

LAVAGETTO FABIO

Overview

? Unit: ICT
? Role: Professore ordinario
? Grade: Prof.Ordinario DPR 232/11 art.2 - t.pieno - cl. 6
? SSD: IINF-03/A (Telecomunicazioni)
? Scopus ID: 7004136693
? Unige Id: 054417
? Retrieved at: 2025-11-14T15:17:28.204567

Contact

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? Page: <https://rubrica.unige.it/personale/VUZDX1tu>
? Locations: Opera Pia - padiglione E (ED161450402), 2° piano, US161450402.II.005

Career

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

Responsibilities

? Title: Componente del Nucleo di valutazione di Ateneo
? Unit: Universit  Degli Studi Di Genova
? Period: 2025-03-15 ? 2027-03-14

Teaching

2025

? Elaborazione E Trasmissione Di Segnali E Immagini (72338), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Telecomunicazioni (97168), L-9 - Ingegneria Gestionale
? Telecommunications For Transport And Logistics (90452), Lm-26 R - Safe Transport And Logistics Engineering

2024

? Elaborazione E Trasmissione Di Segnali E Immagini (72338), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Telecommunications For Transport And Logistics (90452), Lm-26 - Safety Engineering For Transport, Logistics And Production
? Pervasive Communication And Context Awareness (90140), Lm-27 - Internet And Multimedia Engineering
? Pervasive Communication And Context Awareness (90140), Lm-27 - Internet And Multimedia Engineering
? Telecomunicazioni (97168), L-9 - Ingegneria Gestionale

2023

? Elaborazione E Trasmissione Di Segnali E Immagini (72338), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Telecommunications For Transport And Logistics (90452), Lm-26 - Safety Engineering For Transport, Logistics And Production
? Pervasive Communication And Context Awareness (90140), Lm-27 - Internet And Multimedia Engineering
? Telecomunicazioni (97168), L-9 - Ingegneria Gestionale

2022

? Elaborazione E Trasmissione Di Segnali E Immagini (72338), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Technologies For Safety, Security, And Infomobility (90452), Lm-26 - Safety Engineering For Transport, Logistics And Production
? Pervasive Communication And Context Awareness (90140), Lm-27 - Internet And Multimedia Engineering

2021

? Elaborazione E Trasmissione Di Segnali E Immagini (72338), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Technologies For Safety, Security, And Infomobility (90452), Lm-26 - Safety Engineering For Transport, Logistics And Production
? Pervasive Communication And Context Awareness (90140), Lm-27 - Internet And Multimedia Engineering
? Comunicazioni Elettriche (97168), L-9 - Ingegneria Gestionale

2020

? Elaborazione E Trasmissione Di Segnali E Immagini (72338), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Technologies For Safety, Security, And Infomobility (90452), Lm-26 - Safety Engineering For Transport, Logistics And Production
? Pervasive Communication And Context Awareness (90140), Lm-27 - Internet And Multimedia Engineering
? Comunicazioni Elettriche (97168), L-9 - Ingegneria Gestionale

Scopus Metrics

? absolute; Docs: 181; Journals: 60; Conferences: 106; Citations: 2394; H-index: 26
? 15 years (2010-2025); Docs: 122; Journals: 45; Conferences: 70; Citations: 1981; H-index: 24
? 10 years (2015-2025); Docs: 94; Journals: 40; Conferences: 50; Citations: 1520; H-index: 20
? 05 years (2020-2025); Docs: 46; Journals: 21; Conferences: 24; Citations: 418; H-index: 10

Scopus Products

1.

? Title: AI-Enabled Internet of Medical Things: Architectural Framework and Case Studies
? Venue: IEEE Internet of Things Magazine
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 1
? Doi: 10.1109/lotm.001.2400150
? Scopus ID: 2-s2.0-85219522724
? Issn: 25763180
? eISSN: 25763199
? Volume: 8
? Issue: 2
? Pages: 121-128
? Authors: Bisio Igor; Fallani Caterina; Garibotto Chiara; Haleem Halar; Lavagetto Fabio; Hamedani Mehrnaz; Schenone Angelo; Sciarrone Andrea; Zerbino Matteo
? Quartile:
2025:

? Computer Networks and Communications (Q1, rank 81, percentile 85)
? Software (Q1, rank 81, percentile 83)
? Computer Science Applications (Q1, rank 158, percentile 83)
? Information Systems (Q1, rank 84, percentile 83)
? Hardware and Architecture (Q1, rank 41, percentile 82)
? Source Id: 21101224376
? Author Ids: 8546192900;59226255200;57053502600;57223037986;7004136693;57219039113;22836045400;36180166900;58734922800
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153-129430806;60025153
? Corresponding: Bisio I.

2.

? Title: CrowdWatch: Privacy-Preserving Monitoring Leveraging WiFi Multiple Access Information
? Venue: IEEE Internet of Things Journal
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 2
? Doi: 10.1109/Jiot.2025.3528226
? Scopus ID: 2-s2.0-85215546457
? eISSN: 23274662
? Volume: 12
? Issue: 11
? Pages: 15238-15248
? Authors: Nozari Sheida; Haleem Halar; Garibotto Chiara; Sciarrone Andrea; Bisio Igor; Lavagetto Fabio
? Keywords: Crowd monitoring | Internet of Things (IoT) | MAC randomization | multiple access control | WiFi sensing | WiFi tracking
? Quartile:
2025:
? Computer Networks and Communications (Q1, rank 20, percentile 96)
? Hardware and Architecture (Q1, rank 9, percentile 96)
? Signal Processing (Q1, rank 12, percentile 94)
? Computer Science Applications (Q1, rank 62, percentile 93)
? Information Systems (Q1, rank 32, percentile 93)
? Source Id: 21100338350
? Author Ids: 57302361700;57223037986;57053502600;36180166900;8546192900;7004136693
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Nozari S.

3.

? Title: Analyzing Broadcast Patterns and Randomization Techniques in Wi-Fi Probe Request Frames
? Venue: IEEE Network
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 1
? Doi: 10.1109/Mnet.2024.3479457
? Scopus ID: 2-s2.0-85207382710
? Issn: 08908044
? eISSN: 1558156X
? Volume: 39
? Issue: 4

? Pages: 228-234
? Authors: Nozari Sheida; Garibotto Chiara; Sciarrone Andrea; Bisio Igor; Lavagetto Fabio
? Keywords: MAC randomization | Probe Requests | Wi-Fi Frame
? Quartile:
2025:
? Hardware and Architecture (Q1, rank 11, percentile 95)
? Computer Networks and Communications (Q1, rank 31, percentile 94)
? Software (Q1, rank 37, percentile 92)
? Information Systems (Q1, rank 42, percentile 91)
? Source Id: 27239
? Author Ids: 57302361700;57053502600;36180166900;8546192900;7004136693
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Nozari S.

4.
? Title: AI-Driven Estimation of Breathing Frequency Through CSI Analysis
? Venue: IEEE International Conference on Communications
? Year: 2025
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/lcc52391.2025.11161454
? Scopus ID: 2-s2.0-105018474953
? Issn: 15503607
? Pages: 934-939
? Authors: Bisio Igor; Fallani Caterina; Garibotto Chiara; Grattarola Aldo; Lavagetto Fabio; Sciarrone Andrea; Zerbino Matteo
? Keywords: Channel State Information (CSI) | Contactless Patient Monitoring | eHealth | Respiratory Monitoring | Wi-Fi
? Source Id: 33201
? Author Ids:
8546192900;59226255200;57053502600;6603286614;7004136693;36180166900;58734922800
? Authoraffiliationids:
60025153;60025153;60025153;60025153;60025153;60025153-130390328;60025153
? Corresponding: Bisio I.

5.
? Title: Comparison of Sensing Capabilities Using Different CSI Detection Tools
? Venue: IEEE International Conference on Communications
? Year: 2025
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/lcc52391.2025.11160982
? Scopus ID: 2-s2.0-105018468314
? Issn: 15503607
? Pages: 6426-6431
? Authors: Bisio Igor; Fallani Caterina; Garibotto Chiara; Grattarola Aldo; Lavagetto Fabio; Sciarrone Andrea; Zerbino Matteo
? Keywords: Channel State Information (CSI) | classification | DL | IoT | ML | Wi-Fi
? Source Id: 33201
? Author Ids:
8546192900;59226255200;57053502600;6603286614;7004136693;36180166900;58734922800
? Authoraffiliationids: 60025153;60025153;60025153-130390328;60025153;60025153-130390328;60025153-130390328;60025153

? Corresponding: Bisio I.

6.

? Title: Deep at the Edge: AI-Driven Signal Compression for Structural Health Monitoring in Symbiotic IoT Systems

? Venue: IEEE Internet of Things Journal

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 0

? Doi: 10.1109/Jiot.2025.3603739

? Scopus ID: 2-s2.0-105014610119

? eISSN: 23274662

? Volume: 12

? Issue: 20

? Pages: 41538-41549

? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea; Zerbino Matteo

? Keywords: artificial intelligence (AI) | autoencoders (AEs) | compressive sensing (CS) | edge computing | neural networks (NNs) | structural health monitoring (SHM) | Symbiotic Internet of Things (IoT) | wireless sensor networks (WSNs)

? Quartile:

2025:

? Computer Networks and Communications (Q1, rank 20, percentile 96)

? Hardware and Architecture (Q1, rank 9, percentile 96)

? Signal Processing (Q1, rank 12, percentile 94)

? Computer Science Applications (Q1, rank 62, percentile 93)

? Information Systems (Q1, rank 32, percentile 93)

? Source Id: 21100338350

? Author Ids: 8546192900;57053502600;7004136693;36180166900;58734922800

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

? Corresponding: Bisio I.

7.

? Title: Design, Implementation and Performance of an IIoT Node for Vibration Monitoring

? Venue: Proceedings IEEE International Symposium on Circuits and Systems

? Year: 2025

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1109/Isccas56072.2025.11043851

? Scopus ID: 2-s2.0-105010581338

? Issn: 02714310

? Authors: Bisio Igor; Garibotto Chiara; Grattarola Aldo; Iskra Alessandro; Lavagetto Fabio; Sciarrone Andrea; Zerbino Matteo

? Keywords: IMU | Industrial IoT | LoRa | Structural Health Monitoring

? Quartile:

2025:

? Electrical and Electronic Engineering (Q3, rank 652, percentile 34)

? Source Id: 56190

? Author Ids:

8546192900;57053502600;6603286614;6506869764;7004136693;36180166900;58734922800

? Authoraffiliationids: 60025153;60025153-130390328;60025153;60025153;60025153-130390328;60025153-130390328;60025153

? Corresponding: Bisio I.

8.

? Title: Analyzing Wi-Fi Probe Requests: Insights Into MAC Randomization and Broadcasting Dynamics
? Venue: IEEE Wireless Communications and Networking Conference Wcnc
? Year: 2025
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Wcnc61545.2025.10978833
? Scopus ID: 2-s2.0-105006458154
? Issn: 15253511
? Authors: Nozari Sheida; Garibotto Chiara; Sciarrone Andrea; Bisio Igor; Lavagetto Fabio
? Keywords: crowd monitoring | MAC randomization | probe requests | Wi-Fi frame
? Quartile:
2025:
? Engineering (all) (Q2, rank 148, percentile 57)
? Source Id: 145653
? Author Ids: 57302361700;57053502600;36180166900;8546192900;7004136693
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Nozari S.

9.

? Title: Cost-Efficient and Portable IoMT Solution for Post-Stroke Rehabilitation: Inferring Feet Pressures With Lower Limbs IMUs
? Venue: IEEE Internet of Things Journal
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 0
? Doi: 10.1109/Jiot.2024.3520675
? Scopus ID: 2-s2.0-105003801755
? eISSN: 23274662
? Volume: 12
? Issue: 9
? Pages: 12355-12368
? Authors: Shahid Muhammad; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Hamedani Mehrnaz; Schenone Angelo; Sciarrone Andrea
? Keywords: e-Health | Internet of Medical Things (IoMT) | motor assessment | post-stroke rehabilitation | statistical machine learning
? Quartile:
2025:
? Computer Networks and Communications (Q1, rank 20, percentile 96)
? Hardware and Architecture (Q1, rank 9, percentile 96)
? Signal Processing (Q1, rank 12, percentile 94)
? Computer Science Applications (Q1, rank 62, percentile 93)
? Information Systems (Q1, rank 32, percentile 93)
? Source Id: 21100338350
? Author Ids:
57189684334;8546192900;57053502600;7004136693;57219039113;22836045400;36180166900
? Authoraffiliationids:
60025153;60025153;60025153;60025153;60025153;60025153;60025153-131352891
? Corresponding: Shahid M.

10.

? Title: RF/WiFi-based UAV surveillance systems: A systematic literature review

? Venue: Internet of Things Netherlands
? Year: 2024
? Type: Journal
? Subtype: Review
? Citations: 14
? DOI: 10.1016/j.iot.2024.101201
? Scopus ID: 2-s2.0-85192971175
? eISSN: 25426605
? Volume: 26
? Authors: Bisio Igor; Garibotto Chiara; Haleem Halar; Lavagetto Fabio; Sciarrone Andrea
? Keywords: Detection | Drone | Safety | Surveillance | Tracking
? Quartile:
2025:
? Hardware and Architecture (Q1, rank 7, percentile 97)
? Computer Science (miscellaneous) (Q1, rank 7, percentile 96)
? Engineering (miscellaneous) (Q1, rank 14, percentile 95)
? Information Systems (Q1, rank 27, percentile 94)
? Software (Q1, rank 28, percentile 94)
? Computer Science Applications (Q1, rank 56, percentile 94)
? Management of Technology and Innovation (Q1, rank 21, percentile 93)
? Artificial Intelligence (Q1, rank 42, percentile 91)
2024:
? Engineering (miscellaneous) (Q1, rank 15, percentile 94)
? Computer Science (miscellaneous) (Q1, rank 10, percentile 94)
? Hardware and Architecture (Q1, rank 15, percentile 93)
? Computer Science Applications (Q1, rank 76, percentile 92)
? Software (Q1, rank 42, percentile 91)
? Information Systems (Q1, rank 42, percentile 91)
? Management of Technology and Innovation (Q1, rank 32, percentile 89)
? Artificial Intelligence (Q1, rank 54, percentile 88)
? Source Id: 21101058910
? Author Ids: 8546192900;57053502600;57223037986;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

11.

? Title: SHM With Low-Cost, Low-Energy, and Low-Rate IoT Devices: Reducing Transmission Burden With Compressive Sensing
? Venue: IEEE Internet of Things Journal
? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 4
? Doi: 10.1109/Jiot.2024.3390803
? Scopus ID: 2-s2.0-85190758736
? eISSN: 23274662
? Volume: 11
? Issue: 13
? Pages: 24323-24333
? Authors: Bisio Igor; Garibotto Chiara; Grattarola Aldo; Lavagetto Fabio; Sciarrone Andrea; Zerbino Matteo
? Keywords: Compressive sensing (CS) | inertial signals | IoT | signal processing | structural health monitoring (SHM)
? Quartile:

2025:

- ? Computer Networks and Communications (Q1, rank 20, percentile 96)
- ? Hardware and Architecture (Q1, rank 9, percentile 96)
- ? Signal Processing (Q1, rank 12, percentile 94)
- ? Computer Science Applications (Q1, rank 62, percentile 93)
- ? Information Systems (Q1, rank 32, percentile 93)

2024:

- ? Hardware and Architecture (Q1, rank 6, percentile 97)
- ? Computer Networks and Communications (Q1, rank 16, percentile 96)
- ? Signal Processing (Q1, rank 8, percentile 95)
- ? Information Systems (Q1, rank 21, percentile 95)
- ? Computer Science Applications (Q1, rank 45, percentile 95)

? Source Id: 21100338350

? Author Ids: 8546192900;57053502600;6603286614;7004136693;36180166900;58734922800

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

? Corresponding: Bisio I.

12.

? Title: Vehicular/Non-Vehicular Multi-Class Multi-Object Tracking in Drone-Based Aerial Scenes

? Venue: IEEE Transactions on Vehicular Technology

? Year: 2024

? Type: Journal

? Subtype: Article

? Citations: 9

? Doi: 10.1109/Tvt.2023.3332132

? Scopus ID: 2-s2.0-85178077060

? Issn: 00189545

? eISSN: 19399359

? Volume: 73

? Issue: 4

? Pages: 4961-4977

? Authors: Bisio Igor; Garibotto Chiara; Haleem Halar; Lavagetto Fabio; Sciarrone Andrea

? Keywords: Aerial scenes | data association | drones | multi-object tracking (MOT)

? Quartile:

2025:

- ? Aerospace Engineering (Q1, rank 5, percentile 97)
- ? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)
- ? Automotive Engineering (Q1, rank 9, percentile 93)
- ? Computer Networks and Communications (Q1, rank 38, percentile 93)

2024:

- ? Aerospace Engineering (Q1, rank 5, percentile 97)
- ? Automotive Engineering (Q1, rank 8, percentile 94)
- ? Electrical and Electronic Engineering (Q1, rank 68, percentile 93)
- ? Computer Networks and Communications (Q1, rank 38, percentile 92)

? Source Id: 17393

? Author Ids: 8546192900;57053502600;57223037986;7004136693;36180166900

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

? Corresponding: Bisio I.

13.

