2-s2.0-67651186011

? Pages: 6-9

? Authors: Boni Giorgio; Castelli Fabio; Ferraris Luca; Pierdicca Nazzareno; Serpico Sebastiano; Siccardi Franco

? Keywords: Change detection | Data fusion | Flood mapping | Fuzzy approach | Image classification | Probability density function estimation | SAR | Scattering mechanisms

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

? Source Id: 82000

? Author Ids: 7004208139;7102139089;7004055120;6701394887;7005306316;7003346742

? Authoraffiliationids: 105502276-60025153-105503681;60021859-105503681;105502276-60025153;60032350;105502276-60025153;105502276-60025153-105503681

? Corresponding: Boni G.

141.

? Title: Automatic land and sea surface temperature estimation from remote sensing data

? Venue: Proceedings of SPIE the International Society for Optical Engineering

? Year: 2007

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.1117/12.737464

? Scopus ID: 2-s2.0-42449161919

? Issn: 0277786x

? Volume: 6748

? Authors: Moser Gabriele; Serpico Sebastiano B.

? Keywords: Generalization error bounds | Land surface temperature | Powell's method | Sea surface temperature | Supervised regression | Support vector machines

? Quartile:

2025:

? Instrumentation (Q4, rank 157, percentile 16)

? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)

? Computer Science Applications (Q4, rank 893, percentile 9)

? Applied Mathematics (Q4, rank 625, percentile 6)

? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)

? Condensed Matter Physics (Q4, rank 425, percentile 4)

? Source Id: 40067

? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153-105708092;60025153-105708092
? Corresponding: Moser G.

142.

? Title: Multiscale unsupervised change detection by Markov random fields and wavelet transforms
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Doi: 10.1117/12.737465
? Scopus ID: 2-s2.0-42449146594
? Issn: 0277786x
? Volume: 6748
? Authors: Moser Gabriele; Angiati Elena; Serpico Sebastiano B.
? Keywords: Besag's algorithm | Discrete wavelet transforms | Expectation-maximization | Fields | Markov random | Unsupervised multiscale change detection
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7101795745;24075443000;7005306316
? Authoraffiliationids: 60025153-105708092;60025153;60025153-105708092
? Corresponding: Moser G.

143.

? Title: Investigation of an ensemble framework for classification of hyperspectral remote sensing data with nearly equal spectral response classes
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1117/12.738308
? Scopus ID: 2-s2.0-42449122260
? Issn: 0277786x
? Volume: 6748
? Authors: Zortea Maciel; Moser Gabriele; Serpico Sebastiano B.
? Keywords: AVIRIS data | Classification | Ensemble methods | Feature reduction | Hyperspectral data | Random forests | Remote sensing | Support vector machine
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067

? Author Ids: 22236154700;7101795745;7005306316
? Authoraffiliationids: 60025153-105708092;60025153-105708092;60025153-105708092
? Corresponding: Zortea M.

144.

? Title: A contextual change detection method for high-resolution optical images of urban areas
? Venue: 2007 Urban Remote Sensing Joint Event Urs
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Urs.2007.371784
? Scopus ID: 2-s2.0-34648822753
? Authors: Cannavacciuolo Lorenzo; Emery William; Moser Gabriele; Serpico Sebastiano B.
? Source Id: 7900153103
? Author Ids: 21933274200;35598959400;7101795745;7005306316
? Authoraffiliationids: 60025153;60154476;60025153;60025153
? Corresponding: Cannavacciuolo L.

145.

? Title: Unsupervised change detection from multichannel SAR images
? Venue: IEEE Geoscience and Remote Sensing Letters
? Year: 2007
? Type: Journal
? Subtype: Article
? Citations: 63
? Doi: 10.1109/Lgrs.2007.890549
? Scopus ID: 2-s2.0-34247350886
? Issn: 1545598x
? Volume: 4
? Issue: 2
? Pages: 278-282
? Authors: Moser Gabriele; Serpico Sebastiano; Vernazza Gianni
? Keywords: Expectation-maximization (EM) | Markov random field (MRF) | Multichannel synthetic aperture radar | Unsupervised change detection
? Quartile:
2025:
? Geotechnical Engineering and Engineering Geology (Q1, rank 22, percentile 91)
? Electrical and Electronic Engineering (Q1, rank 90, percentile 91)
? Source Id: 17259
? Author Ids: 7101795745;7005306316;7005048304
? Authoraffiliationids: 60000251-60025153;60000251-60025153;60000251-60025153
? Corresponding: Moser G.

146.

? Title: Extraction of spectral channels from hyperspectral images for classification purposes
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 2007
? Type: Journal
? Subtype: Article
? Citations: 136
? Doi: 10.1109/Tgrs.2006.886177
? Scopus ID: 2-s2.0-33846636871
? Issn: 01962892
? Volume: 45

? Issue: 2
? Pages: 484-495
? Authors: Serpico Sebastiano B.; Moser Gabriele
? Keywords: Feature extraction | Feature reduction | Hyperspectral images | Remote-sensing image classification | Spectral channels
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
? Source Id: 17360
? Author Ids: 7005306316;7101795745
? Authoraffiliationids: 60000251-60025153;60000251-60025153
? Corresponding: Serpico S.B.

147.

? Title: MRF-based remote-sensing image classification with automatic model parameter estimation
? Venue: Image Processing for Remote Sensing
? Year: 2007
? Type: Book
? Subtype: Book Chapter
? Citations: 2
? Scopus ID: 2-s2.0-85028045709
? Pages: 39-60
? Authors: Serpico Sebastiano B.; Moser Gabriele
? Source Id: 21100888196
? Author Ids: 7005306316;7101795745
? Authoraffiliationids: 60025153;60025153
? Corresponding: Serpico S.B.

148.

? Title: A spatio-spectral data fusion method for the detection of urban areas in optical high resolution images by a novel MRF model
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2006
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Igarss.2006.647
? Scopus ID: 2-s2.0-34948847997
? Pages: 2502-2505
? Authors: Causa Federico; Moser Gabriele; Serpico Sebastiano B.
? Keywords: High spatial resolution | Hybrid supervised/unsupervised classification | Markov random fields | Parameter optimization
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 14030984900;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Causa F.

149.

? Title: Land surface temperature estimation from passive satellite images using support vector machines
? Venue: International Geoscience and Remote Sensing Symposium IGARSS

- ? Year: 2006
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 8
 - ? Doi: 10.1109/Igarss.2006.546
 - ? Scopus ID: 2-s2.0-34948820560
 - ? Pages: 2109-2112
 - ? Authors: Serpico Sebastiano B.; De Martino Michaela; Moser Gabriele; Zortea Maciel
 - ? Keywords: Infrared satellite data | Land surface temperature | Support vector machines
 - ? Quartile:
 - 2025:
 - ? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
 - ? Computer Science Applications (Q3, rank 688, percentile 29)
 - ? Source Id: 82000
 - ? Author Ids: 7005306316;7102899067;7101795745;22236154700
 - ? Authoraffiliationids: 60025153;60025153;60025153;60025153
 - ? Corresponding: Serpico S.B.
- 150.
- ? Title: Generalized minimum-error thresholding for unsupervised change detection from SAR amplitude imagery
 - ? Venue: IEEE Transactions on Geoscience and Remote Sensing
 - ? Year: 2006
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 339
 - ? Doi: 10.1109/Tgrs.2006.876288
 - ? Scopus ID: 2-s2.0-34247344495
 - ? Issn: 01962892
 - ? Volume: 44
 - ? Issue: 10
 - ? Pages: 2972-2982
 - ? Authors: Moser Gabriele; Serpico Sebastiano B.
 - ? Keywords: Change detection | Kittler and illingworth method | Method of log-cumulants (MoLC) | Parametric density estimation | Synthetic aperture radar (SAR) | Thresholding
 - ? Quartile:
 - 2025:
 - ? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
 - ? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
 - ? Source Id: 17360
 - ? Author Ids: 7101795745;7005306316
 - ? Authoraffiliationids: 60025153;60025153
 - ? Corresponding: Moser G.
- 151.
- ? Title: Weight parameter optimization by the Ho-Kashyap algorithm in MRF models for supervised image classification
 - ? Venue: IEEE Transactions on Geoscience and Remote Sensing
 - ? Year: 2006
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 55
 - ? Doi: 10.1109/Tgrs.2006.881118
 - ? Scopus ID: 2-s2.0-33845678010
 - ? Issn: 01962892

- ? Volume: 44
? Issue: 12
? Pages: 3695-3705
? Authors: Serpico Sebastiano B.; Moser Gabriele
? Keywords: Automatic parameter setting | Ho-Kashyap (HK) algorithm | Iterated conditional mode (ICM) | Markov random field (MRF) | Remote-sensing image classification
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
? Source Id: 17360
? Author Ids: 7005306316;7101795745
? Authoraffiliationids: 60000251-60025153;60000251-60025153
? Corresponding: Serpico S.B.
152.
? Title: Feature Reduction for Classification Purpose
? Venue: Hyperspectral Data Exploitation Theory and Applications
? Year: 2006
? Type: Book
? Subtype: Book Chapter
? Citations: 3
? DOI: 10.1002/9780470124628.ch10
? Scopus ID: 2-s2.0-84885018324
? Pages: 245-274
? Authors: Serpico Sebastiano B.; Moser Gabriele; Cattoni Andrea F.
? Keywords: Feature reduction for classification purpose | Innovative feature-transformation methodology and numerical discrete search strategies | Proposed band-extraction method
? Source Id: 21100273566
? Author Ids: 7005306316;7101795745;14832346000
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Serpico S.B.
153.
? Title: SAR amplitude probability density function estimation based on a generalized Gaussian model
? Venue: IEEE Transactions on Image Processing
? Year: 2006
? Type: Journal
? Subtype: Article
? Citations: 143
? Doi: 10.1109/Tip.2006.871124
? Scopus ID: 2-s2.0-33646885204
? Issn: 10577149
? Volume: 15
? Issue: 6
? Pages: 1429-1442
? Authors: Moser Gabriele; Zerubia Josiane; Serpico Sebastiano B.
? Keywords: Generalized Gaussian (GG) | Parametric estimation | Probability density function (PDF) | Synthetic aperture radar (SAR)
? Quartile:
2025:
? Computer Graphics and Computer-Aided Design (Q1, rank 3, percentile 98)
? Software (Q1, rank 15, percentile 97)

? Source Id: 25534
? Author Ids: 7101795745;56211628500;7005306316
? Authoraffiliationids: 60025153;60032385;60025153
? Corresponding: Moser G.

154.