? Title: Replacing Force Plates with IMU-based SmartGlasses for Balance Assessment

? Venue: 2024 IEEE International Conference on E Health Networking Application and Services Healthcom 2024

? Year: 2024

- ? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Healthcom60970.2024.10880807
? Scopus ID: 2-s2.0-85219635071
? Authors: Haleem Halar; Shahid Muhammad; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Nozari Sheida; Sciarrone Andrea; Hamedani Mehrnaz; Schenone Angelo
? Keywords: balance assessment | force platform | IMUs | machine learning | motor control | risk of fall | smart-glasses
? Source Id: 21101278600
? Author Ids: 57223037986;57189684334;8546192900;57053502600;7004136693;57302361700;36180166900;57219039113;22836045400
? Authoraffiliationids: 60025153;60025153;60025153-130272028;60025153-130272028;60025153-130272028;60025153;60025153-130272028;60025153;60025153-130272028
? Corresponding: Haleem H.
- 14.
- ? Title: A Novel Lebesgue-Space Inversion Approach for Microwave Stroke Imaging
? Venue: 2024 IEEE International Conference on Metrology for Extended Reality Artificial Intelligence and Neural Engineering Metroxraine 2024 Proceedings
? Year: 2024
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? DOI: 10.1109/MetroXRAINE62247.2024.10796016
? Scopus ID: 2-s2.0-85216088017
? Pages: 107-112
? Authors: Schenone Valentina; Fedeli Alessandro; Estatico Claudio; Sciarrone Andrea; Bisio Igor; Lavagetto Fabio; Randazzo Andrea
? Keywords: inverse scattering | Microwave imaging | mild-data driven approach | stroke imaging
? Source Id: 21101271412
? Author Ids: 57216360162;55512997500;9739222400;36180166900;8546192900;7004136693;7006280562
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Schenone V.
- 15.
- ? Title: Numerical Assessment of a Microwave Imaging Technique for Pediatric Stroke Diagnostics
? Venue: Proceedings of the International Conference on Electromagnetics in Advanced Applications Iceaa
? Year: 2024
? Type: Journal
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Iceaa61917.2024.10701636
? Scopus ID: 2-s2.0-85208714502
? Issn: 28351355
? eISSN: 27662284
? Issue: 2024
? Pages: 596
? Authors: Schenone Valentina; Fedeli Alessandro; Parodi Costanza; Bisio Igor; Sciarrone Andrea; Rossi Andrea; Lavagetto Fabio; Randazzo Andrea
? Quartile:
2025:

? Instrumentation (Q4, rank 164, percentile 13)
? Radiation (Q4, rank 66, percentile 10)
? Computer Networks and Communications (Q4, rank 492, percentile 10)
? Electrical and Electronic Engineering (Q4, rank 908, percentile 9)

2024:

? Instrumentation (Q4, rank 166, percentile 4)
? Computer Networks and Communications (Q4, rank 487, percentile 4)
? Electrical and Electronic Engineering (Q4, rank 933, percentile 3)
? Radiation (Q4, rank 65, percentile 3)

? Source Id: 21101257984

? Author Ids: 57216360162;55512997500;57566447600;8546192900;36180166900;7403475016;7004136693;7006280562

? Authoraffiliationids:

60025153;60025153;60016041;60025153;60025153;60016041;60025153;60025153

? Corresponding: Schenone V.

16.

? Title: Model-Independent Approach for Long-Tail Object Detection in Aerial Imagery
? Venue: Proceedings 2024 IEEE Annual Congress on Artificial Intelligence of Things Aiot 2024

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? DOI: 10.1109/AIoT63253.2024.00025

? Scopus ID: 2-s2.0-85205958648

? Pages: 78-80

? Authors: Haleem Halar; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea

? Keywords: long-tail | object detection | weighting strategy

? Source Id: 21101252543

? Author Ids: 57223037986;8546192900;57053502600;7004136693;36180166900

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

? Corresponding: Haleem H.

17.

? Title: Towards Sensorized Glasses: A Smart Wearable System for Head Movement Monitoring

? Venue: 2024 9th International Conference on Smart and Sustainable Technologies Splitech 2024

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? DOI: 10.23919/SpliTech61897.2024.10612333

? Scopus ID: 2-s2.0-85202449604

? Authors: Bisio Igor; Garibotto Chiara; Hamedani Mehrnaz; Lavagetto Fabio; Schenone Angelo; Sciarrone Andrea; Shahid Muhammad

? Keywords: Head movement | Health monitoring | IMU | IoT | Machine Learning | Multivariate time series

? Source Id: 21101245170

? Author Ids:

8546192900;57053502600;57219039113;7004136693;22836045400;36180166900;57189684334

? Authoraffiliationids:

60025153;60025153;60025153;60025153;60025153;60025153-130390328;60025153

? Corresponding: Bisio I.

18.
? Title: Performance Evaluation of Machine/Deep Learning-Based Object Recognition Techniques Leveraging Channel State Information Using a Real Testbed
? Venue: IEEE Access
? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 1
? Doi: 10.1109/Access.2024.3428612
? Scopus ID: 2-s2.0-85199114500
? eISSN: 21693536
? Volume: 12
? Pages: 98680-98692
? Authors: Bisio Igor; Fallani Caterina; Garibotto Chiara; Grattarola Aldo; Lavagetto Fabio; Sciarrone Andrea; Zappatore Sandro; Zerbino Matteo
? Keywords: Classification | CSI | deep learning | machine learning | object detection | object recognition | WiFi
? Quartile:
2025:
? Engineering (all) (Q1, rank 42, percentile 88)
? Computer Science (all) (Q1, rank 41, percentile 83)
? Materials Science (all) (Q1, rank 101, percentile 78)
2024:
? Engineering (all) (Q1, rank 32, percentile 90)
? Computer Science (all) (Q1, rank 33, percentile 86)
? Materials Science (all) (Q1, rank 87, percentile 81)
? Source Id: 21100374601
? Author Ids: 8546192900;59226255200;57053502600;6603286614;7004136693;36180166900;6602811400;58734922800
? Authoraffiliationids:
60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.
19.
? Title: Brain Stroke Microwave Diagnostics in Children Through a Nonlinear Inverse-Scattering Technique
? Venue: 18th European Conference on Antennas and Propagation Eucap 2024
? Year: 2024
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? DOI: 10.23919/EuCAP60739.2024.10501405
? Scopus ID: 2-s2.0-85192499934
? Authors: Schenone Valentina; Fedeli Alessandro; Parodi Costanza; Bisio Igor; Sciarrone Andrea; Rossi Andrea; Lavagetto Fabio; Randazzo Andrea
? Keywords: inverse scattering | Lebesgue spaces | microwave imaging | Paediatric stroke
? Source Id: 21101220747
? Author Ids: 57216360162;55512997500;57566447600;8546192900;36180166900;7403475016;7004136693;7006280562
? Authoraffiliationids:
60025153;60025153;60016041;60025153;60025153;60016041;60025153;60025153
? Corresponding: Schenone V.
20.
? Title: Analysis of CSI-based Human Activity Recognition for Contactless Patients

Monitoring

? Venue: Proceedings IEEE Global Communications Conference Globecom

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.1109/Globecom52923.2024.10901592

? Scopus ID: 2-s2.0-105000824308

? Issn: 23340983

? eISSN: 25766813

? Pages: 438-443

? Authors: Bisio Igor; Fallani Caterina; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea; Zerbino Matteo

? Keywords: Channel State Information (CSI) | Contactless Patient Monitoring | eHealth | Human Activity Recognition (HAR) | Machine Learning | Wi-Fi

? Quartile:

2025:

? Signal Processing (Q2, rank 90, percentile 54)

? Computer Networks and Communications (Q2, rank 260, percentile 52)

? Artificial Intelligence (Q3, rank 262, percentile 47)

? Hardware and Architecture (Q3, rank 129, percentile 45)

2024:

? Signal Processing (Q3, rank 94, percentile 48)

? Computer Networks and Communications (Q3, rank 275, percentile 45)

? Artificial Intelligence (Q3, rank 267, percentile 40)

? Hardware and Architecture (Q3, rank 143, percentile 36)

? Source Id: 21101199922

? Author Ids: 8546192900;59226255200;57053502600;7004136693;36180166900;58734922800

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153-130390328;60025153

? Corresponding: Bisio I.

21.

? Title: Performance Analysis of VCA-Based Target Detection System for Maritime Surveillance

? Venue: IEEE Transactions on Vehicular Technology

? Year: 2023

? Type: Journal

? Subtype: Article

? Citations: 5

? Doi: 10.1109/Tvt.2022.3223250

? Scopus ID: 2-s2.0-85142795318

? Issn: 00189545

? eISSN: 19399359

? Volume: 72

? Issue: 4

? Pages: 5010-5020

? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea

? Keywords: Detection | H264 | latency | loss | maritime | neural networks | PSNR | satellite | surveillance | VCA

? Quartile:

2025:

? Aerospace Engineering (Q1, rank 5, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)

? Automotive Engineering (Q1, rank 9, percentile 93)

? Computer Networks and Communications (Q1, rank 38, percentile 93)

2023:

- ? Aerospace Engineering (Q1, rank 5, percentile 97)
- ? Automotive Engineering (Q1, rank 5, percentile 96)
- ? Computer Networks and Communications (Q1, rank 23, percentile 94)
- ? Electrical and Electronic Engineering (Q1, rank 48, percentile 94)

? Source Id: 17393

? Author Ids: 8546192900;57053502600;7004136693;36180166900

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Bisio I.

22.

? Title: Traffic Analysis Through Deep-Learning-Based Image Segmentation From UAV Streaming

? Venue: IEEE Internet of Things Journal

? Year: 2023

? Type: Journal

? Subtype: Article

? Citations: 21

? Doi: 10.1109/Jiot.2022.3223283

? Scopus ID: 2-s2.0-85142792943

? eISSN: 23274662

? Volume: 10

? Issue: 7

? Pages: 6059-6073

? Authors: Bisio Igor; Garibotto Chiara; Haleem Halar; Lavagetto Fabio; Sciarrone Andrea

? Keywords: Deep learning (DL) | drones | Region of Interest (RoI) | segmentation | traffic monitoring | vehicle detection

? Quartile:

2025:

- ? Computer Networks and Communications (Q1, rank 20, percentile 96)
- ? Hardware and Architecture (Q1, rank 9, percentile 96)
- ? Signal Processing (Q1, rank 12, percentile 94)
- ? Computer Science Applications (Q1, rank 62, percentile 93)
- ? Information Systems (Q1, rank 32, percentile 93)

2023:

- ? Computer Networks and Communications (Q1, rank 12, percentile 97)
- ? Computer Science Applications (Q1, rank 29, percentile 96)
- ? Hardware and Architecture (Q1, rank 7, percentile 96)
- ? Information Systems (Q1, rank 17, percentile 95)
- ? Signal Processing (Q1, rank 6, percentile 95)

? Source Id: 21100338350

? Author Ids: 8546192900;57053502600;57223037986;7004136693;36180166900

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

? Corresponding: Bisio I.

23.

? Title: Feet Pressure Prediction from Lower Limbs IMU Sensors for Wearable Systems in Remote Monitoring Architectures

? Venue: Proceedings IEEE Global Communications Conference Globecom

? Year: 2023

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1109/Globecom54140.2023.10437695

? Scopus ID: 2-s2.0-85187399878

? Issn: 23340983
? eISSN: 25766813
? Pages: 492-497
? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Shahid Muhammad
? Keywords: eHealth | Foot Pressure sensing | IoT | Statistical machine Learning | Stroke Rehabilitation
? Quartile:
2025:
? Signal Processing (Q2, rank 90, percentile 54)
? Computer Networks and Communications (Q2, rank 260, percentile 52)
? Artificial Intelligence (Q3, rank 262, percentile 47)
? Hardware and Architecture (Q3, rank 129, percentile 45)
? Source Id: 21101199922
? Author Ids: 8546192900;57053502600;7004136693;57189684334
? Authoraffiliationids:
60025153-129430806;60025153-129430806;60025153-129430806;60025153-129430806
? Corresponding: Bisio I.

24.

? Title: Investigating Compressive Sensing Applications Through Real Infrastructures Inertial Signals Analysis
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2023
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1109/Globecom54140.2023.10437318
? Scopus ID: 2-s2.0-85187378260
? Issn: 23340983
? eISSN: 25766813
? Pages: 279-284
? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea; Zerbino Matteo
? Keywords: Compressive Sensing (CS) | Inertial Signals | IoT | Signal Processing | Structural Health Monitoring (SHM)
? Quartile:
2025:
? Signal Processing (Q2, rank 90, percentile 54)
? Computer Networks and Communications (Q2, rank 260, percentile 52)
? Artificial Intelligence (Q3, rank 262, percentile 47)
? Hardware and Architecture (Q3, rank 129, percentile 45)
? Source Id: 21101199922
? Author Ids: 8546192900;57053502600;7004136693;36180166900;58734922800
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

25.

? Title: A Multifrequency Inverse-Scattering Technique for Brain Stroke Microwave Diagnostics
? Venue: 2023 IEEE International Conference on Metrology for Extended Reality Artificial Intelligence and Neural Engineering Metroxraine 2023 Proceedings
? Year: 2023
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? DOI: 10.1109/MetroXRaine58569.2023.10405642

? Scopus ID: 2-s2.0-85185819357
? Pages: 502-506
? Authors: Fedeli Alessandro; Maheswaran Maurica; Schenone Valentina; Sciarrone Andrea; Bisio Igor; Lavagetto Fabio; Pastorino Matteo; Randazzo Andrea; Estatico Claudio
? Keywords: Brain stroke | inverse scattering | microwave imaging
? Source Id: 21101202153
? Author Ids: 55512997500;58902474300;57216360162;36180166900;8546192900;7004136693;7004880389;7006280562;9739222400
? Authoraffiliationids:
60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Fedeli A.

26.

? Title: Microwave Imaging for the Diagnosis of Stroke in Pediatric Patients: An Initial Study
? Venue: IEEE Conference on Antenna Measurements and Applications Cama
? Year: 2023
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Cama57522.2023.10352828
? Scopus ID: 2-s2.0-85182283448
? Issn: 24741760
? eISSN: 26436795
? Pages: 126-129
? Authors: Schenone Valentina; Fedeli Alessandro; Parodi Costanza; Bisio Igor; Sciarrone Andrea; Rossi Andrea; Lavagetto Fabio; Randazzo Andrea
? Keywords: inverse scattering | microwave imaging | pediatric stroke
? Quartile:
2025:
? Radiation (Q3, rank 53, percentile 28)
? Instrumentation (Q3, rank 140, percentile 25)
? Computer Networks and Communications (Q4, rank 432, percentile 21)
? Source Id: 21101136249
? Author Ids: 57216360162;55512997500;57566447600;8546192900;36180166900;7403475016;7004136693;7006280562
? Authoraffiliationids:
60025153;60025153;60016041;60025153;60025153;60016041;60025153;60025153
? Corresponding: Schenone V.

27.

? Title: IoT-Based Compressive Sensing for Real-World Infrastructural Monitoring Application
? Venue: IEEE International Conference on Communications
? Year: 2023
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1109/Icc45041.2023.10278730
? Scopus ID: 2-s2.0-85178284176
? Issn: 15503607
? Volume: 2023-May
? Pages: 2166-2172
? Authors: Zerbino Matteo; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea
? Keywords: Compressive Sensing (CS) | Inertial Signals | Infrastructural Monitoring |

IoT node | Signal Processing

? Source Id: 33201

? Author Ids: 58734922800;8546192900;57053502600;7004136693;36180166900

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

? Corresponding: Zerbino M.

28.

? Title: A Multifrequency Electromagnetic Imaging Approach for the Detection of Brain Injuries

? Venue: 17th European Conference on Antennas and Propagation EuCAP 2023

? Year: 2023

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? DOI: 10.23919/EuCAP57121.2023.10133540

? Scopus ID: 2-s2.0-85162242667

? Authors: Schenone Valentina; Fedeli Alessandro; Estatico Claudio; Bisio Igor; Lavagetto Fabio; Sciarrone Andrea; Pastorino Matteo; Randazzo Andrea

? Keywords: Brain stroke | electromagnetic imaging | inverse problems | multifrequency methods

? Source Id: 21101158924

? Author Ids: 57216360162;55512997500;9739222400;8546192900;7004136693;36180166900;7004880389;7006280562

? Authoraffiliationids:

60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Schenone V.

29.

? Title: Performance Analysis of an IoT-Based Personal Vocal Assistant for Cruise Ships over Satellite Networks

? Venue: IEEE Internet of Things Journal

? Year: 2022

? Type: Journal

? Subtype: Article

? Citations: 6

? Doi: 10.1109/Jiot.2021.3116435

? Scopus ID: 2-s2.0-85116903761

? eISSN: 23274662

? Volume: 9

? Issue: 16

? Pages: 14857-14866

? Authors: Garibotto Chiara; Sciarrone Andrea; Lavagetto Fabio; Pronzati Luca; Baljak Alessio; Tagliabue Gabriele

? Keywords: Cruising ships | Internet of Things (IoT) | M2M | personal vocal assistant (PVA) | satellite network

? Quartile:

2025:

? Computer Networks and Communications (Q1, rank 20, percentile 96)

? Hardware and Architecture (Q1, rank 9, percentile 96)

? Signal Processing (Q1, rank 12, percentile 94)

? Computer Science Applications (Q1, rank 62, percentile 93)

? Information Systems (Q1, rank 32, percentile 93)

2022:

? Signal Processing (Q1, rank 3, percentile 97)

? Computer Science Applications (Q1, rank 18, percentile 97)

? Computer Networks and Communications (Q1, rank 11, percentile 97)

? Hardware and Architecture (Q1, rank 6, percentile 96)
? Information Systems (Q1, rank 14, percentile 96)
? Source Id: 21100338350
? Author Ids: 57053502600;36180166900;7004136693;57844071100;57843317500;57845180300
? Authoraffiliationids: 60025153;60025153;60025153;128464418;128464418;128464418
? Corresponding: Garibotto C.

30.

? Title: Performance Evaluation and Analysis of Drone-Based Vehicle Detection Techniques From Deep Learning Perspective
? Venue: IEEE Internet of Things Journal
? Year: 2022
? Type: Journal
? Subtype: Article
? Citations: 41
? Doi: 10.1109/Jiot.2021.3128065
? Scopus ID: 2-s2.0-85133278261
? eISSN: 23274662
? Volume: 9
? Issue: 13
? Pages: 10920-10935
? Authors: Bisio Igor; Haleem Halar; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea
? Keywords: Aerial view | deep learning | drones | traffic monitoring | vehicle detection
? Quartile:

2025:

? Computer Networks and Communications (Q1, rank 20, percentile 96)
? Hardware and Architecture (Q1, rank 9, percentile 96)
? Signal Processing (Q1, rank 12, percentile 94)
? Computer Science Applications (Q1, rank 62, percentile 93)
? Information Systems (Q1, rank 32, percentile 93)

2022:

? Signal Processing (Q1, rank 3, percentile 97)
? Computer Science Applications (Q1, rank 18, percentile 97)
? Computer Networks and Communications (Q1, rank 11, percentile 97)
? Hardware and Architecture (Q1, rank 6, percentile 96)
? Information Systems (Q1, rank 14, percentile 96)

? Source Id: 21100338350
? Author Ids: 8546192900;57223037986;57053502600;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

31.

? Title: Innovative Flying Strategy based on Drone Energy Profile: an Application for Traffic Monitoring
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1109/Globecom48099.2022.10001318
? Scopus ID: 2-s2.0-85146967488
? Issn: 23340983
? eISSN: 25766813
? Pages: 5892-5898

? Authors: Bisio Igor; Haleem Halar; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea

? Keywords: communication | drone | energy consumption | flight time

? Quartile:

2025:

? Signal Processing (Q2, rank 90, percentile 54)

? Computer Networks and Communications (Q2, rank 260, percentile 52)

? Artificial Intelligence (Q3, rank 262, percentile 47)

? Hardware and Architecture (Q3, rank 129, percentile 45)

? Source Id: 21101199922

? Author Ids: 8546192900;57223037986;57053502600;7004136693;36180166900

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

? Corresponding: Bisio I.

32.

? Title: Accuracy-Versus-Energy Evaluation in Drone-Based Video Processing for Object Detection

? Venue: Proceedings IEEE Global Communications Conference Globecom

? Year: 2022

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.1109/Globecom48099.2022.10000961

? Scopus ID: 2-s2.0-85146965323

? Issn: 23340983

? eISSN: 25766813

? Pages: 5886-5891

? Authors: Bisio Igor; Haleem Halar; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea

? Keywords: communication | deep learning | detection | drone | energy profile | video processing

? Quartile:

2025:

? Signal Processing (Q2, rank 90, percentile 54)

? Computer Networks and Communications (Q2, rank 260, percentile 52)

? Artificial Intelligence (Q3, rank 262, percentile 47)

? Hardware and Architecture (Q3, rank 129, percentile 45)

? Source Id: 21101199922

? Author Ids: 8546192900;57223037986;57053502600;7004136693;36180166900

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

? Corresponding: Bisio I.

33.

? Title: A Systematic Review of Drone Based Road Traffic Monitoring System

? Venue: IEEE Access

? Year: 2022

? Type: Journal

? Subtype: Review

? Citations: 75

? Doi: 10.1109/Access.2022.3207282

? Scopus ID: 2-s2.0-85139434245

? eISSN: 21693536

? Volume: 10

? Pages: 101537-101555

? Authors: Bisio Igor; Garibotto Chiara; Haleem Halar; Lavagetto Fabio; Sciarrone Andrea

? Keywords: Deep learning | drone | smart city | traffic monitoring | UAV
? Quartile:
2025:
? Engineering (all) (Q1, rank 42, percentile 88)
? Computer Science (all) (Q1, rank 41, percentile 83)
? Materials Science (all) (Q1, rank 101, percentile 78)
2022:
? Engineering (all) (Q1, rank 22, percentile 92)
? Computer Science (all) (Q1, rank 25, percentile 89)
? Materials Science (all) (Q1, rank 78, percentile 82)
? Source Id: 21100374601
? Author Ids: 8546192900;57053502600;57223037986;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

34.

? Title: A Novel IoT-based Edge Sensing Platform for Structure Health Monitoring
? Venue: INFOCOM Wkshps 2022 IEEE Conference on Computer Communications Workshops
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 11
? Doi: 10.1109/Infocomwkshps54753.2022.9797953
? Scopus ID: 2-s2.0-85133912901
? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea
? Keywords: 5G | Edge computing | infrastructure monitoring | IoT | SHM
? Source Id: 21101095984
? Author Ids: 8546192900;57053502600;7004136693;36180166900
? Corresponding: Bisio I.

35.

? Title: On the Localization of Wireless Targets: A Drone Surveillance Perspective
? Venue: IEEE Network
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 43
? Doi: 10.1109/Mnet.011.2000648
? Scopus ID: 2-s2.0-85104680444
? Issn: 08908044
? eISSN: 1558156X
? Volume: 35
? Issue: 5
? Pages: 249-255
? Authors: Bisio Igor; Garibotto Chiara; Haleem Halar; Lavagetto Fabio; Sciarrone Andrea
? Quartile:
2025:
? Hardware and Architecture (Q1, rank 11, percentile 95)
? Computer Networks and Communications (Q1, rank 31, percentile 94)
? Software (Q1, rank 37, percentile 92)
? Information Systems (Q1, rank 42, percentile 91)
2021:
? Hardware and Architecture (Q1, rank 3, percentile 98)
? Computer Networks and Communications (Q1, rank 6, percentile 98)
? Information Systems (Q1, rank 8, percentile 97)

- ? Software (Q1, rank 11, percentile 97)
 ? Source Id: 27239
 ? Author Ids: 8546192900;57053502600;57223037986;7004136693;36180166900
 ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
 ? Corresponding: Bisio I.
36.
 ? Title: Two Ways for Early Detection of a Stroke through a Wearable Smart Helmet: Signal Processing vs. Electromagnetism
 ? Venue: IEEE Wireless Communications
 ? Year: 2021
 ? Type: Journal
 ? Subtype: Article
 ? Citations: 12
 ? Doi: 10.1109/Mwc.001.2000401
 ? Scopus ID: 2-s2.0-85111168674
 ? Issn: 15361284
 ? eISSN: 15580687
 ? Volume: 28
 ? Issue: 3
 ? Pages: 22-27
 ? Authors: Bisio Igor; Fedeli Alessandro; Garibotto Chiara; Lavagetto Fabio; Pastorino Matteo; Randazzo Andrea
 ? Quartile:
 2025:
 ? Electrical and Electronic Engineering (Q1, rank 24, percentile 97)
 ? Computer Science Applications (Q1, rank 29, percentile 97)
 2021:
 ? Computer Science Applications (Q1, rank 5, percentile 99)
 ? Electrical and Electronic Engineering (Q1, rank 10, percentile 98)
 ? Source Id: 18935
 ? Author Ids: 8546192900;55512997500;57053502600;7004136693;7004880389;7006280562
 ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
 ? Corresponding: Bisio I.
37.
 ? Title: Leveraging IoT Wearable Technology towards Early Diagnosis of Neurological Diseases
 ? Venue: IEEE Journal on Selected Areas in Communications
 ? Year: 2021
 ? Type: Journal
 ? Subtype: Article
 ? Citations: 26
 ? Doi: 10.1109/JSac.2020.3021573
 ? Scopus ID: 2-s2.0-85091390862
 ? Issn: 07338716
 ? eISSN: 15580008
 ? Volume: 39
 ? Issue: 2
 ? Pages: 582-592
 ? Authors: Sciarrone Andrea; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Staude Gerhard H.; Knopp Andreas
 ? Keywords: eHealth | eye blink | glasses | IoT | neurological diseases | signal processing | wearable technology
 ? Quartile:
 2025:

? Computer Networks and Communications (Q1, rank 4, percentile 99)

? Electrical and Electronic Engineering (Q1, rank 8, percentile 99)

2021:

? Computer Networks and Communications (Q1, rank 3, percentile 99)

? Electrical and Electronic Engineering (Q1, rank 14, percentile 98)

? Source Id: 18902

? Author Ids: 36180166900;8546192900;57053502600;7004136693;55982299700;23566953300

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60018276;60018276

? Corresponding: Sciarrone A.

38.

? Title: Drone surveillance system-RF/WiFi-based drone detection, localization, and tracking: A survey

? Venue: Aviation Cybersecurity Foundations Principles and Applications

? Year: 2021

? Type: Book

? Subtype: Book Chapter

? Citations: 4

? DOI: 10.1049/sbra545e_ch3

? Scopus ID: 2-s2.0-85136383866

? Pages: 49-81

? Authors: Bisio Igor; Garibotto Chiara; Haleem Halar; Lavagetto Fabio; Sciarrone Andrea

? Source Id: 21101102418

? Author Ids: 8546192900;57053502600;57223037986;7004136693;36180166900

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

? Corresponding: Bisio I.

39.

? Title: VisDrone-MOT2021: The Vision Meets Drone Multiple Object Tracking Challenge Results

? Venue: Proceedings of the IEEE International Conference on Computer Vision

? Year: 2021

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 37

? Doi: 10.1109/lccvw54120.2021.00318

? Scopus ID: 2-s2.0-85122776407

? Issn: 15505499

? Volume: 2021-October

? Pages: 2839-2846

? Authors: Chen Guanlin; Wang Wenguan; He Zhijian; Wang Lujia; Yuan Yixuan; Zhang Dingwen; Zhang Jinglin; Zhu Pengfei; Van Gool Luc; Han Junwei; Hoi Steven; Hu Qinghua; Liu Ming; Sciarrone Andrea; Sun Chao; Garibotto Chiara; Tran Duong Nguyen Ngoc; Lavagetto Fabio; Haleem Halar; Motorcu Hakki; Ates Hasan F.; Nguyen Huy Hung; Jeon Hyung Joon; Bisio Igor; Jeon Jae Wook; Li Jiahao; Pham Long Hoang; Jeon Moongu; Feng Qianyu; Li Shengwen; Tran Tai Huu Phuong; Pan Xiao; Song Young Min; Yao Yuehan; Du Yunhao; Xu Zhenyu; Luo Zhipeng

? Keywords: Benchmark | Challenge | Drone | Multi-object tracking | VisDrone

? Quartile:

2025:

? Software (Q1, rank 6, percentile 98)

? Computer Vision and Pattern Recognition (Q1, rank 6, percentile 96)

2021:

? Software (Q1, rank 23, percentile 94)

? Computer Vision and Pattern Recognition (Q1, rank 8, percentile 92)

? Source Id: 110561

? Author Ids: 57823150300;56103221800;57223744793;35175084300;55932867600;56024706800;5509658400;35779388800;22735702300;24450644400;8710996600;7403214664;55512872300;36180166900;57746184100;57053502600;57196243655;7004136693;57223037986;57339481700;7003483541;58594220200;57207104383;8546192900;7202411314;58503803100;56719255100;23987776700;57215774011;57222165705;58835819100;57417210700;55653877900;57215430277;57417298400;57188644531;57210633943

? Authoraffiliationids: 60019533;60025858;60008592;60008592;60013983;60003977;60064143;60019533;60025858;60003977;60018933;60019533;60008592;60025153;60003970;60025153;60007511;60025153;60025153;114935376;60104488;60007511;60007511;60025153;60007511;60003970;60007511;60068688;60023932;60016930;60007511;60003970;60068688;126541304;60016930;126541304;126541304

? Corresponding: Chen G.

40.

? Title: Early detection of external neurological symptoms through a wearable smart-glasses prototype

? Venue: Journal of Communications Software and Systems

? Year: 2021

? Type: Journal

? Subtype: Article

? Citations: 3

? DOI: 10.24138/jcomss-2021-0071

? Scopus ID: 2-s2.0-85108696406

? Issn: 18456421

? eISSN: 18466079

? Volume: 17

? Issue: 2

? Pages: 160-168

? Authors: Sciarrone Andrea; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Hamedani Mehrnaz; Prada Valeria; Schenone Angelo; Boero Federico; Gambari Gianluca; Cereia Marco; Jurilli Michele

? Keywords: EHealth | Eye Blink | Glasses | IoT | Neurological diseases | Signal processing | Wearable technology

? Quartile:

2025:

? Electrical and Electronic Engineering (Q3, rank 595, percentile 40)

? Software (Q3, rank 351, percentile 29)

2021:

? Electrical and Electronic Engineering (Q3, rank 434, percentile 38)

? Software (Q3, rank 277, percentile 30)

? Source Id: 19900191968

? Author Ids: 36180166900;8546192900;57053502600;7004136693;57219039113;57208860577;22836045400;57200958692;57218476376;25621208500;57224951314

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;126296272;126296272;126484083;126484083

? Corresponding: Sciarrone A.

41.

? Title: NeuroGlasses: A Wearable Prototype for Early Detection of Neurological Symptoms

? Venue: 2020 5th International Conference on Smart and Sustainable Technologies Splitech 2020

? Year: 2020

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 5
? DOI: 10.23919/SpliTech49282.2020.9243713
? Scopus ID: 2-s2.0-85096637306
? Authors: Sciarrone Andrea; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Hamedani Mehrnaz; Prada Valeria; Stara Silvia; Schenone Angelo; Boero Federico; Gambari Gianluca
? Keywords: Alzheimer's disease (AD) | Essential Tremor (ET) | Eye Blinking (EB) | IoT | Parkinson's disease (PD)
? Source Id: 21101028400
? Author Ids: 36180166900;8546192900;57053502600;7004136693;57219039113;57208860577;6507934408;22836045400;57200958692;57218476376
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;100490447;100490447
? Corresponding: Sciarrone A.

42.

? Title: A Microwave Diagnostic Technique for Early-Stage Brain Stroke Characterization
? Venue: 2020 33rd General Assembly and Scientific Symposium of the International Union of Radio Science URSI GASS 2020
? Year: 2020
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.23919/Ursigass49373.2020.9232318
? Scopus ID: 2-s2.0-85096860633
? Authors: Fedeli Alessandro; Randazzo Andrea; Sciarrone Andrea; Bisio Igor; Lavagetto Fabio; Pastorino Matteo
? Source Id: 21101028579
? Author Ids: 55512997500;7006280562;36180166900;8546192900;7004136693;7004880389
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Fedeli A.

43.

? Title: Computational Complexity Closed-Form Upper Bounds Derivation for Fingerprint-Based Point-of-Interest Recognition Algorithms
? Venue: IEEE Transactions on Vehicular Technology
? Year: 2020
? Type: Journal
? Subtype: Article
? Citations: 3
? Doi: 10.1109/Tvt.2020.3000568
? Scopus ID: 2-s2.0-85090151137
? Issn: 00189545
? eISSN: 19399359
? Volume: 69
? Issue: 8
? Pages: 9083-9096
? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea
? Keywords: access points | mobile devices | Place recognition | smartphones | WiFi fingerprinting
? Quartile:
2025:
? Aerospace Engineering (Q1, rank 5, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)
? Automotive Engineering (Q1, rank 9, percentile 93)
? Computer Networks and Communications (Q1, rank 38, percentile 93)
2020:

? Subject (Q1, rank 9, percentile 98)
? Aerospace Engineering (Q1, rank 3, percentile 98)
? Automotive Engineering (Q1, rank 6, percentile 94)
? Electrical and Electronic Engineering (Q1, rank 51, percentile 92)
? Source Id: 17393
? Author Ids: 8546192900;57053502600;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

44.

? Title: A Wearable Prototype for Neurological Symptoms Recognition
? Venue: IEEE International Conference on Communications
? Year: 2020
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/lcc40277.2020.9149017
? Scopus ID: 2-s2.0-85089419305
? Issn: 15503607
? Volume: 2020-June
? Authors: Sciarrone Andrea; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Staude Gerhard; Knopp Andreas
? Keywords: Alzheimer's disease (AD) | Essential Tremor (ET) | Eye Blinking (EB) | IoT | Parkinson's disease (PD)
? Source Id: 33201
? Author Ids: 36180166900;8546192900;57053502600;7004136693;55982299700;23566953300
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60018276;60018276
? Corresponding: Sciarrone A.

45.