? Title: Cell algorithms with data inflation for non-parametric classification
? Venue: Pattern Recognition Letters
? Year: 2006
? Type: Journal
? Subtype: Article
? Citations: 8
? DOI: 10.1016/j.patrec.2005.11.001
? Scopus ID: 2-s2.0-33644859269
? Issn: 01678655
? Volume: 27
? Issue: 7
? Pages: 781-790
? Authors: Palau Alessandro; Melgani Farid; Serpico Sebastiano B.
? Keywords: Data inflation | k-NN classifier | Non-parametric classification
? Quartile:
2025:
? Signal Processing (Q1, rank 27, percentile 86)
? Computer Vision and Pattern Recognition (Q1, rank 29, percentile 83)
? Software (Q1, rank 112, percentile 77)
? Artificial Intelligence (Q1, rank 124, percentile 75)
? Source Id: 24825
? Author Ids: 57520050300;35613488300;7005306316
? Authoraffiliationids: 60025153;60015986;60025153
? Corresponding: Palau A.

155.

? Title: Mrf-based remote-sensing image classification with automatic model parameter estimation
? Venue: Signal and Image Processing for Remote Sensing
? Year: 2006
? Type: Book
? Subtype: Book Chapter
? Citations: 6
? Scopus ID: 2-s2.0-85056325222
? Pages: 305-326
? Authors: Serpico Sebastiano B.; Moser Gabriele
? Source Id: 21100885149
? Author Ids: 7005306316;7101795745
? Authoraffiliationids: 60025153;60025153
? Corresponding: Serpico S.B.

156.

? Title: Unsupervised change-detection in color fundus images of the human retina
? Venue: Proceedings of the 7th Nordic Signal Processing Symposium Norsig 2006
? Year: 2006
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1109/Norsig.2006.275211
? Scopus ID: 2-s2.0-39049154907
? Pages: 134-137

? Authors: Nappo A.; Benediktsson J. A.; Serpico S. B.; Joelsson S. R.; Moser G.; Karlsson R. A.; Halldorsson G. H.; Hardarson S. H.; Stefansson E.
? Source Id: 21100932915
? Author Ids: 23493146800;7004494483;7005306316;14031398800;7101795745;16230365800;57190372296;15056123700;7005607082
? Authoraffiliationids: 60025153;60071113;60025153;60071113;60025153;60071113;60071113;60071113
? Corresponding: Nappo A.

157.

? Title: Unsupervised change-detection from multi-channel SAR data
? Venue: Proceedings of the 7th Nordic Signal Processing Symposium Norsig 2006
? Year: 2006
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1109/Norsig.2006.275234
? Scopus ID: 2-s2.0-39049089117
? Pages: 246-249
? Authors: Moser Gabriele; Serpico Sebastiano B.
? Source Id: 21100932915
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Moser G.

158.

? Title: Dictionary-based stochastic expectation-maximization for SAR amplitude probability density function estimation
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 2006
? Type: Journal
? Subtype: Article
? Citations: 103
? Doi: 10.1109/Tgrs.2005.859349
? Scopus ID: 2-s2.0-31344481921
? Issn: 01962892
? Volume: 44
? Issue: 1
? Pages: 188-200
? Authors: Moser G.; Zerubia J.; Serpico S. B.
? Keywords: Data analysis | Dictionary-based stochastic expectation-maximization | Finite mixture model | Land-cover typology | Pixel intensity | Remote sensing | SAR amplitude probability density function estimation | Synthetic aperture radar
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
? Source Id: 17360
? Author Ids: 7101795745;56211628500;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Moser G.

159.

? Title: MRF model parameter estimation for contextual supervised classification of remote-sensing images
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2005

? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Igarss.2005.1526169
? Scopus ID: 2-s2.0-33745727802
? Volume: 1
? Pages: 308-311
? Authors: Moser Gabriele; Serpico Sebastiano B.; Causa Federico
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7101795745;7005306316;14030984900
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Moser G.

160.

? Title: Generalized minimum-error thresholding for unsupervised change detection from SAR amplitude imagery
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Igarss.2005.1526436
? Scopus ID: 2-s2.0-33745712974
? Volume: 3
? Pages: 2121-2124
? Authors: Moser Gabriele; Serpico Sebastiano B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7101795745;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Moser G.

161.

? Title: Forest mapping by partially supervised classification applied to vegetation indexes
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Igarss.2005.1526500
? Scopus ID: 2-s2.0-33745684195
? Volume: 5
? Pages: 3128-3131
? Authors: De Martino Michaela; Serpico Sebastiano B.; Camurri Caterina
? Keywords: Multispectral satellite data | Partially supervised classification | Vegetation mapping
? Quartile:
2025:

- ? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
 - ? Computer Science Applications (Q3, rank 688, percentile 29)
 - ? Source Id: 82000
 - ? Author Ids: 7102899067;7005306316;14031286700
 - ? Authoraffiliationids: 60025153;60025153;60025153
 - ? Corresponding: De Martino M.
- 162.
- ? Title: Foreword to the special issue on advances in techniques for analysis of remotely sensed data
 - ? Venue: IEEE Transactions on Geoscience and Remote Sensing
 - ? Year: 2005
 - ? Type: Journal
 - ? Subtype: Conference Paper
 - ? Citations: 2
 - ? Doi: 10.1109/Tgrs.2005.843752
 - ? Scopus ID: 2-s2.0-14644403645
 - ? Issn: 01962892
 - ? Volume: 43
 - ? Issue: 3
 - ? Pages: 411
 - ? Authors: Richards John A.; Crawford Melba M.; Kerkes John P.; Serpico Sebastiano B.; Tilton James C.
 - ? Quartile:
 - 2025:
 - ? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
 - ? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
 - ? Source Id: 17360
 - ? Author Ids: 7403706634;7402706393;8319918700;7005306316;7005093281
 - ? Authoraffiliationids: 60008950;60150401;60024592;60025153;60006337
 - ? Corresponding: Richards J.A.
- 163.
- ? Title: Partially supervised classification of remote sensing images through SVM-based probability density estimation
 - ? Venue: IEEE Transactions on Geoscience and Remote Sensing
 - ? Year: 2005
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 242
 - ? Doi: 10.1109/Tgrs.2004.842022
 - ? Scopus ID: 2-s2.0-14644402381
 - ? Issn: 01962892
 - ? Volume: 43
 - ? Issue: 3
 - ? Pages: 559-570
 - ? Authors: Mantero Paolo; Moser Gabriele; Serpico Sebastiano B.
 - ? Keywords: Probability density function (pdf) estimation | Supervised classification | Support vector machines (SVMs) | Unknown classes
 - ? Quartile:
 - 2025:
 - ? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
 - ? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
 - ? Source Id: 17360
 - ? Author Ids: 57193889525;7101795745;7005306316
 - ? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Mantero P.

164.

? Title: Automatic partially supervised classification of multitemporal remotely sensed images

? Venue: Proceedings of SPIE the International Society for Optical Engineering

? Year: 2004

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1117/12.567968

? Scopus ID: 2-s2.0-17644425308

? Issn: 0277786x

? Volume: 5573

? Pages: 126-137

? Authors: Moser Gabriele; Serpico Sebastiano B.; De Martino Michaela; Coppolino Daniele

? Keywords: Change detection | Clustering | Multitemporal classification | Partially supervised classification

? Quartile:

2025:

? Instrumentation (Q4, rank 157, percentile 16)

? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)

? Computer Science Applications (Q4, rank 893, percentile 9)

? Applied Mathematics (Q4, rank 625, percentile 6)

? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)

? Condensed Matter Physics (Q4, rank 425, percentile 4)

? Source Id: 40067

? Author Ids: 7101795745;7005306316;7102899067;8380886100

? Authoraffiliationids: 60025153;60025153;;60025153

? Corresponding: Moser G.

165.

? Title: SAR amplitude probability density function estimation based on a generalized Gaussian scattering model

? Venue: Proceedings of SPIE the International Society for Optical Engineering

? Year: 2004

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1117/12.567853

? Scopus ID: 2-s2.0-17644373081

? Issn: 0277786x

? Volume: 5573

? Pages: 307-318

? Authors: Moser Gabriele; Zerubia Josiane; Serpico Sebastiano B.

? Keywords: Generalized Gaussian | Parametric estimation | Probability density function | Synthetic Aperture Radar (SAR)

? Quartile:

2025:

? Instrumentation (Q4, rank 157, percentile 16)

? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)

? Computer Science Applications (Q4, rank 893, percentile 9)

? Applied Mathematics (Q4, rank 625, percentile 6)

? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)

? Condensed Matter Physics (Q4, rank 425, percentile 4)

? Source Id: 40067
? Author Ids: 7101795745;56211628500;7005306316
? Authoraffiliationids: 60025153;60110719;60025153
? Corresponding: Moser G.

166.

? Title: Finite mixture models and stochastic Expectation-Maximization for SAR amplitude probability density function estimation based on a dictionary of parametric families
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2004
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-15944425787
? Volume: 2
? Pages: 1510-1513
? Authors: Moser Gabriele; Zerubia Josiane; Serpico Sebastiano B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7101795745;56211628500;7005306316
? Authoraffiliationids: 60025153;60032385;60025153
? Corresponding: Moser G.

167.

? Title: Design of spectral channels for hyperspectral image classification
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2004
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Scopus ID: 2-s2.0-15944368976
? Volume: 2
? Pages: 956-959
? Authors: Serpico Sebastiane B.; D'Inc^ Massimo; Moser Gabriele
? Keywords: Feature transformation | Hyperspectral images | Image classification | Remote sensing | Spectral channel design
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7005306316;8314704700;7101795745
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Serpico S.B.

168.

? Title: Partially supervised classification of optical high spatial resolution images in urban environment using spectral and textural information
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2004
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 7

? Scopus ID: 2-s2.0-15944368123
? Volume: 1
? Pages: 77-80
? Authors: De Martino Michaela; Macchiavello Giorgia; Serpico Sebastiano B.
? Keywords: Feature selection | High spatial resolution data | Optical texture features
| Partially supervised classification
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7102899067;8203206000;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: De Martino M.

169.

? Title: SVM-based density estimation for supervised classification of remotely sensed images with unknown classes
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 2004
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1117/12.514179
? Scopus ID: 2-s2.0-1942535080
? Issn: 0277786x
? Volume: 5238
? Pages: 386-397
? Authors: Mantero P.; Moser G.; Serpico S. B.
? Keywords: Probability density function estimation | Supervised classification | Support vector Machines | Unknown classes
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 57193889525;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Mantero P.

170.