? Title: Variable-Exponent Lebesgue-Space Inversion for Brain Stroke Microwave Imaging
? Venue: IEEE Transactions on Microwave Theory and Techniques
? Year: 2020
? Type: Journal
? Subtype: Article
? Citations: 68
? Doi: 10.1109/Tmtt.2019.2963870
? Scopus ID: 2-s2.0-85084808560
? Issn: 00189480
? eISSN: 15579670
? Volume: 68
? Issue: 5
? Pages: 1882-1895
? Authors: Bisio Igor; Estatico Claudio; Fedeli Alessandro; Lavagetto Fabio; Pastorino Matteo; Randazzo Andrea; Sciarrone Andrea
? Keywords: Brain stroke imaging | Inverse problems | Lebesgue spaces
? Quartile:
2025:
? Radiation (Q1, rank 3, percentile 96)
? Condensed Matter Physics (Q1, rank 48, percentile 89)
? Electrical and Electronic Engineering (Q1, rank 120, percentile 88)
2020:
? Radiation (Q1, rank 3, percentile 95)
? Condensed Matter Physics (Q1, rank 38, percentile 90)
? Electrical and Electronic Engineering (Q1, rank 82, percentile 88)
? Source Id: 17366

? Author Ids:
8546192900;9739222400;55512997500;7004136693;7004880389;7006280562;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

46.

? Title: A Tomographic Multistatic System for Biomedical Microwave Sensing
? Venue: 14th European Conference on Antennas and Propagation Eucap 2020
? Year: 2020
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? DOI: 10.23919/EuCAP48036.2020.9135211
? Scopus ID: 2-s2.0-85088655098
? Authors: Bisio Igor; Estatico Claudio; Fedeli Alessandro; Lavagetto Fabio; Pastorino Matteo; Randazzo Andrea; Sciarrone Andrea
? Keywords: biomedical sensing | measurement systems | Microwave imaging
? Source Id: 21101018617
? Author Ids:
8546192900;9739222400;55512997500;7004136693;7004880389;7006280562;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

47.

? Title: Towards IoT-based ehealth services: A smart prototype system for home rehabilitation
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 15
? Doi: 10.1109/Globecom38437.2019.9013194
? Scopus ID: 2-s2.0-85081949471
? Issn: 23340983
? eISSN: 25766813
? Authors: Bisio Igor; Garibotto Chiara; Hamedani Mehrnaz; Lavagetto Fabio; Prada Valeria; Sciarrone Andrea
? Keywords: EHealth | IoT | Rehabilitation | Sensors | Wireless
? Quartile:
2025:
? Signal Processing (Q2, rank 90, percentile 54)
? Computer Networks and Communications (Q2, rank 260, percentile 52)
? Artificial Intelligence (Q3, rank 262, percentile 47)
? Hardware and Architecture (Q3, rank 129, percentile 45)
? Source Id: 21101199922
? Author Ids: 8546192900;57053502600;57219039113;7004136693;57208860577;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

48.

? Title: When eHealth Meets IoT: A Smart Wireless System for Post-Stroke Home Rehabilitation
? Venue: IEEE Wireless Communications
? Year: 2019
? Type: Journal
? Subtype: Article
? Citations: 63

? Doi: 10.1109/Mwc.001.1900125
? Scopus ID: 2-s2.0-85077195094
? Issn: 15361284
? eISSN: 15580687
? Volume: 26
? Issue: 6
? Pages: 24-29
? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea
? Quartile:
2025:
? Electrical and Electronic Engineering (Q1, rank 24, percentile 97)
? Computer Science Applications (Q1, rank 29, percentile 97)
2019:
? Computer Science Applications (Q1, rank 4, percentile 99)
? Electrical and Electronic Engineering (Q1, rank 8, percentile 98)
? Source Id: 18935
? Author Ids: 8546192900;57053502600;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

49.

? Title: Computational Complexity Upper Bounds for Fingerprint-Based Point-Of-Interest Recognition Algorithms
? Venue: 2019 4th International Conference on Computing Communications and Security Icccs 2019
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Cccs.2019.8888142
? Scopus ID: 2-s2.0-85075403794
? Authors: Bisio Igor; Lavagetto Fabio; Garibotto Chiara; Sciarrone Andrea
? Keywords: Close-form | Computational complexity | Internet of Things | POI recognition | Upper-bound | WiFi
? Source Id: 21100936372
? Author Ids: 8546192900;7004136693;57053502600;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

50.

? Title: Outdoor Places of Interest Recognition with WiFi Fingerprint over Mobile Devices
? Venue: IEEE International Conference on Communications
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Icc.2019.8761556
? Scopus ID: 2-s2.0-85070234991
? Issn: 15503607
? Volume: 2019-May
? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea
? Keywords: Access Point | Mobile devices. | Place recognition | Smartphone | WiFi Fingerprint
? Source Id: 33201
? Author Ids: 8546192900;57053502600;7004136693;36180166900

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Bisio I.

51.

? Title: Outdoor Places of Interest Recognition Using WiFi Fingerprints

? Venue: IEEE Transactions on Vehicular Technology

? Year: 2019

? Type: Journal

? Subtype: Article

? Citations: 21

? Doi: 10.1109/Tvt.2019.2905363

? Scopus ID: 2-s2.0-85066625733

? Issn: 00189545

? eISSN: 19399359

? Volume: 68

? Issue: 5

? Pages: 5076-5086

? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea

? Keywords: access points | mobile devices | Place recognition | smartphones | WiFi fingerprinting

? Quartile:

2025:

? Aerospace Engineering (Q1, rank 5, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)

? Automotive Engineering (Q1, rank 9, percentile 93)

? Computer Networks and Communications (Q1, rank 38, percentile 93)

2019:

? Aerospace Engineering (Q1, rank 2, percentile 98)

? Subject (Q1, rank 9, percentile 98)

? Automotive Engineering (Q1, rank 4, percentile 96)

? Electrical and Electronic Engineering (Q1, rank 42, percentile 93)

? Source Id: 17393

? Author Ids: 8546192900;57053502600;7004136693;36180166900

? Authoraffiliationids: 60025153-60015024;60025153;60025153;60025153

? Corresponding: Bisio I.

52.

? Title: Network slicing optimization for integrated 5G-satellite networks

? Venue: Proceedings IEEE Global Communications Conference Globecom

? Year: 2019

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 10

? Doi: 10.1109/Globecom38437.2019.9014290

? Scopus ID: 2-s2.0-85081973323

? Issn: 23340983

? eISSN: 25766813

? Authors: Bisio Igor; Lavagetto Fabio; Verardo Giacomo; De Cola Tomaso

? Keywords: 5G | Network slicing | Resource allocation | Satellite communications

? Quartile:

2025:

? Signal Processing (Q2, rank 90, percentile 54)

? Computer Networks and Communications (Q2, rank 260, percentile 52)

? Artificial Intelligence (Q3, rank 262, percentile 47)

? Hardware and Architecture (Q3, rank 129, percentile 45)

? Source Id: 21101199922

? Author Ids: 8546192900;7004136693;57211922341;10739364500

? Authoraffiliationids: 60025153;60025153;60025153;60007798

? Corresponding: Bisio I.

53.

? Title: Statistical analysis of wireless traffic: An adversarial approach to drone surveillance

? Venue: Proceedings IEEE Global Communications Conference Globecom

? Year: 2019

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1109/Globecom38437.2019.9013562

? Scopus ID: 2-s2.0-85081963266

? Issn: 23340983

? eISSN: 25766813

? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Levorato Marco; Sciarrone Andrea

? Keywords: Adversarial approach | Drone | Fingerprint | PDF | Statistical analysis | UAV | WiFi

? Quartile:

2025:

? Signal Processing (Q2, rank 90, percentile 54)

? Computer Networks and Communications (Q2, rank 260, percentile 52)

? Artificial Intelligence (Q3, rank 262, percentile 47)

? Hardware and Architecture (Q3, rank 129, percentile 45)

? Source Id: 21101199922

? Author Ids: 8546192900;57053502600;7004136693;8901243100;36180166900

? Authoraffiliationids: 60025153;60025153;60025153;60142654;60025153

? Corresponding: Bisio I.

54.

? Title: Blind detection: Advanced techniques for WiFi-based drone surveillance

? Venue: IEEE Transactions on Vehicular Technology

? Year: 2019

? Type: Journal

? Subtype: Article

? Citations: 126

? Doi: 10.1109/Tvt.2018.2884767

? Scopus ID: 2-s2.0-85057882869

? Issn: 00189545

? Volume: 68

? Issue: 1

? Pages: 938-946

? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea; Zappatore Sandro

? Keywords: data mining | Drones | fingerprint | statistical analysis | UAVs | WiFi

? Quartile:

2025:

? Aerospace Engineering (Q1, rank 5, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)

? Automotive Engineering (Q1, rank 9, percentile 93)

? Computer Networks and Communications (Q1, rank 38, percentile 93)

2019:

? Aerospace Engineering (Q1, rank 2, percentile 98)

? Subject (Q1, rank 9, percentile 98)

? Automotive Engineering (Q1, rank 4, percentile 96)
? Electrical and Electronic Engineering (Q1, rank 42, percentile 93)
? Source Id: 17393
? Author Ids: 8546192900;57053502600;7004136693;36180166900;6602811400
? Authoraffiliationids: 60025153-60015024;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

55.

? Title: An imaging technique for brain stroke monitoring at microwaves
? Venue: Ist 2018 IEEE International Conference on Imaging Systems and Techniques
Proceedings
? Year: 2018
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Ist.2018.8577144
? Scopus ID: 2-s2.0-85060708378
? Authors: Bisio Igor; Estatico Claudio; Fedeli Alessandro; Lavagetto Fabio; Pastorino
Matteo; Randazzo Andrea; Sciarrone Andrea; Tavanti Emanuele
? Keywords: Banach spaces | brain stroke detection. | inverse problems | Microwave
imaging
? Source Id: 21100896625
? Author Ids: 8546192900;9739222400;55512997500;7004136693;7004880389;7006280562;361801
66900;57038817000
? Authoraffiliationids:
60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

56.

? Title: Ultrasounds-Based Context Sensing Method and Applications over the Internet of
Things
? Venue: IEEE Internet of Things Journal
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 19
? Doi: 10.1109/Jiot.2018.2845099
? Scopus ID: 2-s2.0-85048160210
? eISSN: 23274662
? Volume: 5
? Issue: 5
? Pages: 3876-3890
? Authors: Bisio Igor; Delfino Alessandro; Grattarola Aldo; Lavagetto Fabio; Sciarrone
Andrea
? Keywords: Context-Awareness (CA) | earphone wearing state detector (EWSD) |
indoor/outdoor detector (IOD) | ultrasounds sensing
? Quartile:
2025:
? Computer Networks and Communications (Q1, rank 20, percentile 96)
? Hardware and Architecture (Q1, rank 9, percentile 96)
? Signal Processing (Q1, rank 12, percentile 94)
? Computer Science Applications (Q1, rank 62, percentile 93)
? Information Systems (Q1, rank 32, percentile 93)
2018:
? Hardware and Architecture (Q1, rank 6, percentile 96)
? Computer Networks and Communications (Q1, rank 17, percentile 94)

? Computer Science Applications (Q1, rank 34, percentile 94)
? Signal Processing (Q1, rank 7, percentile 93)
? Information Systems (Q1, rank 19, percentile 93)
? Source Id: 21100338350
? Author Ids: 8546192900;54890459700;6603286614;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

57.

? Title: Brain Stroke Imaging by Means of Microwave Tomography: Quantitative Inversion Procedure, Configuration Set Up, and Preliminary Experimental Results
? Venue: 2018 2nd URSI Atlantic Radio Science Meeting at RASC 2018
? Year: 2018
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.23919/URSI-AT-RASC.2018.8471649
? Scopus ID: 2-s2.0-85055853024
? Authors: Bisio I.; Fedeli A.; Lavagetto F.; Mancardi G. L.; Pastorino M.; Randazzo A.; Sciarrone A.
? Source Id: 21100883677
? Author Ids:
8546192900;55512997500;7004136693;10939054400;7004880389;7006280562;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

58.

? Title: Smart and robust speaker recognition for context-Aware in-vehicle applications
? Venue: IEEE Transactions on Vehicular Technology
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 31
? Doi: 10.1109/TVT.2018.2849577
? Scopus ID: 2-s2.0-85048885954
? ISSN: 00189545
? Volume: 67
? Issue: 9
? Pages: 8808-8821
? Authors: Bisio Igor; Garibotto Chiara; Grattarola Aldo; Lavagetto Fabio; Sciarrone Andrea
? Keywords: Mobile computing | Noise | Speaker recognition | VAD | Vehicular technologies
? Quartile:
2025:
? Aerospace Engineering (Q1, rank 5, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)
? Automotive Engineering (Q1, rank 9, percentile 93)
? Computer Networks and Communications (Q1, rank 38, percentile 93)
2018:
? Aerospace Engineering (Q1, rank 3, percentile 97)
? Subject (Q1, rank 12, percentile 97)
? Automotive Engineering (Q1, rank 4, percentile 96)
? Electrical and Electronic Engineering (Q1, rank 56, percentile 91)
? Source Id: 17393
? Author Ids: 8546192900;57053502600;6603286614;7004136693;36180166900

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

? Corresponding: Bisio I.

59.

? Title: Brain stroke microwave imaging by means of a newton-conjugate-gradient method
in = L p Banach Spaces

? Venue: IEEE Transactions on Microwave Theory and Techniques

? Year: 2018

? Type: Journal

? Subtype: Article

? Citations: 72

? Doi: 10.1109/Tmtt.2018.2849060

? Scopus ID: 2-s2.0-85049946543

? Issn: 00189480

? Volume: 66

? Issue: 8

? Pages: 3668-3682

? Authors: Bisio Igor; Estatico Claudio; Fedeli Alessandro; Lavagetto Fabio; Pastorino Matteo; Randazzo Andrea; Sciarrone Andrea

? Keywords: Banach spaces | brain stroke detection | conjugate gradient (CG) | inverse problems | microwave imaging

? Quartile:

2025:

? Radiation (Q1, rank 3, percentile 96)

? Condensed Matter Physics (Q1, rank 48, percentile 89)

? Electrical and Electronic Engineering (Q1, rank 120, percentile 88)

2018:

? Radiation (Q1, rank 4, percentile 93)

? Condensed Matter Physics (Q1, rank 45, percentile 88)

? Electrical and Electronic Engineering (Q1, rank 85, percentile 87)

? Source Id: 17366

? Author Ids:

8546192900;9739222400;55512997500;7004136693;7004880389;7006280562;36180166900

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

? Corresponding: Bisio I.

60.

? Title: An AP-Centred smart probabilistic fingerprint system for indoor positioning

? Venue: IEEE International Conference on Communications

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 7

? Doi: 10.1109/lcc.2018.8422242

? Scopus ID: 2-s2.0-85051418146

? Issn: 15503607

? Volume: 2018-May

? Authors: Du Xuan; Yang Kun; Bisio Igor; Lavagetto Fabio; Sciarrone Andrea

? Keywords: Energy Efficiency | Indoor Positioning Systems (IPS) | Latency | Location Based Services (LBS) | Probabilistic-Fingerprint (P-FP) | WiFi Access Point

? Source Id: 33201

? Author Ids: 57188728636;35214178400;8546192900;7004136693;36180166900

? Authoraffiliationids: 60001359;60001359;60025153;60025153;60025153

? Corresponding: Du X.

61.

? Title: Exploiting context-aware capabilities over the internet of things for industry

4.0 applications
? Venue: IEEE Network
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 59
? Doi: 10.1109/Mnet.2018.1700355
? Scopus ID: 2-s2.0-85048329865
? Issn: 08908044
? Volume: 32
? Issue: 3
? Pages: 108-114
? Authors: Bisio Igor; Garibotto Chiara; Grattarola Aldo; Lavagetto Fabio; Sciarrone Andrea
? Quartile:
2025:
? Hardware and Architecture (Q1, rank 11, percentile 95)
? Computer Networks and Communications (Q1, rank 31, percentile 94)
? Software (Q1, rank 37, percentile 92)
? Information Systems (Q1, rank 42, percentile 91)
2018:
? Hardware and Architecture (Q1, rank 2, percentile 99)
? Information Systems (Q1, rank 4, percentile 98)
? Computer Networks and Communications (Q1, rank 5, percentile 98)
? Software (Q1, rank 10, percentile 97)
? Source Id: 27239
? Author Ids: 8546192900;57053502600;6603286614;7004136693;36180166900
? Authoraffiliationids: 60015024;60025153;60025153;60025153;109713634
? Corresponding: Bisio I.

62.
? Title: Unauthorized Amateur UAV Detection Based on WiFi Statistical Fingerprint Analysis
? Venue: IEEE Communications Magazine
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 126
? Doi: 10.1109/Mcom.2018.1700340
? Scopus ID: 2-s2.0-85045917460
? Issn: 01636804
? Volume: 56
? Issue: 4
? Pages: 106-111
? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea; Zappatore Sandro
? Quartile:
2025:
? Computer Networks and Communications (Q1, rank 21, percentile 96)
? Electrical and Electronic Engineering (Q1, rank 46, percentile 95)
? Computer Science Applications (Q1, rank 63, percentile 93)
2018:
? Computer Science Applications (Q1, rank 1, percentile 99)
? Computer Networks and Communications (Q1, rank 2, percentile 99)
? Electrical and Electronic Engineering (Q1, rank 4, percentile 99)

? Source Id: 17249
? Author Ids: 8546192900;57053502600;7004136693;36180166900;6602811400
? Authoraffiliationids: 60025153-60015024;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

63.

? Title: A numerical study concerning brain stroke detection by microwave imaging systems
? Venue: Multimedia Tools and Applications
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 36
? DOI: 10.1007/s11042-017-4867-7
? Scopus ID: 2-s2.0-85021268021
? Issn: 13807501
? eISSN: 15737721
? Volume: 77
? Issue: 8
? Pages: 9341-9363
? Authors: Bisio Igor; Fedeli Alessandro; Lavagetto Fabio; Pastorino Matteo; Randazzo Andrea; Sciarrone Andrea; Tavanti Emanuele
? Keywords: Brain stroke detection | Imaging techniques | Inverse problems | Microwave imaging
? Quartile:
2025:
? Media Technology (Q1, rank 6, percentile 92)
? Computer Networks and Communications (Q1, rank 79, percentile 85)
? Software (Q1, rank 79, percentile 84)
? Hardware and Architecture (Q1, rank 39, percentile 83)
2018:
? Media Technology (Q1, rank 13, percentile 82)
? Computer Networks and Communications (Q2, rank 110, percentile 62)
? Hardware and Architecture (Q2, rank 66, percentile 57)
? Software (Q3, rank 188, percentile 48)
? Source Id: 25627
? Author Ids:
8546192900;55512997500;7004136693;7004880389;7006280562;36180166900;57038817000
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

64.

? Title: Performance evaluation of Application Layer Joint Coding solutions for video transmissions between Mobile Devices over the Internet of Things
? Venue: Computer Communications
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 6
? DOI: 10.1016/j.comcom.2017.09.003
? Scopus ID: 2-s2.0-85028989699
? Issn: 01403664
? Volume: 118
? Pages: 50-59
? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea
? Keywords: Application Layer Joint Coding | IoT | Mobile Devices | Performance

evaluation | Video transmission

? Quartile:

2025:

? Computer Networks and Communications (Q1, rank 50, percentile 90)

2018:

? Computer Networks and Communications (Q1, rank 50, percentile 83)

? Source Id: 13681

? Author Ids: 8546192900;57053502600;7004136693;36180166900

? Authoraffiliationids: 60025153-60015024;60025153;60025153;60025153

? Corresponding: Bisio I.

65.

? Title: Brain stroke detection by means of complex dielectric permittivity reconstruction at microwaves

? Venue: 2017 IEEE MTT S International Microwave Workshop Series on Advanced Materials and Processes for RF and Thz Applications Imws Amp 2017

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1109/Imws-Amp.2017.8247391

? Scopus ID: 2-s2.0-85045998283

? Pages: 1-3

? Authors: Bisio I.; Fedeli A.; Lavagetto F.; Pastorino M.; Randazzo A.; Sciarrone A.

? Keywords: brain stroke detection | dielectric permittivity reconstruction | inverse problems | microwave imaging

? Source Id: 21100858149

? Author Ids: 8546192900;55512997500;7004136693;7004880389;7006280562;36180166900

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

? Corresponding: Bisio I.

66.

? Title: Improving WiFi Statistical Fingerprint-Based Detection Techniques Against UAV Stealth Attacks

? Venue: Proceedings IEEE Global Communications Conference Globecom

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 13

? Doi: 10.1109/Glocom.2018.8647288

? Scopus ID: 2-s2.0-85063441669

? Issn: 23340983

? eISSN: 25766813

? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea; Zappatore Sandro

? Quartile:

2025:

? Signal Processing (Q2, rank 90, percentile 54)

? Computer Networks and Communications (Q2, rank 260, percentile 52)

? Artificial Intelligence (Q3, rank 262, percentile 47)

? Hardware and Architecture (Q3, rank 129, percentile 45)

? Source Id: 21101199922

? Author Ids: 8546192900;57053502600;7004136693;36180166900;6602811400

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

? Corresponding: Bisio I.

67.

? Title: Speaker Recognition Exploiting D2D Communications Paradigm: Performance Evaluation of Multiple Observations Approaches
? Venue: Mobile Networks and Applications
? Year: 2017
? Type: Journal
? Subtype: Article
? Citations: 5
? DOI: 10.1007/s11036-017-0876-z
? Scopus ID: 2-s2.0-85019852662
? Issn: 1383469x
? eISSN: 15728153
? Volume: 22
? Issue: 6
? Pages: 1045-1057
? Authors: Bisio Igor; Lavagetto Fabio; Garibotto Chiara; Sciarrone Andrea
? Keywords: D2D communications | Mobile devices | Multiple observations | Speaker recognition
? Quartile:
2025:
? Computer Networks and Communications (Q1, rank 111, percentile 79)
? Software (Q1, rank 106, percentile 78)
? Hardware and Architecture (Q1, rank 51, percentile 78)
? Information Systems (Q1, rank 111, percentile 77)
2017:
? Hardware and Architecture (Q1, rank 16, percentile 89)
? Computer Networks and Communications (Q1, rank 30, percentile 89)
? Information Systems (Q1, rank 33, percentile 87)
? Software (Q1, rank 48, percentile 87)
? Source Id: 27306
? Author Ids: 8546192900;7004136693;57053502600;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

68.

? Title: A nonlinear iterative inverse scattering procedure in L_p Banach spaces for microwave biomedical imaging
? Venue: Proceedings of the 2017 19th International Conference on Electromagnetics in Advanced Applications Iceaa 2017
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Iceaa.2017.8065683
? Scopus ID: 2-s2.0-85035136063
? Pages: 1921-1924
? Authors: Bisio I.; Estatico C.; Fedeli A.; Lavagetto F.; Pastorino M.; Randazzo A.; Sciarrone A.
? Source Id: 21100840335
? Author Ids:
8546192900;9739222400;55512997500;7004136693;7004880389;7006280562;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

69.

? Title: A Smart2 Gaussian process approach for indoor localization with RSSI fingerprints

? Venue: IEEE International Conference on Communications
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 7
? Doi: 10.1109/lcc.2017.7997089
? Scopus ID: 2-s2.0-85028313461
? Issn: 15503607
? Authors: Bisio Igor; Lavagetto Fabio; Sciarrone Andrea; Yiu Simon
? Source Id: 33201
? Author Ids: 8546192900;7004136693;36180166900;57190375190
? Authoraffiliationids: 60025153;60025153;60025153;60021378
? Corresponding: Bisio I.

70.

? Title: Microwave data inversion in hemorrhagic brain stroke imaging: A Newton-conjugate-gradient based approach in Lp Banach spaces (Invited paper)
? Venue: 2017 IEEE Conference on Antenna Measurements and Applications Cama 2017
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Cama.2017.8273423
? Scopus ID: 2-s2.0-85046247707
? Volume: 2018-January
? Pages: 275-278
? Authors: Bisio Igor; Fedeli Alessandro; Lavagetto Fabio; Pastorino Matteo; Randazzo Andrea; Sciarrone Andrea; Estatico Claudio
? Keywords: Banach spaces | Brain stroke detection | Inverse problems | Microwave imaging
? Source Id: 21101179609
? Author Ids:
8546192900;55512997500;7004136693;7004880389;7006280562;36180166900;9739222400
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

71.

? Title: Application of EMFs at microwave frequencies for brain stroke detection: Preliminary results
? Venue: 2017 International Applied Computational Electromagnetics Society Symposium Italy Aces 2017
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.23919/Ropaces.2017.7916405
? Scopus ID: 2-s2.0-85020002223
? Authors: Bisio I.; Fedeli A.; Lavagetto F.; Luzzati G.; Pastorino M.; Raffetto M.; Randazzo A.; Tavanti E.
? Keywords: Brain stroke detection | Imaging techniques | Inverse problems | Microwave imaging
? Source Id: 21100817102
? Author Ids: 8546192900;55512997500;7004136693;55372214300;7004880389;6701772951;7006280562;57038817000
? Authoraffiliationids:
60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Bisio I.

72.

? Title: Enabling IoT for In-Home Rehabilitation: Accelerometer Signals Classification Methods for Activity and Movement Recognition

? Venue: IEEE Internet of Things Journal

? Year: 2017

? Type: Journal

? Subtype: Article

? Citations: 158

? Doi: 10.1109/Jiot.2016.2628938

? Scopus ID: 2-s2.0-85015257159

? eISSN: 23274662

? Volume: 4

? Issue: 1

? Pages: 135-146

? Authors: Bisio Igor; Delfino Alessandro; Lavagetto Fabio; Sciarrone Andrea

? Keywords: Accelerometer signal classification | activity recognition (AR) | eHealth and mHealth | movement recognition (MR) | Smartphones

? Quartile:

2025:

? Computer Networks and Communications (Q1, rank 20, percentile 96)

? Hardware and Architecture (Q1, rank 9, percentile 96)

? Signal Processing (Q1, rank 12, percentile 94)

? Computer Science Applications (Q1, rank 62, percentile 93)

? Information Systems (Q1, rank 32, percentile 93)

2017:

? Computer Science Applications (Q1, rank 12, percentile 97)

? Hardware and Architecture (Q1, rank 4, percentile 97)

? Computer Networks and Communications (Q1, rank 7, percentile 97)

? Information Systems (Q1, rank 9, percentile 96)

? Signal Processing (Q1, rank 4, percentile 96)

? Source Id: 21100338350

? Author Ids: 8546192900;54890459700;7004136693;36180166900

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Bisio I.

73.

? Title: Context-awareness over transient cloud in D2D networks: energy performance analysis and evaluation

? Venue: Transactions on Emerging Telecommunications Technologies

? Year: 2017

? Type: Journal

? Subtype: Article

? Citations: 20

? DOI: 10.1002/ett.3002

? Scopus ID: 2-s2.0-84947447783

? Issn: 21615748

? eISSN: 21613915

? Volume: 28

? Issue: 2

? Authors: Bisio Igor; Lavagetto Fabio; Sciarrone Andrea; Penner Terrence; Guirguis Mina

? Quartile:

2025:

? Electrical and Electronic Engineering (Q1, rank 129, percentile 87)

2017:

? Electrical and Electronic Engineering (Q1, rank 167, percentile 75)

? Source Id: 21100389313

? Author Ids: 8546192900;7004136693;36180166900;56027323000;57293739400

? Authoraffiliationids: 60025153;60025153;60025153;60030452;60030452

? Corresponding: Bisio I.

74.

? Title: Mobile smart helmet for brain stroke early detection through neural network-based signals analysis

? Venue: Proceedings IEEE Global Communications Conference Globecom

? Year: 2017

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 6

? Doi: 10.1109/Glocom.2017.8255029

? Scopus ID: 2-s2.0-85046449869

? Issn: 23340983

? eISSN: 25766813

? Volume: 2018-January

? Pages: 1-6

? Authors: Bisio Igor; Fedeli Alessandro; Lavagetto Fabio; Pastorino Matteo; Randazzo Andrea; Sciarrone Andrea; Tavanti Emanuele

? Quartile:

2025:

? Signal Processing (Q2, rank 90, percentile 54)

? Computer Networks and Communications (Q2, rank 260, percentile 52)

? Artificial Intelligence (Q3, rank 262, percentile 47)

? Hardware and Architecture (Q3, rank 129, percentile 45)

? Source Id: 21101199922

? Author Ids:

8546192900;55512997500;7004136693;7004880389;7006280562;36180166900;57038817000

? Authoraffiliationids:

60025153-60015024;60025153;60025153;60025153;60025153;60025153

? Corresponding: Bisio I.

75.

? Title: Smart Probabilistic Fingerprinting for Indoor Localization over Fog Computing Platforms

? Venue: Proceedings 2016 5th IEEE International Conference on Cloud Networking Cloudnet 2016

? Year: 2016

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 38

? DOI: 10.1109/CloudNet.2016.43

? Scopus ID: 2-s2.0-85010653536

? Pages: 39-44

? Authors: Sciarrone Andrea; Fiandrino Claudio; Bisio Igor; Lavagetto Fabio; Kliazovich Dzmitry; Bouvry Pascal

? Source Id: 21100793174

? Author Ids: 36180166900;56543615300;8546192900;7004136693;8726069400;6603233977

? Authoraffiliationids: 60025153;60072562;60025153;60025153;60072562;60072562

? Corresponding: Sciarrone A.

76.

? Title: Cooperative Application Layer Joint Video Coding in the Internet of Remote

Things

? Venue: IEEE Internet of Things Journal

? Year: 2016

? Type: Journal

? Subtype: Article

? Citations: 16

? Doi: 10.1109/Jiot.2016.2610103

? Scopus ID: 2-s2.0-85010032266

? eISSN: 23274662

? Volume: 3

? Issue: 6

? Pages: 1418-1426

? Authors: Bisio Igor; Lavagetto Fabio; Luzzati Giulio

? Keywords: Application layer coding | emergency networks | Internet of Remote Things | satellite channels | transmission rate allocation

? Quartile:

2025:

? Computer Networks and Communications (Q1, rank 20, percentile 96)

? Hardware and Architecture (Q1, rank 9, percentile 96)

? Signal Processing (Q1, rank 12, percentile 94)

? Computer Science Applications (Q1, rank 62, percentile 93)

? Information Systems (Q1, rank 32, percentile 93)

2016:

? Hardware and Architecture (Q1, rank 8, percentile 94)

? Computer Science Applications (Q1, rank 29, percentile 94)

? Computer Networks and Communications (Q1, rank 17, percentile 93)

? Information Systems (Q1, rank 18, percentile 93)

? Signal Processing (Q1, rank 8, percentile 91)

? Source Id: 21100338350

? Author Ids: 8546192900;7004136693;55372214300

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Bisio I.

77.

? Title: Brain stroke detection by microwave imaging systems: Preliminary two-dimensional numerical simulations

? Venue: Ist 2016 2016 IEEE International Conference on Imaging Systems and Techniques Proceedings

? Year: 2016

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 9

? Doi: 10.1109/Ist.2016.7738246

? Scopus ID: 2-s2.0-85004000433

? Pages: 330-334

? Authors: Bisio I.; Fedeli A.; Lavagetto F.; Luzzati G.; Pastorino M.; Randazzo A.; Tavanti E.

? Keywords: brain stroke detection | imaging techniques | inverse problems | Microwave imaging

? Source Id: 21100788403

? Author Ids:

8546192900;55512997500;7004136693;55372214300;7004880389;7006280562;57038817000

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

? Corresponding: Bisio I.

78.

? Title: Smart probabilistic fingerprinting for WiFi-based indoor positioning with mobile devices
? Venue: Pervasive and Mobile Computing
? Year: 2016
? Type: Journal
? Subtype: Article
? Citations: 73
? DOI: 10.1016/j.pmcj.2016.02.001
? Scopus ID: 2-s2.0-84962144528
? Issn: 15741192
? Volume: 31
? Pages: 107-123
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea
? Keywords: Computational and energy efficiency | Indoor positioning | Smartphones | WiFi fingerprinting
? Quartile:
2025:
? Computer Networks and Communications (Q1, rank 95, percentile 82)
? Software (Q1, rank 92, percentile 81)
? Computer Science Applications (Q1, rank 188, percentile 80)
? Information Systems (Q1, rank 98, percentile 80)
? Hardware and Architecture (Q1, rank 47, percentile 80)
2016:
? Subject (Q1, rank 25, percentile 93)
? Subject (Q1, rank 7, percentile 81)
? Source Id: 3200147819
? Author Ids: 8546192900;7004136693;7004398165;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

79.

? Title: Enabling smartphone-centric platforms for in-home rehabilitation: A comparison among movement recognition approaches
? Venue: 2016 IEEE International Conference on Communications lcc 2016
? Year: 2016
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/lcc.2016.7511596
? Scopus ID: 2-s2.0-84981311910
? Authors: Bisio Igor; Delfino Alessandro; Lavagetto Fabio; Sciarrone Andrea
? Source Id: 21100773789
? Author Ids: 8546192900;54890459700;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

80.

? Title: Lp-Problem-based transmission rate allocation with packet loss and power metrics over satellite networks
? Venue: IEEE Transactions on Vehicular Technology
? Year: 2016
? Type: Journal
? Subtype: Article
? Citations: 8
? Doi: 10.1109/Tvt.2015.2447739
? Scopus ID: 2-s2.0-84971280260

? Issn: 00189545
? Volume: 65
? Issue: 5
? Pages: 3312-3325
? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario
? Keywords: Lp-problem-based Transmission Rate Allocation | Multi-Objective Programming
| Performance Analysis | Satellite Communications
? Quartile:
2025:
? Aerospace Engineering (Q1, rank 5, percentile 97)
? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)
? Automotive Engineering (Q1, rank 9, percentile 93)
? Computer Networks and Communications (Q1, rank 38, percentile 93)
2016:
? Aerospace Engineering (Q1, rank 4, percentile 96)
? Subject (Q1, rank 16, percentile 96)
? Automotive Engineering (Q1, rank 5, percentile 93)
? Electrical and Electronic Engineering (Q1, rank 67, percentile 89)
? Source Id: 17393
? Author Ids: 8546192900;55694754400;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

81.

? Title: Enhancing speaker recognition with multiple observations over mobile networks
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2016
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Glocom.2016.7841816
? Scopus ID: 2-s2.0-85015423599
? Issn: 23340983
? eISSN: 25766813
? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea
? Quartile:
2025:
? Signal Processing (Q2, rank 90, percentile 54)
? Computer Networks and Communications (Q2, rank 260, percentile 52)
? Artificial Intelligence (Q3, rank 262, percentile 47)
? Hardware and Architecture (Q3, rank 129, percentile 45)
? Source Id: 21101199922
? Author Ids: 8546192900;57053502600;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

82.