? Title: Partially supervised classification of remote sensing images using SVM-based probability density estimation
? Venue: 2003 IEEE Workshop on Advances in Techniques for Analysis of Remotely Sensed Data
? Year: 2004
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 21
? Doi: 10.1109/Warsd.2003.1295212
? Scopus ID: 2-s2.0-84945285861
? Pages: 327-336

? Authors: Mantero P.; Moser G.; Serpico S. B.
? Keywords: probability density function estimation | supervised classification | support vector machines | unknown classes
? Source Id: 21100420311
? Author Ids: 57193889525;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Mantero P.

171.

? Title: Partially Supervised Contextual Classification of Multitemporal Remotely Sensed Images
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2003
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Scopus ID: 2-s2.0-0242711394
? Volume: 2
? Pages: 1377-1379
? Authors: De Martino Michaela; Macchiavello Giorgia; Moser Gabriele; Serpico Sebastiano B.
? Keywords: Change detection | Contextual classification | Markov Random Fields | Multitemporal classification
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7102899067;8203206000;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: De Martino M.

172.

? Title: Classification of Optical High Resolution Images in Urban Environment Using Spectral and Textural Information
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2003
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 45
? Scopus ID: 2-s2.0-0242543183
? Volume: 1
? Pages: 467-469
? Authors: De Martino Michaela; Causa Federico; Serpico Sebastiane B.
? Keywords: Adaptive texture features | Feature selection | High resolution images | Supervised classification
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7102899067;14030984900;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: De Martino M.

173.

? Title: A Markov Random Field Approach to Spatio-Temporal Contextual Image

Classification

? Venue: IEEE Transactions on Geoscience and Remote Sensing

? Year: 2003

? Type: Journal

? Subtype: Article

? Citations: 144

? Doi: 10.1109/Tgrs.2003.817269

? Scopus ID: 2-s2.0-0344014352

? Issn: 01962892

? Volume: 41

? Issue: 11 Part I

? Pages: 2478-2487

? Authors: Melgani Farid; Serpico Sebastiane B.

? Keywords: Artificial neural networks, data fusion, Markov random fields (MRFs) |

Markov random field (MRF) parameter estimation | Multitemporal image classification |

Spatio-temporal context

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)

? Source Id: 17360

? Author Ids: 35613488300;7005306316

? Authoraffiliationids: 60015986;60025153

? Corresponding: Melgani F.

174.

? Title: Radial basis function and multilayer perceptron neural networks for sea water optically active parameter estimation in case II waters: A comparison

? Venue: International Journal of Remote Sensing

? Year: 2003

? Type: Journal

? Subtype: Article

? Citations: 32

? Doi: 10.1080/0143116031000103781

? Scopus ID: 2-s2.0-0142259818

? Issn: 01431161

? Volume: 24

? Issue: 20

? Pages: 3917-3931

? Authors: Corsini G.; Diani M.; Grasso R.; De Martino M.; Mantero P.; Serpico S. B.

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q1, rank 45, percentile 77)

? Source Id: 22674

? Author Ids: 7103074007;7003735775;7004608286;7102899067;57193889525;7005306316

? Authoraffiliationids: 60028868;60028868;60028868;;;

? Corresponding: Corsini G.

175.

? Title: A holographic system for subsea recording and analysis of plankton and other marine particles (HOLOMAR)

? Venue: Oceans Conference Record IEEE

? Year: 2003

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 9

? DOI: 10.1109/oceans.2003.178428
 ? Scopus ID: 2-s2.0-12144289913
 ? Issn: 01977385
 ? Volume: 2
 ? Pages: 830-837
 ? Authors: Watson John; Alexander S.; Chavidan V.; Craig G.; Diard A.; Foresti G. L.; Gentili S.; Hendry D. C.; Hobson P. R.; Lampitt R. S.; Nareid H.; Nebrensky J. J.; Pescetto A.; Pieroni G. G.; Player M. A.; Saw K.; Serpico S.; Tipping K.; Trucco A.
 ? Quartile:
 2025:
 ? Ocean Engineering (Q3, rank 84, percentile 28)
 ? Oceanography (Q4, rank 117, percentile 23)
 ? Source Id: 13654
 ? Author Ids: 35396124700;7402790968;57209898647;7101867237;6506549262;7006427233;7004229097;7006187679;35778258500;7004317264;6602567713;6602213411;6506761928;35584434700;23002014900;36800356200;7005306316;7801508249;7007035725
 ? Authoraffiliationids: 60015875;60015875;;60015875;100371427;60025965;60025965;60015875;60020623;60020623;60015875;60020623;60025153;60025965;60015875;60010934;60015875;60010934;60025153
 ? Corresponding: Watson J.

176.

? Title: Fusion of multitemporal contextual information by neural networks for multisensor remote sensing image classification
 ? Venue: Integrated Computer Aided Engineering
 ? Year: 2003
 ? Type: Journal
 ? Subtype: Article
 ? Citations: 12
 ? DOI: 10.3233/ica-2003-10108
 ? Scopus ID: 2-s2.0-0037285503
 ? Issn: 10692509
 ? Volume: 10
 ? Issue: 1
 ? Pages: 81-90
 ? Authors: Melgani Farid; Serpico Sebastiano B.; Vernazza Gianni
 ? Quartile:
 2025:
 ? Computational Theory and Mathematics (Q1, rank 13, percentile 93)
 ? Theoretical Computer Science (Q1, rank 11, percentile 92)
 ? Software (Q1, rank 49, percentile 90)
 ? Computer Science Applications (Q1, rank 108, percentile 89)
 ? Artificial Intelligence (Q1, rank 65, percentile 86)
 ? Source Id: 18197
 ? Author Ids: 35613488300;7005306316;7005048304
 ? Authoraffiliationids: 60025153;60025153;60025153
 ? Corresponding: Melgani F.

177.

? Title: A comparison of feature reduction techniques for classification of hyperspectral remote-sensing data
 ? Venue: Proceedings of SPIE the International Society for Optical Engineering
 ? Year: 2002
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 60

? Doi: 10.1117/12.463524
? Scopus ID: 2-s2.0-0038627541
? Issn: 0277786x
? Volume: 4885
? Pages: 347-358
? Authors: Serpico Sebastiano B.; D'Inc^ Massimo; Melgani Farid; Moser Gabriele
? Keywords: Feature extraction | Feature selection | Hyperspectral images | Image classification
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7005306316;8314704700;35613488300;7101795745
? Authoraffiliationids: 60025153;60025153;;60025153
? Corresponding: Serpico S.B.

178.

? Title: Unsupervised change-detection methods for remote-sensing images
? Venue: Optical Engineering
? Year: 2002
? Type: Journal
? Subtype: Article
? Citations: 127
? Doi: 10.1117/1.1518995
? Scopus ID: 2-s2.0-0036986484
? Issn: 00913286
? Volume: 41
? Issue: 12
? Pages: 3288-3297
? Authors: Melgani Farid; Moser Gabriele; Serpico Sebastiano B.
? Keywords: Change detection | Expectation-maximization algorithm | Pattern classification | Remote sensing | Thresholding
? Quartile:
2025:
? Engineering (all) (Q2, rank 164, percentile 52)
? Atomic and Molecular Physics, and Optics (Q3, rank 148, percentile 38)
? Source Id: 12316
? Author Ids: 35613488300;7101795745;7005306316
? Authoraffiliationids: 60015986;60025153;60025153
? Corresponding: Melgani F.

179.

? Title: A statistical approach to the fusion of spectral and spatio-temporal contextual information for the classification of remote-sensing images
? Venue: Pattern Recognition Letters
? Year: 2002
? Type: Journal
? Subtype: Article
? Citations: 65
? Doi: 10.1016/S0167-8655(02)00052-1
? Scopus ID: 2-s2.0-0036643380

? Issn: 01678655
? Volume: 23
? Issue: 9
? Pages: 1053-1061
? Authors: Melgani Farid; Serpico Sebastiano B.
? Keywords: Data fusion | Neural networks | Remote-sensing image classification | Spatio-temporal context
? Quartile:
2025:
? Signal Processing (Q1, rank 27, percentile 86)
? Computer Vision and Pattern Recognition (Q1, rank 29, percentile 83)
? Software (Q1, rank 112, percentile 77)
? Artificial Intelligence (Q1, rank 124, percentile 75)
? Source Id: 24825
? Author Ids: 35613488300;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Melgani F.

180.

? Title: Multisource data classification with dependence trees
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 2002
? Type: Journal
? Subtype: Article
? Citations: 31
? Doi: 10.1109/Tgrs.2002.1000321
? Scopus ID: 2-s2.0-0036508255
? Issn: 01962892
? Volume: 40
? Issue: 3
? Pages: 609-617
? Authors: Datcu Mihai; Melgani Farid; Piardi Andrea; Serpico Sebastiano B.
? Keywords: Dependence trees | Discrete probability distribution approximation | Multisource fusion | Parzen window approach | Remote sensing image classification
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
? Source Id: 17360
? Author Ids: 7004523124;35613488300;6506510272;7005306316
? Authoraffiliationids: 60007798;60025153;60025153;60000251-60025153
? Corresponding: Datcu M.

181.

? Title: Image fusion techniques for remote sensing applications
? Venue: Information Fusion
? Year: 2002
? Type: Journal
? Subtype: Article
? Citations: 378
? Doi: 10.1016/S1566-2535(01)00056-2
? Scopus ID: 2-s2.0-0036495833
? Issn: 15662535
? Volume: 3
? Issue: 1
? Pages: 3-15

? Authors: Simone G.; Farina A.; Morabito F. C.; Serpico S. B.; Bruzzone L.
? Keywords: Discrete wavelet transform (DWT) | Multiscale Kalman filter (MKF) | Neural networks | Remote sensing | SAR interferometry | Synthetic aperture radar (SAR)
? Quartile:
2025:
? Hardware and Architecture (Q1, rank 2, percentile 99)
? Information Systems (Q1, rank 6, percentile 98)
? Signal Processing (Q1, rank 3, percentile 98)
? Software (Q1, rank 12, percentile 97)
? Source Id: 26099
? Author Ids: 7007104095;57202472103;7103166505;7005306316;7006892410
? Authoraffiliationids: 60020167;60073283;60020167;60025153;60015986
? Corresponding: Simone G.

182.

? Title: Supervised classification of remote sensing images with unknown classes
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2002
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Scopus ID: 2-s2.0-0036402722
? Volume: 6
? Pages: 3486-3488
? Authors: Guerrero-Curieses Alicia; Biasiotto Alessandro; Serpico Sebastiano B.; Moser Gabriele
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 6602805591;6504581262;7005306316;7101795745
? Authoraffiliationids: 60001741;60001741;60001741;60001741
? Corresponding: Guerrero-Curieses A.