? Title: A novel active warden technique for image steganography
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2016
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Glocom.2016.7841524
? Scopus ID: 2-s2.0-85015409749
? Issn: 23340983

? eISSN: 25766813
? Authors: Bisio Igor; Lavagetto Fabio; Luzzati Giulio; Sciarrone Andrea
? Quartile:
2025:
? Signal Processing (Q2, rank 90, percentile 54)
? Computer Networks and Communications (Q2, rank 260, percentile 52)
? Artificial Intelligence (Q3, rank 262, percentile 47)
? Hardware and Architecture (Q3, rank 129, percentile 45)
? Source Id: 21101199922
? Author Ids: 8546192900;7004136693;55372214300;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

83.

? Title: Smartphones apps implementing a heuristic joint coding for video transmissions over mobile networks
? Venue: Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering Lnicst
? Year: 2016
? Type: Book Series
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1007/978-3-319-47081-8_12
? Scopus ID: 2-s2.0-84996489052
? Issn: 18678211
? Volume: 148
? Pages: 123-131
? Authors: Bisio Igor; Lavagetto Fabio; Luzzati Giulio; Marchese Mario
? Quartile:
2025:
? Computer Networks and Communications (Q4, rank 439, percentile 19)
2016:
? Computer Networks and Communications (Q4, rank 204, percentile 17)
? Source Id: 21100220348
? Author Ids: 8546192900;7004136693;55372214300;7004398165
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

84.

? Title: A simple ultrasonic Indoor/Outdoor detector for mobile devices
? Venue: Iwcmc 2015 11th International Wireless Communications and Mobile Computing Conference
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 9
? Doi: 10.1109/Iwcmc.2015.7289071
? Scopus ID: 2-s2.0-84949500080
? Pages: 137-141
? Authors: Bisio Igor; Delfino Alessandro; Lavagetto Fabio
? Keywords: Context-Awareness | Indoor/Outdoor detector | Smartphone | Ultrasound
? Source Id: 21100428992
? Author Ids: 8546192900;54890459700;7004136693
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

85.

? Title: SPECTRA: A SPEech proCessing plATform as smaRtphone Application
? Venue: IEEE International Conference on Communications
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 10
? Doi: 10.1109/lcc.2015.7249447
? Scopus ID: 2-s2.0-84953791815
? Issn: 15503607
? Volume: 2015-September
? Pages: 7030-7035
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea; Fra Cristina; Valla Massimo
? Keywords: Android Apps | Multimedia Applications | Smartphones | Speech Signal Processing | Support Vector Machines
? Source Id: 33201
? Author Ids: 8546192900;7004136693;7004398165;36180166900;24399148800;24400344500
? Authoraffiliationids: 60025153;60025153;60025153;60025153;101970958;101970958
? Corresponding: Bisio I.

86.

? Title: Cooperative Application Layer Joint Coding and rate allocation techniques for video transmissions over satellite channels through smartphones
? Venue: IEEE International Conference on Communications
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/lcc.2015.7248430
? Scopus ID: 2-s2.0-84953751663
? Issn: 15503607
? Volume: 2015-September
? Pages: 862-866
? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Luzzati Giulio; Marchese Mario
? Keywords: Application Layer Joint Coding | Cooperative Techniques | Performance Evaluation | Satellite Networks | Transmission Rate Allocations
? Source Id: 33201
? Author Ids: 8546192900;55694754400;7004136693;55372214300;7004398165
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

87.

? Title: Hybrid simulated-emulated platform - HySEP
? Venue: Handbook of Research on Next Generation Mobile Communication Systems
? Year: 2015
? Type: Book
? Subtype: Book Chapter
? Citations: 0
? DOI: 10.4018/978-1-4666-8732-5.ch015
? Scopus ID: 2-s2.0-84958139783
? Pages: 380-409
? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario; Portomauro Giancarlo; Zappatore Sandro
? Source Id: 21100446332
? Author Ids: 8546192900;55694754400;7004136693;7004398165;15128054100;6602811400

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

88.

? Title: A smartphone-centric platform for remote health monitoring of heart failure
? Venue: International Journal of Communication Systems
? Year: 2015
? Type: Journal
? Subtype: Article
? Citations: 52
? DOI: 10.1002/dac.2778
? Scopus ID: 2-s2.0-84931575986
? Issn: 10745351
? eISSN: 10991131
? Volume: 28
? Issue: 11
? Pages: 1753-1771
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea
? Keywords: activity recognition | remote health monitoring | smartphones | wireless communications
? Quartile:
2025:
? Electrical and Electronic Engineering (Q2, rank 309, percentile 69)
? Computer Networks and Communications (Q2, rank 171, percentile 68)
2015:
? Electrical and Electronic Engineering (Q1, rank 134, percentile 79)
? Computer Networks and Communications (Q1, rank 53, percentile 77)
? Source Id: 17964
? Author Ids: 8546192900;7004136693;7004398165;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

89.

? Title: Poster: Detecting if a smartphone is indoors or outdoors with ultrasounds
? Venue: Mobisys 2015 Proceedings of the 13th Annual International Conference on Mobile Systems Applications and Services
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1145/2742647.2745907
? Scopus ID: 2-s2.0-84958582304
? Pages: 475
? Authors: Bisio Igor; Delfino Alessandro; Lavagetto Fabio
? Source Id: 21100446514
? Author Ids: 8546192900;54890459700;7004136693
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

90.

? Title: An Ns-3 based simulative and emulative platform
? Venue: Modeling and Simulation of Computer Networks and Systems Methodologies and Applications
? Year: 2015
? Type: Book
? Subtype: Book Chapter
? Citations: 2

? Doi: 10.1016/B978-0-12-800887-4.00019-5
? Scopus ID: 2-s2.0-84940069625
? Pages: 555-575
? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario; Portomauro Giancarlo; Zappatore Sandro
? Keywords: Emulation | LTE | Quality of Service (QoS) | Simulation
? Source Id: 21100404889
? Author Ids: 8546192900;55694754400;7004136693;7004398165;15128054100;6602811400
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

91.

? Title: Lip movements synthesis using time delay neural networks
? Venue: European Signal Processing Conference
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-85113832112
? Issn: 22195491
? Authors: Curinga Sergio; Lavagetto Fabio; Vignoli Fabio
? Quartile:
2025:
? Signal Processing (Q3, rank 109, percentile 44)
? Electrical and Electronic Engineering (Q3, rank 573, percentile 42)
? Source Id: 21100204301
? Author Ids: 6506359610;7004136693;11240995100
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Curinga S.

92.

? Title: Context awareness over transient clouds
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? DOI: 10.1109/glocom.2015.7417785
? Scopus ID: 2-s2.0-84964818843
? Issn: 23340983
? eISSN: 25766813
? Authors: Sciarrone Andrea; Bisio Igor; Lavagetto Fabio; Penner Terrence; Guirguis Mina
? Quartile:
2025:
? Signal Processing (Q2, rank 90, percentile 54)
? Computer Networks and Communications (Q2, rank 260, percentile 52)
? Artificial Intelligence (Q3, rank 262, percentile 47)
? Hardware and Architecture (Q3, rank 129, percentile 45)
? Source Id: 21101199922
? Author Ids: 36180166900;8546192900;7004136693;56027323000;57293739400
? Authoraffiliationids: 60025153;60025153;60025153;60030452;60030452
? Corresponding: Sciarrone A.

93.

? Title: Smartphone-centric ambient assisted living platform for patients suffering from co-morbidities monitoring

? Venue: IEEE Communications Magazine
? Year: 2015
? Type: Journal
? Subtype: Article
? Citations: 53
? Doi: 10.1109/Mcom.2015.7010513
? Scopus ID: 2-s2.0-84921476752
? Issn: 01636804
? Volume: 53
? Issue: 1
? Pages: 34-41
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea
? Quartile:
2025:
? Computer Networks and Communications (Q1, rank 21, percentile 96)
? Electrical and Electronic Engineering (Q1, rank 46, percentile 95)
? Computer Science Applications (Q1, rank 63, percentile 93)
2015:
? Computer Networks and Communications (Q1, rank 1, percentile 99)
? Electrical and Electronic Engineering (Q1, rank 6, percentile 99)
? Computer Science Applications (Q1, rank 5, percentile 99)
? Source Id: 17249
? Author Ids: 8546192900;7004136693;7004398165;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

94.

? Title: A television channel real-time detector using smartphones
? Venue: IEEE Transactions on Mobile Computing
? Year: 2015
? Type: Journal
? Subtype: Article
? Citations: 8
? Doi: 10.1109/Tmc.2013.79
? Scopus ID: 2-s2.0-84915749982
? Issn: 15361233
? Volume: 14
? Issue: 1
? Pages: 14-27
? Authors: Bisio Igor; Delfino Alessandro; Lavagetto Fabio; Marchese Mario
? Keywords: audience real-time detection | audio fingerprint | energy saving | smartphone | TV channel recognition
? Quartile:
2025:
? Electrical and Electronic Engineering (Q1, rank 60, percentile 94)
? Computer Networks and Communications (Q1, rank 36, percentile 93)
? Software (Q1, rank 40, percentile 92)
2015:
? Electrical and Electronic Engineering (Q1, rank 34, percentile 94)
? Computer Networks and Communications (Q1, rank 14, percentile 94)
? Software (Q1, rank 23, percentile 94)
? Source Id: 25038
? Author Ids: 8546192900;54890459700;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

95.

? Title: A heuristic attack method to PRH-based audio copy detectors
? Venue: IEEE Signal Processing Letters
? Year: 2014
? Type: Journal
? Subtype: Article
? Citations: 0
? Doi: 10.1109/Lsp.2014.2363592
? Scopus ID: 2-s2.0-84908665609
? Issn: 10709908
? Volume: 22
? Issue: 5
? Pages: 564-568
? Authors: Bisio Igor; Braccini Carlo; Delfino Alessandro; Lavagetto Fabio; Marchese Mario
? Keywords: Adversarial signal processing | audio fingerprint | copy detection attack | Copyright protection
? Quartile:
2025:
? Applied Mathematics (Q1, rank 66, percentile 90)
? Signal Processing (Q1, rank 44, percentile 77)
? Electrical and Electronic Engineering (Q1, rank 243, percentile 75)
2014:
? Applied Mathematics (Q1, rank 48, percentile 88)
? Electrical and Electronic Engineering (Q1, rank 110, percentile 83)
? Signal Processing (Q1, rank 17, percentile 79)
? Source Id: 17316
? Author Ids: 8546192900;7003400719;54890459700;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

96.

? Title: Transmission rate allocation over satellite networks with quality of experience - Based performance metrics
? Venue: 2014 7th Advanced Satellite Multimedia Systems Conference and the 13th Signal Processing for Space Communications Workshop Asms Spsc 2014
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Asms-Spsc.2014.6934576
? Scopus ID: 2-s2.0-84984879029
? Volume: 2014-January
? Pages: 419-423
? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario
? Keywords: MOP theory | Power management | Quality of experience | Resource allocation | Satellite network
? Source Id: 21100777298
? Author Ids: 8546192900;55694754400;7004136693;7004398165
? Corresponding: Bisio I.

97.

? Title: A Trainingless WiFi fingerprint positioning approach over mobile devices
? Venue: IEEE Antennas and Wireless Propagation Letters
? Year: 2014
? Type: Journal

? Subtype: Article
? Citations: 89
? Doi: 10.1109/Lawp.2014.2316973
? Scopus ID: 2-s2.0-85018961542
? Issn: 15361225
? Volume: 13
? Pages: 832-835
? Authors: Bisio Igor; Cerruti Matteo; Lavagetto Fabio; Marchese Mario; Pastorino Matteo; Randazzo Andrea; Sciarrone Andrea
? Keywords: Electromagnetic propagation | fingerprinting | finite-difference time-domain method | indoor positioning
? Quartile:
2025:
? Electrical and Electronic Engineering (Q1, rank 180, percentile 82)
2014:
? Electrical and Electronic Engineering (Q1, rank 89, percentile 86)
? Source Id: 18894
? Author Ids:
8546192900;56166539200;7004136693;7004398165;7004880389;7006280562;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

98.

? Title: Comparison of situation awareness algorithms for remote health monitoring with smartphones
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 14
? Doi: 10.1109/Glocom.2014.7037176
? Scopus ID: 2-s2.0-84949923425
? Issn: 23340983
? eISSN: 25766813
? Pages: 2454-2459
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea
? Keywords: Remote Health Monitoring | Situation Awareness Algorithms | Smartphones
? Quartile:
2025:
? Signal Processing (Q2, rank 90, percentile 54)
? Computer Networks and Communications (Q2, rank 260, percentile 52)
? Artificial Intelligence (Q3, rank 262, percentile 47)
? Hardware and Architecture (Q3, rank 129, percentile 45)
? Source Id: 21101199922
? Author Ids: 8546192900;7004136693;7004398165;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

99.

? Title: Smartphones apps implementing a heuristic joint coding for video transmissions over mobile networks
? Venue: Mobile Networks and Applications
? Year: 2014
? Type: Journal
? Subtype: Article
? Citations: 9

? DOI: 10.1007/s11036-014-0519-6
? Scopus ID: 2-s2.0-84907365638
? Issn: 1383469x
? Volume: 19
? Issue: 4
? Pages: 552-562
? Authors: Bisio Igor; Lavagetto Fabio; Luzzati Giulio; Marchese Mario
? Keywords: Heuristic application layer joint coding | Mobile networks | Smartphone Apps
? Quartile:
2025:
? Computer Networks and Communications (Q1, rank 111, percentile 79)
? Software (Q1, rank 106, percentile 78)
? Hardware and Architecture (Q1, rank 51, percentile 78)
? Information Systems (Q1, rank 111, percentile 77)
2014:
? Hardware and Architecture (Q1, rank 22, percentile 84)
? Computer Networks and Communications (Q1, rank 39, percentile 82)
? Information Systems (Q1, rank 47, percentile 79)
? Software (Q1, rank 78, percentile 79)
? Source Id: 27306
? Author Ids: 8546192900;7004136693;55372214300;7004398165
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

100.

? Title: Dynamic multi-attribute Network Selection algorithm for Vertical Handover procedures over mobile ad hoc networks
? Venue: 2014 IEEE International Conference on Communications Icc 2014
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 19
? Doi: 10.1109/lcc.2014.6883342
? Scopus ID: 2-s2.0-84907000337
? Pages: 342-347
? Authors: Bisio Igor; Braccini Carlo; Delucchi Stefano; Lavagetto Fabio; Marchese Mario
? Keywords: Mobile Ad Hoc Networks | Multi Attribute Decision Making | Network Selection | Vertical Handover
? Source Id: 21100333601
? Author Ids: 8546192900;7003400719;55694754400;7004136693;7004398165
? Corresponding: Bisio I.

101.

? Title: Performance evaluation of application layer joint coding for video transmission with smartphones over terrestrial/satellite emergency networks
? Venue: 2014 IEEE International Conference on Communications Icc 2014
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Doi: 10.1109/lcc.2014.6883879
? Scopus ID: 2-s2.0-84906996499
? Pages: 3594-3599
? Authors: Bisio Igor; Grattarola Aldo; Lavagetto Fabio; Luzzati Giulio; Marchese Mario

? Source Id: 21100333601
? Author Ids: 8546192900;6603286614;7004136693;55372214300;7004398165
? Corresponding: Bisio I.

102.

? Title: Hybrid simulated-emulated platform for heterogeneous access networks performance investigations
? Venue: Proceedings of the 2014 International Symposium on Performance Evaluation of Computer and Telecommunication Systems Spects 2014 Part of Summersim 2014 Multiconference
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Spects.2014.6880009
? Scopus ID: 2-s2.0-84906766559
? Pages: 670-675
? Authors: Bisio Igor; Delfino Alessandro; Delucchi Stefano; Lavagetto Fabio; Marchese Mario; Portormauro Giancarlo; Zappatore Sandro
? Keywords: Heterogeneous Access Networks | Hybrid Real-Simulated Network | ns-3 | Performance Investigation | Quality of Service
? Source Id: 21100332233
? Author Ids: 8546192900;54890459700;55694754400;7004136693;7004398165;56342648700;6602811400
? Corresponding: Bisio I.

103.

? Title: Gender-driven emotion recognition through speech signals for ambient intelligence applications
? Venue: IEEE Transactions on Emerging Topics in Computing
? Year: 2013
? Type: Journal
? Subtype: Article
? Citations: 76
? Doi: 10.1109/Tetc.2013.2274797
? Scopus ID: 2-s2.0-84944069947
? eISSN: 21686750
? Volume: 1
? Issue: 2
? Pages: 244-257
? Authors: Bisio Igor; Delfino Alessandro; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea
? Keywords: Emotion recognition | Gender recognition | Human-computer intelligent interaction | Pitch estimation | Support vector machine
? Quartile:
2025:
? Computer Science (miscellaneous) (Q1, rank 14, percentile 92)
? Computer Science Applications (Q1, rank 100, percentile 89)
? Information Systems (Q1, rank 52, percentile 89)
? Human-Computer Interaction (Q1, rank 25, percentile 87)
? Source Id: 21100338508
? Author Ids: 8546192900;54890459700;7004136693;7004398165;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

104.