183.

? Title: Unsupervised change detection methods for remote sensing images
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 2002
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 9
? Doi: 10.1117/12.454155
? Scopus ID: 2-s2.0-0036397203
? Issn: 0277786x
? Volume: 4541
? Pages: 211-222
? Authors: Melgani Farid; Moser Gabriele; Serpico Sebastiano B.
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)

? Source Id: 40067
? Author Ids: 35613488300;7101795745;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Melgani F.

184.

? Title: Partially supervised detection of changes from remote sensing images
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2002
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? Scopus ID: 2-s2.0-0036029977
? Volume: 1
? Pages: 299-301
? Authors: Moser Gabriele; Melgani Farid; Serpico Sebastiano B.; Caruso Alessandro
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7101795745;35613488300;7005306316;36804398200
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Moser G.

185.

? Title: Fusion of radar images: State of art and perspective
? Venue: CIE International Conference of Radar Proceedings
? Year: 2001
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 11
? Scopus ID: 2-s2.0-0035722650
? Pages: 9-15
? Authors: Farina A.; Morabito F. C.; Serpico S.; Simone G.
? Source Id: 21100510213
? Author Ids: 57202472103;7103166505;7005306316;7007104095
? Authoraffiliationids: 60073283;60073283;60073283;60073283
? Corresponding: Farina A.

186.

? Title: A mutual approach based on Markov random fields for multitemporal contextual classification of remote sensing images
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2001
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-0035570778
? Volume: 7
? Pages: 2949-2951
? Authors: Melgani Farid; Serpico Sebastiano B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000

? Author Ids: 35613488300;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Melgani F.

187.

? Title: Fusion of multitemporal contextual information by neural networks for multisensor image classification
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2001
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 11
? Scopus ID: 2-s2.0-0035569241
? Volume: 7
? Pages: 2952-2954
? Authors: Melgani Farid; Serpico Sebastiano B.; Vernazza Gianni
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 35613488300;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Melgani F.

188.

? Title: A new search algorithm for feature selection in hyperspectral remote sensing images
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 2001
? Type: Journal
? Subtype: Article
? Citations: 317
? Doi: 10.1109/36.934069
? Scopus ID: 2-s2.0-0035391615
? Issn: 01962892
? Volume: 39
? Issue: 7
? Pages: 1360-1367
? Authors: Serpico Sebastiano B.; Bruzzone Lorenzo
? Keywords: Feature selection | Hyperspectral data | Remote sensing | Search algorithms
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
? Source Id: 17360
? Author Ids: 7005306316;7006892410
? Authoraffiliationids: 60000251-60025153;60000251-60015986
? Corresponding: Serpico S.B.

189.

? Title: Introduction to the special issue on analysis of hyperspectral image data
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 2001
? Type: Journal
? Subtype: Editorial
? Citations: 24

? Doi: 10.1109/Tgrs.2001.934066
? Scopus ID: 2-s2.0-0035391737
? Issn: 01962892
? Volume: 39
? Issue: 7
? Pages: 1343-1345
? Authors: Landgrebe David A.; Serpico Sebastiano B.; Crawford Melba M.; Singhroy Vern
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
? Source Id: 17360
? Author Ids: 7005781053;7005306316;7402706393;7003547975
? Authoraffiliationids: 60148444;60004718;60150401;60005603
? Corresponding: Landgrebe D.A.

190.

? Title: Classifier fusion for multisensor image recognition
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 2001
? Type: Journal
? Subtype: Article
? Citations: 3
? Doi: 10.1117/12.413886
? Scopus ID: 2-s2.0-0035050126
? Issn: 0277786x
? Volume: 4170
? Pages: 103-110
? Authors: Roli Fabio; Giacinto Giorgio; Serpico Sebastiano B.
? Keywords: Combination of Classifiers | Multisensor Image Recognition | Pattern Recognition
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 57194734588;6701832237;7005306316
? Authoraffiliationids: 60032259;60032259;60025153
? Corresponding: Roli F.

191.

? Title: Multisensor data classification with dependence trees
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 2001
? Type: Journal
? Subtype: Article
? Citations: 1
? Doi: 10.1117/12.413891
? Scopus ID: 2-s2.0-0035046432
? Issn: 0277786x
? Volume: 4170
? Pages: 151-159

? Authors: Piardi A.; Melgani F.; Serpico S. B.; Datcu M.
? Keywords: Dependence trees | Multisensor fusion | Non-parametric pdf estimation
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 6506510272;35613488300;7005306316;7004523124
? Authoraffiliationids: 60025153;60025153;60025153;60007798
? Corresponding: Piardi A.

192.

? Title: Fuzzy spatio-temporal contextual classifier for remote sensing images
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 2000
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Scopus ID: 2-s2.0-0034546019
? Volume: 6
? Pages: 2438-2440
? Authors: Serpico Sebastiano B.; Melgani Farid
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7005306316;35613488300
? Authoraffiliationids: 60025153;60025153
? Corresponding: Serpico S.

193.

? Title: A technique for feature selection in multiclass problems
? Venue: International Journal of Remote Sensing
? Year: 2000
? Type: Journal
? Subtype: Article
? Citations: 89
? Doi: 10.1080/014311600210740
? Scopus ID: 2-s2.0-0034651854
? Issn: 01431161
? eISSN: 13665901
? Volume: 21
? Issue: 3
? Pages: 549-563
? Authors: Bruzzone L.; Serpico S. B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 45, percentile 77)
? Source Id: 22674
? Author Ids: 7006892410;7005306316
? Authoraffiliationids: 60025153;60025153

? Doi: 10.1117/12.331895
? Scopus ID: 2-s2.0-84994858407
? Issn: 0277786x
? eISSN: 1996756X
? Volume: 3500
? Pages: 34-41
? Authors: Bruzzone Lorenzo; Serpico Sebastiano B.
? Keywords: Feature selection | High-dimensional data | Hyperspectral data | Remote sensing | Search algorithms
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7006892410;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bruzzone L.

197.

? Title: A simple upper bound to the Bayes error probability for feature selection
? Venue: Kybernetika
? Year: 1998
? Type: Journal
? Subtype: Article
? Citations: 0
? Scopus ID: 2-s2.0-0347721643
? Issn: 00235954
? Volume: 34
? Issue: 4
? Pages: 387-392
? Authors: Bruzzone Lorenzo; Serpico Sebastiano B.
? Quartile:
2025:
? Theoretical Computer Science (Q2, rank 59, percentile 56)
? Electrical and Electronic Engineering (Q2, rank 441, percentile 55)
? Control and Systems Engineering (Q2, rank 174, percentile 54)
? Information Systems (Q2, rank 233, percentile 53)
? Artificial Intelligence (Q2, rank 247, percentile 50)
? Software (Q3, rank 269, percentile 46)
? Source Id: 24449
? Author Ids: 7006892410;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bruzzone L.

198.

? Title: Structured neural networks for signal classification
? Venue: Signal Processing
? Year: 1998
? Type: Journal
? Subtype: Article
? Citations: 15
? Doi: 10.1016/S0165-1684(97)00195-3

- ? Scopus ID: 2-s2.0-0031999914
 - ? Issn: 01651684
 - ? Volume: 64
 - ? Issue: 3
 - ? Pages: 271-290
 - ? Authors: Bruzzone L.; Roli F.; Serpico S. B.
 - ? Keywords: Neural networks | Pattern recognition | Signal classification
 - ? Quartile:
 - 2025:
 - ? Signal Processing (Q1, rank 25, percentile 87)
 - ? Computer Vision and Pattern Recognition (Q1, rank 27, percentile 84)
 - ? Electrical and Electronic Engineering (Q1, rank 166, percentile 83)
 - ? Control and Systems Engineering (Q1, rank 71, percentile 81)
 - ? Software (Q1, rank 101, percentile 79)
 - ? Source Id: 25548
 - ? Author Ids: 7006892410;57194734588;7005306316
 - ? Authoraffiliationids: 60025153;60032259;60025153
 - ? Corresponding: Bruzzone L.
- 199.
- ? Title: A parallel network of modified 1-NN and k-NN classifiers - Application to remote-sensing image classification
 - ? Venue: Pattern Recognition Letters
 - ? Year: 1998
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 18
 - ? Doi: 10.1016/S0167-8655(97)00155-4
 - ? Scopus ID: 2-s2.0-0031679088
 - ? Issn: 01678655
 - ? Volume: 19
 - ? Issue: 1
 - ? Pages: 57-62
 - ? Authors: Jędrzej Adam; Serpico Sebastiano; Roli Fabio
 - ? Keywords: K-NN rule | Nonparametric method | Parallel classifier | Statistical pattern recognition
 - ? Quartile:
 - 2025:
 - ? Signal Processing (Q1, rank 27, percentile 86)
 - ? Computer Vision and Pattern Recognition (Q1, rank 29, percentile 83)
 - ? Software (Q1, rank 112, percentile 77)
 - ? Artificial Intelligence (Q1, rank 124, percentile 75)
 - ? Source Id: 24825
 - ? Author Ids: 7003546625;7005306316;57194734588
 - ? Authoraffiliationids: 60028874;60025153;60025153
 - ? Corresponding: Jędrzej A.
- 200.
- ? Title: Fusion of multisensor and multitemporal data in remote-sensing image analysis
 - ? Venue: International Geoscience and Remote Sensing Symposium IGARSS
 - ? Year: 1998
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 3
 - ? Scopus ID: 2-s2.0-0031642381
 - ? Volume: 1

? Pages: 162-164
? Authors: Bruzzone Lorenzo; Serpico Sebastiano B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7006892410;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bruzzone L.

201.

? Title: Spatial correlation features for classification of SAR images
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1997
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1117/12.295609
? Scopus ID: 2-s2.0-57649105687
? Issn: 0277786x
? Volume: 3217
? Pages: 245-252
? Authors: Dellepiane Silvana; Serpico Sebastiano; Vaccaro Roberto
? Keywords: Maximum likelihood | SAR | Spatial correlation | Statistical classification
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7004291247;7005306316;36747355200
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Dellepiane S.

202.

? Title: An iterative technique for the detection of land-cover transitions in multitemporal remote-sensing images
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 1997
? Type: Journal
? Subtype: Article
? Citations: 285
? Doi: 10.1109/36.602528
? Scopus ID: 2-s2.0-0031186955
? Issn: 01962892
? Volume: 35
? Issue: 4
? Pages: 858-867
? Authors: Bruzzone Lorenzo; Serpico Sebastiano B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)

- ? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
? Source Id: 17360
? Author Ids: 7006892410;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bruzzone L.
203.
? Title: Analysis and segmentation of remote-sensing images for land-cover mapping
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
? Year: 1997
? Type: Book Series
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1007/3-540-63508-4_191
? Scopus ID: 2-s2.0-84957709875
? Issn: 03029743
? eISSN: 16113349
? Volume: 1311
? Pages: 743-748
? Authors: Smits P. C.; Serpico S. B.
? Quartile:
2025:
? Theoretical Computer Science (Q3, rank 70, percentile 48)
? Computer Science (all) (Q3, rank 129, percentile 46)
? Source Id: 25674
? Author Ids: 7102366572;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Smits P.
204.
? Title: Detection of changes in remotely-sensed images by the selective use of multi-spectral information
? Venue: International Journal of Remote Sensing
? Year: 1997
? Type: Journal
? Subtype: Article
? Citations: 51
? Doi: 10.1080/014311697216702
? Scopus ID: 2-s2.0-0031420167
? Issn: 01431161
? eISSN: 13665901
? Volume: 18
? Issue: 18
? Pages: 3883-3888
? Authors: Bruzzone L.; Serpico S. B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 45, percentile 77)
? Source Id: 22674
? Author Ids: 7006892410;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bruzzone L.
205.
? Title: Classification of imbalanced remote-sensing data by neural networks
? Venue: Pattern Recognition Letters

? Year: 1997
? Type: Journal
? Subtype: Article
? Citations: 73
? Doi: 10.1016/S0167-8655(97)00109-8
? Scopus ID: 2-s2.0-0031277930
? Issn: 01678655
? Volume: 18
? Issue: 11-13
? Pages: 1323-1328
? Authors: Bruzzone L.; Serpico S. B.
? Keywords: Artificial neural networks | Imbalanced data set classification | Multilayer perceptron | Remote sensing
? Quartile:
2025:
? Signal Processing (Q1, rank 27, percentile 86)
? Computer Vision and Pattern Recognition (Q1, rank 29, percentile 83)
? Software (Q1, rank 112, percentile 77)
? Artificial Intelligence (Q1, rank 124, percentile 75)
? Source Id: 24825
? Author Ids: 7006892410;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bruzzone L.

206.

? Title: Effects of parameter tuning and de-speckle filtering on the accuracy of SAR image classification based on gray-level co-occurrence matrix features
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 1997
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Scopus ID: 2-s2.0-0030714418
? Volume: 2
? Pages: 764-766
? Authors: Bruzzone L.; Serpico S. B.; Vernazza G.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7006892410;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bruzzone L.

207.

? Title: Training of neural networks for classification of imbalanced remote-sensing data
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 1997
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Scopus ID: 2-s2.0-0030688627
? Volume: 3
? Pages: 1202-1204

? Authors: Serpico S. B.; Bruzzone L.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7005306316;7006892410
? Authoraffiliationids: 60025153;60025153
? Corresponding: Serpico S.

208.

? Title: Two approaches to the sample set condensation. Experiments with remote sensing images
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1996
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1117/12.262876
? Scopus ID: 2-s2.0-57849132662
? Issn: 0277786x
? Volume: 2955
? Pages: 80-84
? Authors: J?wik Adam; Serpico Sebastiano B.; Roli Fabio
? Keywords: k-NN rules | Statistical pattern recognition | Training set reduction
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7003546625;7005306316;57194734588
? Authoraffiliationids: 60028874;60025153;60025153
? Corresponding: J?wik A.

209.

? Title: Improving change detection accuracy by exploiting multispectral information
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1996
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1117/12.262888
? Scopus ID: 2-s2.0-57849114378
? Issn: 0277786x
? Volume: 2955
? Pages: 208-213
? Authors: Bruzzone Lorenzo; Roli Fabio; Serpico Sebastiano Bruno
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)

? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7006892410;57194734588;7005306316
? Authoraffiliationids: 60025153;60032259;60025153
? Corresponding: Bruzzone L.

210.

? Title: An experimental comparison of neural and statistical non-parametric algorithms for supervised classification of remote-sensing images
? Venue: Pattern Recognition Letters
? Year: 1996
? Type: Journal
? Subtype: Article
? Citations: 84
? Doi: 10.1016/S0167-8655(96)00090-6
? Scopus ID: 2-s2.0-0030291988
? Issn: 01678655
? Volume: 17
? Issue: 13
? Pages: 1331-1341
? Authors: Serpico S. B.; Bruzzone L.; Roli F.
? Keywords: Artificial neural networks | Remote-sensing image classification | Supervised classifiers
? Quartile:
2025:
? Signal Processing (Q1, rank 27, percentile 86)
? Computer Vision and Pattern Recognition (Q1, rank 29, percentile 83)
? Software (Q1, rank 112, percentile 77)
? Artificial Intelligence (Q1, rank 124, percentile 75)
? Source Id: 24825
? Author Ids: 7005306316;7006892410;57194734588
? Authoraffiliationids: 60025153;60025153;60032259
? Corresponding: Serpico S.B.

211.

? Title: Classification of multisensor remote-sensing images by multiple structured neural networks
? Venue: Proceedings International Conference on Pattern Recognition
? Year: 1996
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Doi: 10.1109/Icpr.1996.547257
? Scopus ID: 2-s2.0-33750743554
? Issn: 10514651
? Volume: 4
? Pages: 180-184
? Authors: Roli F.; Serpico S. B.; Bruzzone L.
? Source Id: 24282
? Author Ids: 57194734588;7005306316;7006892410
? Authoraffiliationids: 60032259;60025153;60025153
? Corresponding: Roli F.

212.

? Title: A hybrid system for two-dimensional image recognition

? Venue: Proceedings of the IEEE
? Year: 1996
? Type: Journal
? Subtype: Article
? Citations: 3
? Doi: 10.1109/5.542414
? Scopus ID: 2-s2.0-0030291198
? Issn: 00189219
? Volume: 84
? Issue: 11
? Pages: 1659-1680
? Authors: Roli Fabio; Serpico Sebastiano B.; Vernazzaenior Gianni
? Quartile:
2025:
? Electrical and Electronic Engineering (Q1, rank 3, percentile 99)
? Computer Science (all) (Q1, rank 2, percentile 99)
? Source Id: 17915
? Author Ids: 57194734588;7005306316;54680217900
? Authoraffiliationids: 60032259-60025153;60032259;60032259
? Corresponding: Roli F.

213.

? Title: Automatic technique for detecting land-cover transitions
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 1996
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Scopus ID: 2-s2.0-0029724018
? Volume: 2
? Pages: 1382-1384
? Authors: Serpico S. B.; Bruzzone L.; Roli F.; Gomarasca M. A.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7005306316;7006892410;57194734588;57220045797
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Serpico S.B.

214.

? Title: Markov random field based image segmentation with adaptive neighborhoods to the detection of fine structures in SAR data
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 1996
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Scopus ID: 2-s2.0-0029705718
? Volume: 1
? Pages: 714-716
? Authors: Smits P. C.; Dellepiane S.; Serpico S. B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7102366572;7004291247;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Smits P.

215.

? Title: Condensed version of the k-NN rule for remote sensing images classification
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1995
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-0029515562
? Issn: 0277786x
? Volume: 2579
? Pages: 196-198
? Authors: Jozwik Adam; Serpico Sebastiano B.; Roli Fabio
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7003546625;7005306316;57194734588
? Authoraffiliationids: 60028874;60028874;60028874
? Corresponding: Jozwik A.

216.

? Title: Detection of land cover changes by compound classification of multitemporal images
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1995
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-0029504697
? Issn: 0277786x
? Volume: 2579
? Pages: 188-195
? Authors: Serpico Sebastiano B.; Roli Fabio; Bruzzone Lorenzo
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7005306316;57194734588;7006892410
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Serpico S.

217.

? Title: Crack detection by a measure of texture anisotropy
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
? Year: 1995
? Type: Book Series
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1007/3-540-60298-4_341
? Scopus ID: 2-s2.0-84947804608
? Issn: 03029743
? eISSN: 16113349
? Volume: 974
? Pages: 743-747
? Authors: Bruzzone L.; Roli F.; Serpico S. B.
? Quartile:
2025:
? Theoretical Computer Science (Q3, rank 70, percentile 48)
? Computer Science (all) (Q3, rank 129, percentile 46)
? Source Id: 25674
? Author Ids: 7006892410;57194734588;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bruzzone L.

218.

? Title: Land-cover classification in remote-sensing images using structured neural networks
? Venue: Earsel
? Year: 1995
? Type: Journal
? Subtype: Article
? Citations: 0
? Scopus ID: 2-s2.0-0029539309
? Volume: 4
? Issue: 3
? Pages: 107-115
? Authors: Roli F.; Serpico S. B.
? Source Id: 55891
? Author Ids: 57194734588;7005306316
? Authoraffiliationids: 60025153;60025153
? Corresponding: Roli F.

219.

? Title: An Extension of the Jeffreys-Matusita Distance to Multiclass Cases for Feature Selection
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 1995
? Type: Journal
? Subtype: Article
? Citations: 249
? Doi: 10.1109/36.477187
? Scopus ID: 2-s2.0-0029407869
? Issn: 01962892
? eISSN: 15580644
? Volume: 33
? Issue: 6

? Pages: 1318-1321
? Authors: Bruzzone Lorenzo; Roli Fabio; Serpico Sebastiano B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
? Source Id: 17360
? Author Ids: 7006892410;57194734588;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bruzzone L.

220.

? Title: Classification of Multisensor Remote-Sensing Images by Structured Neural Networks
? Venue: IEEE Transactions on Geoscience and Remote Sensing
? Year: 1995
? Type: Journal
? Subtype: Article
? Citations: 131
? Doi: 10.1109/36.387573
? Scopus ID: 2-s2.0-0029307334
? Issn: 01962892
? eISSN: 15580644
? Volume: 33
? Issue: 3
? Pages: 562-578
? Authors: Serpico Sebastiano B.; Roli Fabio
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 6, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 37, percentile 96)
? Source Id: 17360
? Author Ids: 7005306316;57194734588
? Authoraffiliationids: 60025153;60025153
? Corresponding: Serpico S.B.

221.

? Title: Experimental comparison of neural networks for the classification of multisensor remote-sensing images
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 1995
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-0029200210
? Volume: 1
? Pages: 452-454
? Authors: Bruzzone L.; Roli F.; Serpico S. B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 7006892410;57194734588;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bruzzone L.

222.