? Title: Opportunistic detection methods for emotion-aware smartphone applications

? Venue: Creating Personal Social and Urban Awareness Through Pervasive Computing
? Year: 2013
? Type: Book
? Subtype: Book Chapter
? Citations: 8
? DOI: 10.4018/978-1-4666-4695-7.ch003
? Scopus ID: 2-s2.0-84956759027
? Pages: 53-85
? Authors: Bisio Igor; Delfino Alessandro; Lavagetto Fabio; Marchese Mario
? Source Id: 21100442343
? Author Ids: 8546192900;54890459700;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

105.

? Title: Performance comparison of a probabilistic fingerprint-based indoor positioning system over different smartphones
? Venue: Proceedings of the 2013 International Symposium on Performance Evaluation of Computer and Telecommunication Systems Spects 2013 Part of Summersim 2013 Multiconference
? Year: 2013
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 29
? Scopus ID: 2-s2.0-84884790366
? Pages: 161-166
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea
? Keywords: Indoor Positioning | Performance Comparison | Smartphone | WiFi-Fingerprinting
? Source Id: 21100258919
? Author Ids: 8546192900;7004136693;7004398165;36180166900
? Authoraffiliationids: 113360839;113360839;113360839;113360839
? Corresponding: Bisio I.

106.

? Title: Simulative performance comparison of network selection algorithms in the framework of the 802.21 standard
? Venue: Proceedings of the 2013 International Symposium on Performance Evaluation of Computer and Telecommunication Systems Spects 2013 Part of Summersim 2013 Multiconference
? Year: 2013
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Scopus ID: 2-s2.0-84884776004
? Pages: 174-181
? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario
? Keywords: IEEE 802.21 Standard | Mobile communications | Multi-attribute Algorithms | Network Selection | ns-2 | Performance Comparison
? Source Id: 21100258919
? Author Ids: 8546192900;55694754400;7004136693;7004398165
? Corresponding: Bisio I.

107.

? Title: Fast audio fingerprint comparison for real-time TV-channel recognition applications
? Venue: 2013 9th International Wireless Communications and Mobile Computing Conference

Iwcmc 2013

? Year: 2013

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Doi: 10.1109/Iwcmc.2013.6583641

? Scopus ID: 2-s2.0-84883669681

? Pages: 694-699

? Authors: Bisio Igor; Delfino Alessandro; Lavagetto Fabio; Marchese Mario; Fr^;

Cristina; Valla Massimo

? Source Id: 21100256920

? Author Ids: 8546192900;54890459700;7004136693;7004398165;24399148800;24400344500

? Authoraffiliationids: 60025153;60025153;60025153;60025153;106060169;106060169

? Corresponding: Bisio I.

108.

? Title: Simulative performance comparison of network selection algorithms in the framework of the 802.21 standard

? Venue: Simulation Series

? Year: 2013

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-84880538088

? Issn: 07359276

? Volume: 45

? Issue: 9

? Pages: 174-181

? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario

? Keywords: Ieee 802.21 Standard | Mobile communications | Multi-attribute algorithms | Network selection | Ns-2 | Performance comparison

? Quartile:

2025:

? Computer Networks and Communications (Q4, rank 535, percentile 2)

? Source Id: 12193

? Author Ids: 8546192900;55694754400;7004136693;7004398165

? Corresponding: Bisio I.

109.

? Title: GPS/HPS-and Wi-fi fingerprint-based location recognition for check-in applications over smartphones in cloud-based LBSs

? Venue: IEEE Transactions on Multimedia

? Year: 2013

? Type: Journal

? Subtype: Article

? Citations: 63

? Doi: 10.1109/Tmm.2013.2239631

? Scopus ID: 2-s2.0-84877893503

? Issn: 15209210

? Volume: 15

? Issue: 4

? Pages: 858-869

? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea

? Keywords: Check-in applications | cloud computing | GPS/HPS receivers | smartphone terminals | Wi-Fi fingerprint

? Quartile:

2025:

- ? Media Technology (Q1, rank 3, percentile 96)
- ? Electrical and Electronic Engineering (Q1, rank 41, percentile 95)
- ? Signal Processing (Q1, rank 10, percentile 95)
- ? Computer Science Applications (Q1, rank 52, percentile 94)

2013:

- ? Media Technology (Q1, rank 3, percentile 95)
- ? Electrical and Electronic Engineering (Q1, rank 69, percentile 89)
- ? Computer Science Applications (Q1, rank 62, percentile 87)
- ? Signal Processing (Q1, rank 11, percentile 86)

? Source Id: 16211

? Author Ids: 8546192900;7004136693;7004398165;36180166900

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Bisio I.

110.

? Title: Energy efficient WiFi-based fingerprinting for indoor positioning with smartphones

? Venue: 2013 IEEE Globecom Workshops GC Wkshps 2013

? Year: 2013

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 36

? Doi: 10.1109/Glocomw.2013.6855683

? Scopus ID: 2-s2.0-84928606872

? Pages: 4639-4643

? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea

? Keywords: Energy efficiently | Indoor positioning | Smartphones | WiFi-fingerprinting

? Source Id: 21100320671

? Author Ids: 8546192900;7004136693;7004398165;36180166900

? Authoraffiliationids: 113086089;113086089;113086089;113086089

? Corresponding: Bisio I.

111.

? Title: Comparison among resource allocation methods with packet loss and power metrics in geostationary satellite scenarios

? Venue: IEEE International Conference on Communications

? Year: 2013

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 12

? Doi: 10.1109/lcc.2013.6655235

? Scopus ID: 2-s2.0-84891359466

? Issn: 15503607

? Pages: 4271-4275

? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario

? Keywords: Capacity Maximisation Allocation | Multi-Objective Programming | Performance Comparison | Power Minimisation Allocation | Satellite Communications

? Source Id: 33201

? Author Ids: 8546192900;55694754400;7004136693;7004398165

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Bisio I.

112.

? Title: Trainingless fingerprinting-based indoor positioning algorithms with smartphones using electromagnetic propagation models

? Venue: Ist 2012 2012 IEEE International Conference on Imaging Systems and Techniques

Proceedings
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? Doi: 10.1109/Ist.2012.6295537
? Scopus ID: 2-s2.0-84870666077
? Pages: 190-194
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario; Pastorino Matteo; Randazzo Andrea
? Keywords: Electromagnetic propagation | Smartphone terminals | WI-Fi Signals
Fingerprint
? Source Id: 21100222924
? Author Ids: 8546192900;7004136693;7004398165;7004880389;7006280562
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

113.

? Title: Opportunistic estimation of television audience through smartphones
? Venue: Simulation Series
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-84870504958
? Issn: 07359276
? Volume: 44
? Issue: Book 12
? Pages: 164-168
? Authors: Bisio Igor; Delfino Alessandro; Luzzati Giulio; Lavagetto Fabio; Marchese Mario; Fr^ Cristina; Valla Massimo
? Quartile:
2025:
? Computer Networks and Communications (Q4, rank 535, percentile 2)
? Source Id: 12193
? Author Ids:
8546192900;54890459700;55372214300;7004136693;7004398165;24399148800;24400344500
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60023916;60023916
? Corresponding: Bisio I.

114.

? Title: Smartphone-based automatic place recognition with Wi-Fi signals for location-aware services
? Venue: IEEE International Conference on Communications
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Doi: 10.1109/Icc.2012.6363942
? Scopus ID: 2-s2.0-84871965321
? Issn: 15503607
? Pages: 4943-4948
? Authors: Bisio Igor; Pan Roberto Lan Cian; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea; Fr^ Cristina; Valla Massimo
? Keywords: GPS/HPS receivers | Performance Evaluation | Smartphone terminals | Wi-Fi Signals
Fingerprint

? Source Id: 33201

? Author Ids:

8546192900;36198706200;7004136693;7004398165;36180166900;24399148800;24400344500

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60023916;60023916

? Corresponding: Bisio I.

115.

? Title: Opportunistic estimation of television audience through smartphones

? Venue: Proceedings of the 2012 International Symposium on Performance Evaluation of Computer and Telecommunication Systems Spects 12 Part of Summersim 2012 Multiconference

? Year: 2012

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 11

? Scopus ID: 2-s2.0-84867032738

? Authors: Bisio Igor; Delfino Alessandro; Luzzati Giulio; Lavagetto Fabio; Marchese

Mario; Fr[^] Cristina; Valla Massimo

? Source Id: 21100216999

? Author Ids:

8546192900;54890459700;55372214300;7004136693;7004398165;24399148800;24400344500

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60023916;60023916

? Corresponding: Bisio I.

116.

? Title: Smartphone-based user activity recognition method for health remote monitoring applications

? Venue: Peccs 2012 Proceedings of the 2nd International Conference on Pervasive Embedded Computing and Communication Systems

? Year: 2012

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 30

? Scopus ID: 2-s2.0-84862123393

? Pages: 200-205

? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea

? Keywords: Accelerometer | Activity recognition | Android smartphones | Decision trees | Remote monitoring | Windowed decision

? Source Id: 21100203710

? Author Ids: 8546192900;7004136693;7004398165;36180166900

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Bisio I.

117.

? Title: Capacity bound of MOP-based allocation with packet loss and power metrics in satellite communications systems

? Venue: Proceedings IEEE Global Communications Conference Globecom

? Year: 2012

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 11

? Doi: 10.1109/Glocom.2012.6503625

? Scopus ID: 2-s2.0-84877664613

? Issn: 23340983

? eISSN: 25766813

? Pages: 3311-3316

? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario

? Keywords: Capacity Bound | Lp-problem based Allocation | Multi-Objective Programming

| Performance Analysis | Satellite Communications

? Quartile:

2025:

? Signal Processing (Q2, rank 90, percentile 54)

? Computer Networks and Communications (Q2, rank 260, percentile 52)

? Artificial Intelligence (Q3, rank 262, percentile 47)

? Hardware and Architecture (Q3, rank 129, percentile 45)

? Source Id: 21101199922

? Author Ids: 8546192900;55694754400;7004136693;7004398165

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Bisio I.

118.

? Title: Context-aware smartphone services

? Venue: Pervasive Computing and Communications Design and Deployment Technologies Trends and Applications

? Year: 2011

? Type: Book

? Subtype: Book Chapter

? Citations: 5

? DOI: 10.4018/978-1-60960-611-4.ch002

? Scopus ID: 2-s2.0-84898570814

? Pages: 24-47

? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario

? Source Id: 21100304554

? Author Ids: 8546192900;7004136693;7004398165

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Bisio I.

119.

? Title: Application layer joint coding for image transmission over deep space channels

? Venue: Globecom IEEE Global Telecommunications Conference

? Year: 2011

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 5

? Doi: 10.1109/Glocom.2011.6133825

? Scopus ID: 2-s2.0-84857198805

? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario

? Keywords: application layer coding | deep space communications | image compression | LDPC encoding | Multi-Attribute Decision Making theory

? Source Id: 145242

? Author Ids: 8546192900;7004136693;7004398165

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Bisio I.

120.

? Title: Comparative analysis of image compression algorithms for deep space communications systems

? Venue: Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering

? Year: 2010

? Type: Book Series

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1007/978-3-642-13618-4_5

? Scopus ID: 2-s2.0-84885887116

? Issn: 18678211
? Volume: 43 Lnicst
? Pages: 63-73
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario
? Keywords: CCSDS compression | Compression time | Deep space communications systems | Image compression | JPEG2000 | PSNR
? Quartile:
2025:
? Computer Networks and Communications (Q4, rank 439, percentile 19)
? Source Id: 21100220348
? Author Ids: 8546192900;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

121.

? Title: Introduction to multi attribute decision making-based application layer joint coding for image transmission over deep space channels
? Venue: 2nd International Conference on Advances in Satellite and Space Communications Spacomm 2010
? Year: 2010
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Spacomm.2010.21
? Scopus ID: 2-s2.0-77955242506
? Pages: 134-139
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario
? Keywords: Application layer coding | Deep space communications | Image compression | LDPC encoding | Multi-attribute decision making theory
? Source Id: 19700176305
? Author Ids: 8546192900;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

122.

? Title: Speaker count application for smartphone platforms
? Venue: ISWPC 2010 IEEE 5th International Symposium on Wireless Pervasive Computing 2010
? Year: 2010
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 11
? Doi: 10.1109/Iswwpc.2010.5483789
? Scopus ID: 2-s2.0-77954782325
? Pages: 361-366
? Authors: Agneessens Alessio; Bisio Igor; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea
? Keywords: Audio speaker count | Context aware applications | Low battery consumption | Low computational load | Multimedia communications
? Source Id: 19700175851
? Author Ids: 36179453600;8546192900;7004136693;7004398165;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Agneessens A.

123.

? Title: Combined congestion control and link selection strategies for delay tolerant interplanetary networks

? Venue: Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering
? Year: 2009
? Type: Book Series
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1007/978-3-642-04260-7_15
? Scopus ID: 2-s2.0-84885887516
? Issn: 18678211
? Volume: 15 Lnicst
? Pages: 122-131
? Authors: Bisio Igor; De Cola Tomaso; Lavagetto Fabio; Marchese Mario
? Keywords: Custodial transfer | Delay tolerant network architecture | Explicit congestion notification | Interplanetary networks | Random early detection
? Quartile:
2025:
? Computer Networks and Communications (Q4, rank 439, percentile 19)
? Source Id: 21100220348
? Author Ids: 8546192900;10739364500;7004136693;7004398165
? Corresponding: Bisio I.

124.

? Title: Proximity classification for mobile devices using wi-fi environment similarity
? Venue: Proceedings of the Annual International Conference on Mobile Computing and Networking MOBICOM
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 24
? Doi: 10.1145/1410012.1410023
? Scopus ID: 2-s2.0-60349088239
? Pages: 43-48
? Authors: Carlotto Alessandro; Parodi Matteo; Bonamico Carlo; Lavagetto Fabio; Valla Massimo
? Keywords: Location-based services | Proximiry measurement | Wi-fi
? Source Id: 21101235561
? Author Ids: 55846110200;36793236600;16634426200;7004136693;24400344500
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60023916
? Corresponding: Carlotto A.

125.

? Title: Determination of optimal distortion-based protection in progressive image transmission: A heuristic approach
? Venue: IEEE Transactions on Image Processing
? Year: 2008
? Type: Journal
? Subtype: Article
? Citations: 13
? Doi: 10.1109/Tip.2008.2001390
? Scopus ID: 2-s2.0-50549099839
? Issn: 10577149
? Volume: 17
? Issue: 9
? Pages: 1654-1662
? Authors: Fresia Maria; Lavagetto Fabio
? Keywords: Joint source-channel coding | Progressive transmission | Unequal error

protection (UEP)

? Quartile:

2025:

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

? Software (Q1, rank 15, percentile 97)

? Source Id: 25534

? Author Ids: 23477050200;7004136693

? Authoraffiliationids: 60141284;60025153

? Corresponding: Fresia M.

126.

? Title: Indoor penetration of outdoor urban UMTS coverage: An experimental model

? Venue: IEEE Vehicular Technology Conference

? Year: 2008

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1109/Vetecs.2008.76

? Scopus ID: 2-s2.0-47749084349

? Issn: 15502252

? Pages: 309-313

? Authors: Denegri Livio; Lavagetto Fabio; Iskra Alessandro

? Quartile:

2025:

? Applied Mathematics (Q2, rank 310, percentile 53)

? Electrical and Electronic Engineering (Q3, rank 545, percentile 45)

? Computer Science Applications (Q3, rank 603, percentile 38)

? Source Id: 23922

? Author Ids: 17434106100;7004136693;6506869764

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Denegri L.

127.

? Title: Determination of optimal distortion-based protection in progressive image transmission: A heuristic approach

? Venue: IEEE International Conference on Communications

? Year: 2007

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.1109/lcc.2007.449

? Scopus ID: 2-s2.0-38549108103

? Issn: 05361486

? Pages: 2705-2710

? Authors: Torquati Alessio; Fresia Maria; Lavagetto Fabio

? Source Id: 33201

? Author Ids: 23478815500;23477050200;7004136693

? Authoraffiliationids: 60025153;60000874;60025153

? Corresponding: Torquati A.

128.

? Title: An analytical model of microcellular propagation in urban canyons

? Venue: IEEE Vehicular Technology Conference

? Year: 2007

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 10

? Doi: 10.1109/Vetecs.2007.94
? Scopus ID: 2-s2.0-34547344393
? Issn: 15502252
? Pages: 402-406
? Authors: Denegri Livio; Bixio Luca; Lavagetto Fabio; Iscra Alessandro; Braccini Carlo
? Quartile:
2025:
? Applied Mathematics (Q2, rank 310, percentile 53)
? Electrical and Electronic Engineering (Q3, rank 545, percentile 45)
? Computer Science Applications (Q3, rank 603, percentile 38)
? Source Id: 23922
? Author Ids: 17434106100;6508141299;7004136693;6506869764;7003400719
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Denegri L.

129.