? Title: Adaptive probabilistic model for straight edge-extraction within a multilevel MRF framework
? Venue: International Geoscience and Remote Sensing Symposium IGARSS
? Year: 1995
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Scopus ID: 2-s2.0-0029192623
? Volume: 1
? Pages: 458-460
? Authors: Regazzoni C. S.; Foresti G. L.; Serpico S. B.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 35513672400;7006427233;7005306316
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Regazzoni C.

223.

? Title: Network of modified 1-NN and fuzzy k-NN classifiers in application to remote sensing image recognition
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1994
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-0028754263
? Issn: 02777786x
? Volume: 2315
? Pages: 562-568
? Authors: Jozwik Adam; Serpico Sebastiano B.; Roli Fabio
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7003546625;7005306316;57194734588
? Authoraffiliationids: 105912745;105912745;105912745
? Corresponding: Jozwik A.

224.

? Title: Feature selection for remote-sensing data classification
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1994
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Scopus ID: 2-s2.0-0028736511
? Issn: 02777786x

? Volume: 2315
? Pages: 569-577
? Authors: Serpico Sebastiano B.; Pellegretti Paolo; Bruzzone Lorenzo
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7005306316;7801594635;7006892410
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Serpico S.

225.

? Title: Intelligent Control of Signal Processing Algorithms in Communications
? Venue: IEEE Journal on Selected Areas in Communications
? Year: 1994
? Type: Journal
? Subtype: Article
? Citations: 3
? Doi: 10.1109/49.339924
? Scopus ID: 2-s2.0-0028715410
? Issn: 07338716
? Volume: 12
? Issue: 9
? Pages: 1553-1565
? Authors: Roli Fabio; Serpico Sebastiano B.; Vernazza Gianni
? Quartile:
2025:
? Computer Networks and Communications (Q1, rank 4, percentile 99)
? Electrical and Electronic Engineering (Q1, rank 8, percentile 99)
? Source Id: 18902
? Author Ids: 57194734588;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Roli F.

226.

? Title: Supervised Learning of Descriptions for Image Recognition Purposes
? Venue: IEEE Transactions on Pattern Analysis and Machine Intelligence
? Year: 1994
? Type: Journal
? Subtype: Article
? Citations: 18
? Doi: 10.1109/34.273712
? Scopus ID: 2-s2.0-0028282242
? Issn: 01628828
? Volume: 16
? Issue: 1
? Pages: 92-98
? Authors: Pellegretti Paolo; Roli Fabio; Serpico Sebastiano B.; Vernazza Gianni
? Keywords: fuzzy descriptions | image classifica- | machine learning | Pattern recognition | tion | tomographical medical images
? Quartile:

2025:

- ? Applied Mathematics (Q1, rank 1, percentile 99)
- ? Computational Theory and Mathematics (Q1, rank 1, percentile 99)
- ? Software (Q1, rank 3, percentile 99)
- ? Artificial Intelligence (Q1, rank 4, percentile 99)
- ? Computer Vision and Pattern Recognition (Q1, rank 2, percentile 99)

? Source Id: 24254

? Author Ids: 7801594635;57194734588;7005306316;7005048304

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Pellegretti P.

227.

? Title: Structured neural networks for the classification of multisensor remote-sensing images

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 1993

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Scopus ID: 2-s2.0-0027800666

? Volume: 2

? Pages: 907-909

? Authors: Serpico S. B.; Roli F.; Pellegretti P.; Vernazza G.

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

? Source Id: 82000

? Author Ids: 7005306316;57194734588;7801594635;7005048304

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Serpico S.

228.

? Title: Generation of land-cover descriptions for the classification of multisensor remote-sensing images

? Venue: International Geoscience and Remote Sensing Symposium IGARSS

? Year: 1993

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-0027800273

? Volume: 4

? Pages: 1701-1703

? Authors: Pellegretti Paolo; Serpico Sebastiano B.; Vernazza Gianni

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

? Source Id: 82000

? Author Ids: 7801594635;7005306316;7005048304

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Pellegretti P.

229.

? Title: Multisensor image classification by structured neural networks

? Venue: Neural Networks for Signal Processing III Proceedings of the 1993 IEEE Workshop Nnsp 1993

? Year: 1993
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Nnsp.1993.471857
? Scopus ID: 2-s2.0-85064848301
? Pages: 311-320
? Authors: Roli F.; Serpico S. B.; Vernazza G.
? Source Id: 21100904503
? Author Ids: 57194734588;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Roli F.

230.

? Title: Automatic acquisition of visual models for image recognition
? Venue: Proceedings International Conference on Pattern Recognition
? Year: 1992
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1109/Icpr.1992.201516
? Scopus ID: 2-s2.0-85027666431
? Issn: 10514651
? Volume: 1
? Pages: 95-98
? Authors: Fichera O.; Pellegretti P.; Roli F.; Serpico S. B.
? Source Id: 24282
? Author Ids: 57203372661;7801594635;57194734588;7005306316
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Fichera O.

231.

? Title: A technique for defining the architecture and weights of a neural image classifier
? Venue: ICASSP IEEE International Conference on Acoustics Speech and Signal Processing Proceedings
? Year: 1992
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Icassp.1992.226035
? Scopus ID: 2-s2.0-85019391573
? Issn: 15206149
? Volume: 2
? Pages: 401-404
? Authors: Re R.; Roli F.; Serpico S. B.; Vernazza G.
? Source Id: 110544
? Author Ids: 57209759821;57194734588;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Re R.

232.

? Title: Remote sensing data fusion by means of a region-overlapping technique
? Venue: Digest International Geoscience and Remote Sensing Symposium IGARSS
? Year: 1991
? Type: Conference Proceeding
? Subtype: Conference Paper

? Citations: 2
? Scopus ID: 2-s2.0-0026394056
? Volume: 2
? Pages: 1091-1094
? Authors: Dambra C.; Roli F.; Serpico S. B.; Wielogorski A.; Agostinelli A.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)
? Computer Science Applications (Q3, rank 688, percentile 29)
? Source Id: 82000
? Author Ids: 58237414800;57194734588;7005306316;6602884784;6701393006
? Corresponding: Dambra C.

233.

? Title: Multisensor data fusion by a region-based approach
? Venue: Proceedings ICASSP IEEE International Conference on Acoustics Speech and Signal Processing
? Year: 1991
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? DOI: 10.1109/icassp.1991.150938
? Scopus ID: 2-s2.0-0026370656
? Issn: 07367791
? Volume: 4
? Pages: 2617-2620
? Authors: Agostinelli A.; Dambra C.; Serpico S.; Vernazza G.
? Source Id: 110544
? Author Ids: 6701393006;58237414800;7005306316;7005048304
? Corresponding: Agostinelli A.

234.

? Title: Image classification by integration of neural networks and machine learning
? Venue: Proceedings ICASSP IEEE International Conference on Acoustics Speech and Signal Processing
? Year: 1991
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? DOI: 10.1109/icassp.1991.150876
? Scopus ID: 2-s2.0-0026369961
? Issn: 07367791
? Volume: 4
? Pages: 2401-2404
? Authors: Serpico S. B.
? Source Id: 110544
? Author Ids: 7005306316
? Corresponding: Serpico S.B.

235.

? Title: Sar image recognition by integration of intensity and textural information
? Venue: International Journal of Remote Sensing
? Year: 1991
? Type: Journal
? Subtype: Article
? Citations: 18
? Doi: 10.1080/01431169108955219

? Scopus ID: 2-s2.0-0026358552
? Issn: 01431161
? eISSN: 13665901
? Volume: 12
? Issue: 9
? Pages: 1915-1932
? Authors: Dellepiane S.; Giusto D. D.; Serpico S. B.; Vernazza G.
? Quartile:
2025:
? Earth and Planetary Sciences (all) (Q1, rank 45, percentile 77)
? Source Id: 22674
? Author Ids: 7004291247;7004570907;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Dellepiane S.

236.

? Title: A contribution to the standardisation of bone tissue densitometry
? Venue: Minerva Medica
? Year: 1991
? Type: Journal
? Subtype: Article
? Citations: 0
? Scopus ID: 2-s2.0-0025922073
? Issn: 00264806
? Volume: 82
? Issue: 5
? Pages: 251-254
? Authors: Cambiaso A.; Serpico S. B.; Dambra C.; Antognetti P. F.; Cetta G.; Zanaboni G.
? Source Id: 26687
? Author Ids: 57507527800;7005306316;58237414800;7003816900;7005014029;6603814695
? Corresponding: Cambiaso A.

237.

? Title: Territorial analysis by fusion of LANDSAT and SAR data
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1991
? Type: Unknown
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1117/12.45848
? Scopus ID: 2-s2.0-0025767556
? Issn: 0277786x
? Volume: 1492
? Pages: 206-212
? Authors: Vernazza Gianni L.; Dambra Carlo; Parizzi Francesco; Roli Fabio; Serpico Sebastiano B.
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067

? Author Ids: 7005048304;58237414800;6603169751;57194734588;7005306316
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Vernazza G.L.

238.

? Title: MuSIP - multi-sensor image processing
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1991
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-0025720352
? Issn: 0277786x
? Volume: 1521
? Pages: 74-88
? Authors: de Salabert A.; Pike T. K.; Sawyer F. G.; Jones-Parry I. H.; Rye A. J.; Oddy C. J.; Johnson D. G.; Mason D.; Wielogorski A. L.; Plassard T.; Serpico S. B.; Hindley N.
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067

? Author Ids: 6507977541;7004217776;6701793996;6504751905;6603544067;6602712079;7406821467;7401469110;6602884784;6505626584;7005306316;56501900900
? Authoraffiliationids: 100351813;100351813;100351813;100351813;100351813;100351813;100351813;100351813;100351813;100351813;100351813;100351813
? Corresponding: de Salabert A.

239.

? Title: MuSIP. Multisensor image processor. (A system for the automated fusion and analysis of multisource images)
? Venue: IEE Colloquium Digest
? Year: 1990
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-0025548679
? Issn: 09633308
? Issue: 59
? Authors: Wielogorski A. L.; Barr M. C.; Rye A. J.; Johnson D. J.; Bishop M. J.; de Salabert A.; Mason D.; Bell S.; Catros J. Y.; Serpico S. B.; Vernazza G.; Hindley N.
? Source Id: 17917

? Author Ids: 6602884784;57213336897;6603544067;57197154577;57215702914;6507977541;7401469110;58344175100;6603245889;7005306316;7005048304;56501900900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Wielogorski A.L.

240.

? Title: Control strategies for error handling in a knowledge-based system for image processing and recognition
? Venue: Proceedings of SPIE the International Society for Optical Engineering

? Year: 1990
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Scopus ID: 2-s2.0-0025536044
? Issn: 0277786x
? Volume: 1293 pt 1
? Pages: 31-42
? Authors: Agazzani D.; Cerini S.; Serpico S. B.; Vernazza G.
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 6506100215;6505473392;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Agazzani D.

241.

? Title: A new adaptive approach to picture coding
? Venue: Annales Des Telecommunications
? Year: 1990
? Type: Journal
? Subtype: Article
? Citations: 5
? Doi: 10.1007/Bf02995303
? Scopus ID: 2-s2.0-0041134523
? Issn: 00034347
? eISSN: 19589395
? Volume: 45
? Issue: 9-10
? Pages: 503-518
? Authors: Giusto Daniele D.; Regazzoni Carlo S.; Serpico Sebastiano B.; Vernazza Gianni
? Keywords: Adaptive method | Block quantization | Image coding | Image recognition | Polynomial approximation | Segmentation
? Quartile:
2025:
? Electrical and Electronic Engineering (Q1, rank 244, percentile 75)
? Source Id: 17722
? Author Ids: 7004570907;35513672400;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Giusto D.

242.

? Title: From numeric up to symbolic processing of medical tomographic images
? Venue: Rivista Di Neuroradiologia
? Year: 1990
? Type: Journal
? Subtype: Review
? Citations: 0
? Scopus ID: 2-s2.0-0025255376

? Volume: 3
? Issue: 1
? Pages: 63-80
? Authors: Dellepiane S.; Serpico S. B.; Vernazza G.
? Source Id: 17887
? Author Ids: 7004291247;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Dellepiane S.

243.

? Title: Developments and experimental results of K-B system for workpieces recognition
? Venue: undefined
? Year: 1989
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-0024902910
? Pages: 357-360
? Authors: Dellepiane S.; Narducci A.; Serpico S. B.; Vernazza G.; Zini G.
? Source Id: 144486
? Author Ids: 7004291247;6602361176;7005306316;7005048304;7005446052
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Dellepiane S.

244.

? Title: High-performance image coding. Integration of different techniques by a knowledge-based recognition system
? Venue: Alta Frequenza
? Year: 1989
? Type: Journal
? Subtype: Article
? Citations: 0
? Scopus ID: 2-s2.0-0024667237
? Issn: 00026557
? Volume: 58
? Issue: 3
? Pages: 277-285
? Authors: Giusto Daniele D.; Regazzoni Carlo S.; Serpico Sebastiano B.; Vernazza Gianni
? Source Id: 40401
? Author Ids: 7004570907;35513672400;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Giusto D.

245.

? Title: Merging of different segmentation techniques for cell image recognition
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1989
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1117/12.950283
? Scopus ID: 2-s2.0-84957513834
? Issn: 0277786x
? eISSN: 1996756X
? Volume: 1027
? Pages: 208-213

? Authors: Serpico Sebastiano B.; Vernazza Gianni; Dellepiane Silvana

? Quartile:

2025:

? Instrumentation (Q4, rank 157, percentile 16)

? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)

? Computer Science Applications (Q4, rank 893, percentile 9)

? Applied Mathematics (Q4, rank 625, percentile 6)

? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)

? Condensed Matter Physics (Q4, rank 425, percentile 4)

? Source Id: 40067

? Author Ids: 7005306316;7005048304;7004291247

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Serpico S.B.

246.

? Title: Detection of arcs in workpiece images

? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics

? Year: 1989

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/3-540-51815-0_65

? Scopus ID: 2-s2.0-85034641749

? Issn: 03029743

? eISSN: 16113349

? Volume: 399 LnCS

? Pages: 324-337

? Authors: Milano Angelo; Perotti Federico; Serpico Sebastiano B.; Vernazza Gianni

? Quartile:

2025:

? Theoretical Computer Science (Q3, rank 70, percentile 48)

? Computer Science (all) (Q3, rank 129, percentile 46)

? Source Id: 25674

? Author Ids: 57197775069;57197765562;7005306316;7005048304

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Milano A.

247.

? Title: A framework for processing and interpretation of three-dimensional signals from multislices

? Venue: Signal Processing

? Year: 1989

? Type: Journal

? Subtype: Article

? Citations: 2

? Doi: 10.1016/0165-1684(89)90036-4

? Scopus ID: 2-s2.0-0024771999

? Issn: 01651684

? Volume: 18

? Issue: 3

? Pages: 239-258

? Authors: Dellepiane S.; Serpico S. B.; Vernazza G.

? Keywords: 3-D features | 3-D signals | fractals | fuzzy descriptions | knowledge-based interpretation | low-level processing

? Quartile:

2025:

- ? Signal Processing (Q1, rank 25, percentile 87)
- ? Computer Vision and Pattern Recognition (Q1, rank 27, percentile 84)
- ? Electrical and Electronic Engineering (Q1, rank 166, percentile 83)
- ? Control and Systems Engineering (Q1, rank 71, percentile 81)
- ? Software (Q1, rank 101, percentile 79)

? Source Id: 25548

? Author Ids: 7004291247;7005306316;7005048304

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Dellepiane S.

248.

? Title: Application of fractal techniques to X-ray image analysis

? Venue: Radiologia Medica

? Year: 1989

? Type: Journal

? Subtype: Article

? Citations: 7

? Scopus ID: 2-s2.0-0024406367

? Issn: 00338362

? Volume: 77

? Issue: 5

? Pages: 535-539

? Authors: Antognetti P. F.; Dellepiane S.; Serpico S. B.; Vernazza G.

? Quartile:

2025:

? Radiology, Nuclear Medicine and Imaging (Q1, rank 18, percentile 95)

? Source Id: 17858

? Author Ids: 7003816900;7004291247;7005306316;7005048304

? Authoraffiliationids: 60107402;60107402;60107402;60107402

? Corresponding: Antognetti P.F.

249.

? Title: Information fusion by a knowledge-based system for SAR image interpretation

? Venue: Digest International Geoscience and Remote Sensing Symposium IGARSS

? Year: 1988

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-0024185010

? Volume: 3

? Pages: 1845-1846

? Authors: Dellepiane S.; Giusto D. D.; Serpico S. B.; Vernazza G.

? Quartile:

2025:

? Earth and Planetary Sciences (all) (Q3, rank 117, percentile 41)

? Computer Science Applications (Q3, rank 688, percentile 29)

? Source Id: 82000

? Author Ids: 7004291247;7004570907;7005306316;7005048304

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Dellepiane S.

250.

? Title: Vision systems in industrial applications: an expert system for superposed mechanical parts

? Venue: Aei Automazione Energia Informazione

? Year: 1988

? Type: Journal
? Subtype: Article
? Citations: 2
? Scopus ID: 2-s2.0-0024174447
? Issn: 00136131
? Volume: 75
? Issue: 12
? Pages: 1175-1184
? Authors: Bruzzone A.; Serpico S. B.; Vernazza G.
? Source Id: 30317
? Author Ids: 35570770700;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bruzzone A.

251.

? Title: Analysis and classification of SAR images by a knowledge-based approach
? Venue: Proceedings International Conference on Pattern Recognition
? Year: 1988
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-0024168119
? Pages: 1207-1209
? Authors: Dellepiane S.; Serpico S. B.; Vernazza G.
? Source Id: 24282
? Author Ids: 7004291247;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Dellepiane S.

252.

? Title: Textural analysis of 3d objects by a fractal-preserving approach
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1988
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1117/12.969021
? Scopus ID: 2-s2.0-84957501280
? Issn: 0277786x
? eISSN: 1996756X
? Volume: 1001
? Pages: 732-738
? Authors: Dambra C.; Dellepiane S.; Regazzoni C.; Serpico S. B.; Vernazza G.
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 58237414800;7004291247;35513672400;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Dambra C.

253.

? Title: A learning system for the generation of conceptual descriptions for workpiece recognition purposes
? Venue: Proceedings IECON 1988 Robotics and Vision 1988 International Conference on Industrial Electronics
? Year: 1988
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/iecon.1988.660420
? Scopus ID: 2-s2.0-85069209891
? Pages: 76-81
? Authors: Dellepiane S.; Ghiglia G.; Roli F.; Serpico S. B.; Vernazza G.
? Keywords: AI approach | Frame-based description | Inductive learning by examples | Machine learning | Statistical analysis | Structured models | Workpiece recognition
? Source Id: 21101081109
? Author Ids: 7004291247;57209977185;57194734588;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Dellepiane S.

254.

? Title: Extension of IBIS for 3D organ recognition in NMR multislices
? Venue: Pattern Recognition Letters
? Year: 1988
? Type: Journal
? Subtype: Article
? Citations: 13
? Doi: 10.1016/0167-8655(88)90048-7
? Scopus ID: 2-s2.0-38249029080
? Issn: 01678655
? Volume: 8
? Issue: 2
? Pages: 65-72
? Authors: Dellepiane S.; Regazzoni C.; Serpico S. B.; Vernazza G.
? Keywords: 3D recognition | expert systems | knowledge-based systems | medical images | signal processing
? Quartile:
2025:
? Signal Processing (Q1, rank 27, percentile 86)
? Computer Vision and Pattern Recognition (Q1, rank 29, percentile 83)
? Software (Q1, rank 112, percentile 77)
? Artificial Intelligence (Q1, rank 124, percentile 75)
? Source Id: 24825
? Author Ids: 7004291247;35513672400;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Dellepiane S.

255.

? Title: Information fusion by a knowledge-based system for SAR image interpretation
? Venue: Remote Sensing Proc IGARSS 88 Symposium Edinburgh 1988 Vol 3
? Year: 1988
? Type: Book
? Subtype: Article
? Citations: 0
? Scopus ID: 2-s2.0-0024228257
? Pages: 1845-1846
? Authors: Dellepiane S.; Giusto D. D.; Serpico S. B.; Vernazza G.

? Source Id: 21100681330
? Author Ids: 7004291247;7004570907;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Dellepiane S.

256.

? Title: Exploitation of intensity and textural information in SAR image analysis driven by a knowledge-based structure
? Venue: Alpine and Mediterranean Areas Proc 8th Earsel Symposium Capri 1988
? Year: 1988
? Type: Book
? Subtype: Article
? Citations: 0
? Scopus ID: 2-s2.0-0024149917
? Pages: 49-65
? Authors: Dellepiane S.; Giusto D. D.; Serpico S. B.; Vernazza G.
? Source Id: 110285
? Author Ids: 7004291247;7004570907;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Dellepiane S.

257.

? Title: Fractal analysis for discrimination of overlapped structures in radiological images
? Venue: IEEE Engineering in Medicine and Biology Society Annual Conference
? Year: 1988
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? DOI: 10.1109/iembs.1988.94553
? Scopus ID: 2-s2.0-0024111413
? Volume: 10
? Issue: pt 1
? Pages: 349-350
? Authors: Antognetti P. F.; Dellepiane S.; Serpico S. B.; Vernazza G.
? Source Id: 87373
? Author Ids: 7003816900;7004291247;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Antognetti P.F.

258.

? Title: Fractal Dimension Estimation By Adaptive Mask Selection.
? Venue: ICASSP IEEE International Conference on Acoustics Speech and Signal Processing Proceedings
? Year: 1988
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Scopus ID: 2-s2.0-0023776128
? Issn: 07367791
? Pages: 1116-1119
? Authors: Arduini F.; Dambra C.; Dellepiane S.; Serpico S. B.; Vernazza G.; Viviani R.
? Source Id: 110544
? Author Ids: 6602454752;58237414800;7004291247;7005306316;7005048304;7005527114
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Arduini F.

259.

? Title: Fuzzy-Reasoning Approach To Understanding Of 2d Nmr Images.
? Venue: IEEE Engineering in Medicine and Biology Society Annual Conference
? Year: 1987
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-0023570068
? Pages: 1980-1981
? Authors: Serpico S. B.; Sturaro F.; Vernazza G.; Dellepiane S.
? Source Id: 87373
? Author Ids: 7005306316;6505732901;7005048304;7004291247
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Serpico S.

260.

? Title: Quality assessment of a new technique for recording fluoroscopic images
? Venue: Rays International Journal of Radiological Sciences
? Year: 1987
? Type: Journal
? Subtype: Article
? Citations: 0
? Scopus ID: 2-s2.0-0023553035
? Volume: 12
? Issue: 2
? Pages: 21-24
? Authors: Antognetti P. F.; Cambiso A.; Serpico S. B.; Vernazza G.
? Source Id: 33058
? Author Ids: 7003816900;6503974522;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Antognetti P.F.

261.

? Title: Recognition Of Partially Occluded Workpieces By A Knowledge-Based System.
? Venue: undefined
? Year: 1987
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-0023548268
? Pages: 1149-1156
? Authors: Serpico S. B.; Vernazza G.; Dellepiane S.; Angela P.
? Source Id: 130662
? Author Ids: 7005306316;7005048304;7004291247;6507683685
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Serpico S.

262.

? Title: Expert System For The Recognition Of Anatomical Organs From 3d Data-Base.
? Venue: IEEE Engineering in Medicine and Biology Society Annual Conference
? Year: 1987
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Scopus ID: 2-s2.0-0023540501
? Pages: 933-934
? Authors: Dellepiane S.; Serpico S. B.; Vernazza G.; Bruzzone S.; Regazzoni C.
? Source Id: 87373

? Author Ids: 7004291247;7005306316;7005048304;57197922492;35513672400
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Dellepiane S.

263.

? Title: Fractal-based image analysis in radiological applications
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1987
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 12
? Doi: 10.1117/12.976530
? Scopus ID: 2-s2.0-0010830374
? Issn: 0277786x
? eISSN: 1996756X
? Volume: 845
? Pages: 396-403
? Authors: Dellepiane S.; Serpico S. B.; Vernazza G.; Viviani R.
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7004291247;7005306316;7005048304;7005527114
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Dellepiane S.

264.

? Title: Prospects of Biophysical Engineering: Biotechnologies.
? Venue: Aei Automazione Energia Informazione
? Year: 1987
? Type: Journal
? Subtype: Article
? Citations: 0
? Scopus ID: 2-s2.0-0023349594
? Issn: 00136131
? Volume: 74
? Issue: 5
? Pages: 477-484
? Authors: Grattarola M.; Vernazza G.; Serpico S. B.; Giannetti G.; Parodi M.; Chiabrera A.
? Source Id: 30317
? Author Ids: 7005398663;7005048304;7005306316;6603378991;35508934400;7004572693
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Grattarola M.

265.

? Title: Recognition of partially occluded workpieces by a knowledge-based system
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1987
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0

? Doi: 10.1117/12.968292
? Scopus ID: 2-s2.0-84958488368
? Issn: 0277786x
? eISSN: 1996756X
? Volume: 858
? Pages: 1149-1156
? Authors: Serpico S. B.; Vernazza G.; Dellepiane S.; Angela P.
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7005306316;7005048304;7004291247;6507683685
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Serpico S.B.

266.

? Title: A knowledge-based system for biomedical image processing and recognition
? Venue: IEEE Transactions on Circuits and Systems
? Year: 1987
? Type: Journal
? Subtype: Article
? Citations: 41
? Doi: 10.1109/Tcs.1987.1086063
? Scopus ID: 2-s2.0-0023669958
? Issn: 00984094
? Volume: 34
? Issue: 11
? Pages: 1399-1416
? Authors: Vernazza Gianni L.; Serpico Sebastiano B.; Dellepiane Silvana G.
? Source Id: 40260
? Author Ids: 7005048304;7005306316;7004291247
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Vernazza G.L.

267.

? Title: Problems And Prospects In Image Processing Of Two-Dimensional Gel Electrophoresis.
? Venue: Optical Engineering
? Year: 1987
? Type: Journal
? Subtype: Article
? Citations: 5
? Doi: 10.1117/12.7974132
? Scopus ID: 2-s2.0-0023382425
? Issn: 00913286
? Volume: 26
? Issue: 7
? Pages: 661-668
? Authors: Serpico S. B.; Vernazza G.
? Quartile:
2025:

- ? Engineering (all) (Q2, rank 164, percentile 52)
 - ? Atomic and Molecular Physics, and Optics (Q3, rank 148, percentile 38)
 - ? Source Id: 12316
 - ? Author Ids: 7005306316;7005048304
 - ? Authoraffiliationids: 60025153;60025153
 - ? Corresponding: Serpico S.B.
- 268.
- ? Title: Structural Analysis In Medical Imaging.
 - ? Venue: undefined
 - ? Year: 1986
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 5
 - ? Scopus ID: 2-s2.0-0023005148
 - ? Pages: 522-529
 - ? Authors: Dellepiane S.; Serpico S. B.; Venzano L.; Vernazza Gianni
 - ? Source Id: 130841
 - ? Author Ids: 7004291247;7005306316;6506049856;7005048304
 - ? Corresponding: Dellepiane S.
- 269.
- ? Title: Image Understanding And 3d Reconstruction Of Biomedical Images.
 - ? Venue: IEEE Engineering in Medicine and Biology Society Annual Conference
 - ? Year: 1986
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 0
 - ? Scopus ID: 2-s2.0-0022987561
 - ? Pages: 1122-1125
 - ? Authors: Beltrame F.; Bianco B.; Dellepiane S.; Serpico S. B.; Vernazza G.
 - ? Source Id: 87373
 - ? Author Ids: 56917371500;7005080001;7004291247;7005306316;7005048304
 - ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
 - ? Corresponding: Beltrame F.
- 270.
- ? Title: Approximate Reasoning And Knowledge In Nmr Image Understanding.
 - ? Venue: Proceedings International Conference on Pattern Recognition
 - ? Year: 1986
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 3
 - ? Scopus ID: 2-s2.0-0022956166
 - ? Pages: 943-946
 - ? Authors: Dellepiane S.; Serpico S. B.; Vernazza G.
 - ? Source Id: 24282
 - ? Author Ids: 7004291247;7005306316;7005048304
 - ? Corresponding: Dellepiane S.
- 271.
- ? Title: Preliminary Approach To Understanding Of Biomedical Nmr Images.
 - ? Venue: undefined
 - ? Year: 1986
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 0
 - ? Scopus ID: 2-s2.0-0022947884

? Pages: 318-322
? Authors: Dellepiane S.; Serpico S. B.; Vernazza G.
? Source Id: 130354
? Author Ids: 7004291247;7005306316;7005048304
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Dellepiane S.

272.

? Title: Computerized analysis of two-dimensional electrophoretic images g.Vernazza1
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1986
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1117/12.952171
? Scopus ID: 2-s2.0-84957507413
? Issn: 0277786x
? eISSN: 1996756X
? Volume: 593
? Pages: 154-162
? Authors: Serpico S. B.; Giusto D.; Caredda A.
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)
? Source Id: 40067
? Author Ids: 7005306316;7004570907;57188754889
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Serpico S.B.

273.

? Title: Some results in multi-energy digital radiology
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1985
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1117/12.947255
? Scopus ID: 2-s2.0-0021942443
? Issn: 0277786x
? eISSN: 1996756X
? Volume: 535
? Pages: 202-207
? Authors: Vernazza Gianni; Caratozzolo Francesco; Serpico Sebastiano B.; Geraci Sandro
? Quartile:
2025:
? Instrumentation (Q4, rank 157, percentile 16)
? Electrical and Electronic Engineering (Q4, rank 873, percentile 12)
? Computer Science Applications (Q4, rank 893, percentile 9)
? Applied Mathematics (Q4, rank 625, percentile 6)
? Electronic, Optical and Magnetic Materials (Q4, rank 294, percentile 5)
? Condensed Matter Physics (Q4, rank 425, percentile 4)

? Source Id: 40067
? Author Ids: 7005048304;6507884877;7005306316;7004085478
? Corresponding: Vernazza G.

274.

? Title: Digital radiography
? Venue: Minerva Medica
? Year: 1982
? Type: Journal
? Subtype: Article
? Citations: 0
? Scopus ID: 2-s2.0-0020406929
? Issn: 00264806
? Volume: 73
? Issue: 49-50
? Pages: 3491-3494
? Authors: Vernazza G.; Pavanelli E.; Serpico S.; Bertolini C.; Chiabrera A.;
Antognetti P. F.; Mondani P.
? Source Id: 26687
? Author Ids:
7005048304;6506718762;7005306316;55441779300;7004572693;7003816900;55442538300
? Authoraffiliationids: 60025153;60025153;60025153;;;;
? Corresponding: Vernazza G.

275.

? Title: Non-Interacting Ellipsoidal Bodies Suspensions.
? Venue: Alta Frequenza
? Year: 1982
? Type: Journal
? Subtype: Article
? Citations: 1
? Scopus ID: 2-s2.0-0020179747
? Issn: 00026557
? Volume: 51
? Issue: 5
? Pages: 287-290
? Authors: Parodi Mauro; Serpico Sebastiano; Ridella Sandro
? Source Id: 40401
? Author Ids: 35508934400;7005306316;7006643280
? Corresponding: Parodi M.