? Title: Transmission of JPEG2000 code-streams over mobile radio channels
? Venue: Proceedings International Conference on Image Processing Icip
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Icip.2005.1529868
? Scopus ID: 2-s2.0-33749592216
? Issn: 15224880
? Volume: 1
? Pages: 785-788
? Authors: Natu Ambarish; Fresia Maria; Lavagetto Fabio
? Keywords: JPEG2000 | Mobile Radio Channel | Turbo Codes | Unequal error protection
? 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: 57213324535;23477050200;7004136693
? Authoraffiliationids: 60028333-60025153;60025153;60025153
? Corresponding: Natu A.

130.

? Title: Energy efficient channel coding based on position awareness and radio link budget estimation
? Venue: IEEE Wireless Communications and Networking Conference Wcnc
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Wcnc.2005.1424489
? Scopus ID: 2-s2.0-24944586892
? Issn: 15253511
? Volume: 1
? Pages: 139-144
? Authors: Fresia M.; Iscra A.; Lavagetto F.
? Quartile:
2025:
? Engineering (all) (Q2, rank 148, percentile 57)

? Source Id: 145653
? Author Ids: 23477050200;6506869764;7004136693
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Fresia M.

131.

? Title: The ORIGAMI project: Advanced tools for creating and mixing real and virtual content in film and TV production
? Venue: IEE Proceedings Vision Image and Signal Processing
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? DOI: 10.1049/ip-vis:20045134
? Scopus ID: 2-s2.0-24144445845
? Issn: 1350245x
? Volume: 152
? Issue: 4
? Pages: 454-469
? Authors: Grau O.; Koch R.; Lavagetto F.; Sarti A.; Tubaro S.; Woetzel J.
? Source Id: 17420
? Author Ids: 7003464927;7403189785;7004136693;55074405100;7003411765;55991849600
? Authoraffiliationids: 60091909;60012345;101913300;60023256;60023256;60012345
? Corresponding: Grau O.

132.

? Title: A 3D character animation engine for multimodal interaction on mobile devices
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1117/12.596705
? Scopus ID: 2-s2.0-21844437993
? Issn: 0277786x
? Volume: 5684
? Pages: 84-92
? Authors: Sandali Enrico; Lavagetto Fabio; Pisano Paolo
? Keywords: Human-Computer Interaction | Mobile graphics and entertainment | New mobile multimedia applications and services
? 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: 8503939900;7004136693;8503939800
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Sandali E.

133.

? Title: Video Processing and Understanding Tools for Augmented Multisensor Perception and Mobile User Interaction in Smart Spaces
? Venue: International Journal of Image and Graphics

- ? Year: 2005
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 4
 - ? Doi: 10.1142/S021946780500194x
 - ? Scopus ID: 2-s2.0-85073068602
 - ? Issn: 02194678
 - ? Volume: 5
 - ? Issue: 3
 - ? Pages: 679-698
 - ? Authors: Marchesotti Luca; Regazzoni Carlo; Bonamico Carlo; Lavagetto Fabio
 - ? Keywords: facial animation/character animation | mobile graphics | multimodal interfaces | multisensor data fusion | object tracking | Smart Space architectures | virtual characters
 - ? Quartile:
 - 2025:
 - ? Computer Vision and Pattern Recognition (Q2, rank 58, percentile 66)
 - ? Computer Graphics and Computer-Aided Design (Q2, rank 46, percentile 65)
 - ? Computer Science Applications (Q2, rank 409, percentile 58)
 - ? Source Id: 21100869464
 - ? Author Ids: 6602356200;35513672400;16634426200;7004136693
 - ? Authoraffiliationids: 60025153;60025153;60025153;60025153
 - ? Corresponding: Marchesotti L.
- 134.
- ? Title: The ORIGAMI project: Advanced tools for creating and mixing real and virtual content in film and TV production
 - ? Venue: IEE Conference Publication
 - ? Year: 2004
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 0
 - ? Scopus ID: 2-s2.0-21844470798
 - ? Issn: 05379989
 - ? Pages: 255-262
 - ? Authors: Evers-Senne J. F.; Grau O.; Koch R.; Lavagetto F.; Milne M.; Price M.; Razzoli O.; Sarti A.; Tubaro S.
 - ? Source Id: 34914
 - ? Author Ids: 8587177900;7003464927;7403189785;7004136693;7005520891;7401948458;8587177600;55074405100;7003411765
 - ? Authoraffiliationids: 60012345;60091909;60012345;60025153;100843846;60091909;112824724;60023256;60023256
 - ? Corresponding: Evers-Senne J.F.
- 135.
- ? Title: A system for real-time synthesis of subtle expressivity for life-like MPEG-4 based virtual characters
 - ? Venue: 2004 IEEE 6th Workshop on Multimedia Signal Processing
 - ? Year: 2004
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 0
 - ? Scopus ID: 2-s2.0-13344284571
 - ? Pages: 55-58
 - ? Authors: Bonamico Carlo; Braccini Carlo; Lavagetto Fabio; Costa Maurizio
 - ? Keywords: 3D Animation | Believability | Embodied Conversational Agents | Facial

Animation | MPEG-4 | Multimodal Interfaces | Subtle Expressiveness | Virtual Characters

? Source Id: 68505

? Author Ids: 16634426200;7003400719;7004136693;57199441738

? Authoraffiliationids: 60025153;60025153;60025153;101790962

? Corresponding: Bonamico C.

136.

? Title: The InterFace Software Platform for Interactive Virtual Characters

? Venue: Mpeg 4 Facial Animation the Standard Implementation and Applications

? Year: 2003

? Type: Book

? Subtype: Book Chapter

? Citations: 0

? DOI: 10.1002/0470854626.ch10

? Scopus ID: 2-s2.0-85218071992

? Pages: 169-183

? Authors: Pandzic Igor S.; Cannella Michele; Davoine Franck; Forchheimer Robert; Lavagetto Fabio; Li Haibo; Marriott Andrew; Malassiotis Sotiris; Pardas Montse; Pockaj Roberto; Sannier Gael

? Source Id: 21101274933

? Author Ids: 55915507000;59560712700;6603967034;6603934747;7004136693;56375326400;7006655511;35614013900;59158484500;6506941308;6602513528

? Authoraffiliationids: 60009358;132255202;60160765;60009358;60025153;60031040;60031226;101677379;60007592;60160765;132255450

? Corresponding: Pandzic I.S.

137.

? Title: EPTAMEDIA: Virtual Guides and Other Applications

? Venue: Mpeg 4 Facial Animation the Standard Implementation and Applications

? Year: 2003

? Type: Book

? Subtype: Book Chapter

? Citations: 0

? DOI: 10.1002/0470854626.ch16

? Scopus ID: 2-s2.0-85218058321

? Pages: 273-285

? Authors: Lavagetto Fabio; Pockaj Roberto

? Source Id: 21101274933

? Author Ids: 7004136693;6506941308

? Authoraffiliationids: 60025153;101790962

? Corresponding: Lavagetto F.

138.

? Title: The Facial Animation Engine

? Venue: Mpeg 4 Facial Animation the Standard Implementation and Applications

? Year: 2003

? Type: Book

? Subtype: Book Chapter

? Citations: 1

? DOI: 10.1002/0470854626.ch5

? Scopus ID: 2-s2.0-33645603217

? Pages: 81-101

? Authors: Lavagetto Fabio; Pockaj Roberto

? Source Id: 21101274933

? Author Ids: 7004136693;6506941308

? Authoraffiliationids: 60025153;101790962

? Corresponding: Lavagetto F.

139.

? Title: Eurasip Journal on Applied Signal Processing: Editorial
? Venue: Eurasip Journal on Applied Signal Processing
? Year: 2002
? Type: Journal
? Subtype: Editorial
? Citations: 0
? Doi: 10.1155/S1110865702001828
? Scopus ID: 2-s2.0-0036822660
? Issn: 11108657
? Volume: 2002
? Issue: 10
? Pages: 1003-1004
? Authors: Strintzis Michael G.; Marques Ferran; Lavagetto Fabio
? Source Id: 26646
? Author Ids: 7102524459;57169697000;7004136693
? Authoraffiliationids: 60015331-60023629-60015543-112703474;60007592-60028186-60029311;60025153-60021378-60004969
? Corresponding: Strintzis M.G.

140.

? Title: Real-time MPEG-4 facial animation with 3D scalable meshes
? Venue: Signal Processing Image Communication
? Year: 2002
? Type: Journal
? Subtype: Article
? Citations: 3
? Doi: 10.1016/S0923-5965(02)00075-9
? Scopus ID: 2-s2.0-0036800434
? Issn: 09235965
? Volume: 17
? Issue: 9
? Pages: 743-757
? Authors: Bonamico C.; Costa M.; Lavagetto F.; Pockaj R.
? Quartile:
2025:
? Signal Processing (Q1, rank 30, percentile 84)
? Computer Vision and Pattern Recognition (Q1, rank 32, percentile 81)
? Electrical and Electronic Engineering (Q1, rank 192, percentile 80)
? Software (Q1, rank 117, percentile 76)
? Source Id: 13803
? Author Ids: 16634426200;57199441738;7004136693;6506941308
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bonamico C.

141.

? Title: The ORIGAMI project: Advanced tools and techniques for high-end mixing and interaction between real and virtual content
? Venue: Proceedings 1st International Symposium on 3D Data Processing Visualization and Transmission 3dpvt 2002
? Year: 2002
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Tdpvt.2002.1024076
? Scopus ID: 2-s2.0-84964425584

? Pages: 306-312
? Authors: Bazzoni G.; Bianchi E.; Grau O.; Knox A.; Koch R.; Lavagetto F.; Parkinson A.; Pedersini F.; Sarti A.; Thomas G.; Tubaro S.
? Source Id: 21100456677
? Author Ids: 57188981621;57188975800;7003464927;57188981136;7403189785;7004136693;57188979633;7004062252;55074405100;7404576845;7003411765
? Authoraffiliationids: 101764058;116581377;60091909;100843846;60012345;60025153;100843846;101764058;60023256;60091909;60023256
? Corresponding: Bazzoni G.

142.

? Title: An efficient use of MPEG-4 FAP interpolation for facial animation at 70 bits/frame
? Venue: IEEE Transactions on Circuits and Systems for Video Technology
? Year: 2001
? Type: Journal
? Subtype: Article
? Citations: 21
? Doi: 10.1109/76.954495
? Scopus ID: 2-s2.0-0035472468
? Issn: 10518215
? Volume: 11
? Issue: 10
? Pages: 1085-1097
? Authors: Lavagetto F.; Pockaj R.
? Keywords: Avatars | Facial animation | MPEG-4
? Quartile:
2025:
? Media Technology (Q1, rank 1, percentile 99)
? Electrical and Electronic Engineering (Q1, rank 31, percentile 96)
? Source Id: 26027
? Author Ids: 7004136693;6506941308
? Authoraffiliationids: 60025153;60025153
? Corresponding: Lavagetto F.

143.

? Title: Emotional representation and animation of 3D facial models: The interface approach
? Venue: IEEE International Conference on Image Processing
? Year: 2001
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-0035167312
? Volume: 2
? Pages: 594-597
? Authors: Lavagetto F.
? Source Id: 92868
? Author Ids: 7004136693
? Authoraffiliationids: 60025153
? Corresponding: Lavagetto F.

144.

? Title: Smooth surface interpolation and texture adaptation for MPEG-4 compliant calibration of 3D head models
? Venue: Image and Vision Computing
? Year: 2000

? Type: Journal
? Subtype: Article
? Citations: 7
? Doi: 10.1016/S0262-8856(99)00054-2
? Scopus ID: 2-s2.0-0033906762
? Issn: 02628856
? Volume: 18
? Issue: 4
? Pages: 345-353
? Authors: Lavagetto F.; Pockaj R.; Costa M.
? Quartile:
2025:
? Signal Processing (Q1, rank 28, percentile 85)
? Computer Vision and Pattern Recognition (Q1, rank 30, percentile 82)
? Source Id: 25549
? Author Ids: 7004136693;6506941308;57199441738
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Lavagetto F.

145.

? Title: MPEG-4 compliant calibration of 3D head models
? Venue: Picture Coding Symposium 1999
? Year: 1999
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-18144382655
? Pages: 217-220
? Authors: Lavagetto Fabio; Pockaj Roberto; Costa Maurizio
? Source Id: 145243
? Author Ids: 7004136693;6506941308;57199441738
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Lavagetto F.

146.

? Title: The facial animation engine: Toward a high-level interface for the design of MPEG-4 compliant animated faces
? Venue: IEEE Transactions on Circuits and Systems for Video Technology
? Year: 1999
? Type: Journal
? Subtype: Article
? Citations: 101
? Doi: 10.1109/76.752095
? Scopus ID: 2-s2.0-0033097911
? Issn: 10518215
? Volume: 9
? Issue: 2
? Pages: 277-289
? Authors: Lavagetto Fabio; Pockaj Roberto
? Keywords: Facial modeling and animation | Graphic interfaces | Multimedia management | Synthetic video
? Quartile:
2025:
? Media Technology (Q1, rank 1, percentile 99)
? Electrical and Electronic Engineering (Q1, rank 31, percentile 96)
? Source Id: 26027

? Author Ids: 7004136693;6506941308
? Authoraffiliationids: 60025153;60025153
? Corresponding: Lavagetto F.

147.

? Title: A segmental time-alignment technique for text-speech synchronization
? Venue: Proceedings 3rd International Conference on Computational Intelligence and Multimedia Applications Iccima 1999
? Year: 1999
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Iccima.1999.798565
? Scopus ID: 2-s2.0-85040440552
? Pages: 408-412
? Authors: Vignoli Fabio; Lavagetto Fabio
? Source Id: 21100846300
? Author Ids: 11240995100;7004136693
? Authoraffiliationids: 60025153;60025153
? Corresponding: Vignoli F.

148.

? Title: VIDAS analysis/synthesis tools for natural-to-virtual face representation
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
? Year: 1999
? Type: Book Series
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1007/3-540-48757-3_24
? Scopus ID: 2-s2.0-84947774573
? Issn: 03029743
? eISSN: 16113349
? Volume: 1629
? Pages: 348-363
? Authors: Lavagetto Fabio
? Quartile:
2025:
? Theoretical Computer Science (Q3, rank 70, percentile 48)
? Computer Science (all) (Q3, rank 129, percentile 46)
? Source Id: 25674
? Author Ids: 7004136693
? Authoraffiliationids: 60025153
? Corresponding: Lavagetto F.

149.

? Title: Time-delay neural networks for estimating lip movements from speech analysis: A useful tool in audio-video synchronization
? Venue: IEEE Transactions on Circuits and Systems for Video Technology
? Year: 1997
? Type: Journal
? Subtype: Article
? Citations: 24
? Doi: 10.1109/76.633499
? Scopus ID: 2-s2.0-0031257449
? Issn: 10518215
? Volume: 7

? Issue: 5
? Pages: 786-800
? Authors: Lavagetto Fabio
? Keywords: Articulating estimation | Multimedia | Network learning | Neural network | Speech processing
? Quartile:
2025:
? Media Technology (Q1, rank 1, percentile 99)
? Electrical and Electronic Engineering (Q1, rank 31, percentile 96)
? Source Id: 26027
? Author Ids: 7004136693
? Authoraffiliationids: 60025153
? Corresponding: Lavagetto F.

150.

? Title: VIDAS1 workshop on synthetic natural hybrid coding
? 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/bfb0037389
? Scopus ID: 2-s2.0-84947967748
? Issn: 03029743
? eISSN: 16113349
? Volume: 1242
? Pages: 755-769
? Authors: Lavagetto Fabio
? Quartile:
2025:
? Theoretical Computer Science (Q3, rank 70, percentile 48)
? Computer Science (all) (Q3, rank 129, percentile 46)
? Source Id: 25674
? Author Ids: 7004136693
? Authoraffiliationids: 60025153
? Corresponding: Lavagetto F.

151.

? Title: MPEG-4: Audio/video and synthetic graphics/audio for mixed media
? Venue: Signal Processing Image Communication
? Year: 1997
? Type: Journal
? Subtype: Article
? Citations: 42
? Doi: 10.1016/S0923-5965(97)00007-6
? Scopus ID: 2-s2.0-0031140089
? Issn: 09235965
? Volume: 9
? Issue: 4
? Pages: 433-463
? Authors: Doenges Peter K.; Capin Tolga K.; Lavagetto Fabio; Ostermann Joern; Pandzic Igor S.; Petajan Eric D.
? Keywords: 2D/3D graphics | Facial/avatar animation | Geometry/texture compression | Natural/synthetic hybrid coding | Real-time communications | Scalable multimedia | Structured synthetic audio | Text-to-speech synthesis | Text/graphics integration |

Virtual environments

? Quartile:

2025:

? Signal Processing (Q1, rank 30, percentile 84)

? Computer Vision and Pattern Recognition (Q1, rank 32, percentile 81)

? Electrical and Electronic Engineering (Q1, rank 192, percentile 80)

? Software (Q1, rank 117, percentile 76)

? Source Id: 13803

? Author Ids: 6506788803;6603846240;7004136693;55852051300;55915507000;6701715903

? Authoraffiliationids:

100343571;60028186;60025153-60021378;60014300;60004718;60021378-100706574

? Corresponding: Doenges P.K.

152.

? Title: Lip motion modeling and speech driven estimation

? Venue: ICASSP IEEE International Conference on Acoustics Speech and Signal Processing Proceedings

? Year: 1997

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Scopus ID: 2-s2.0-0030643541

? Issn: 07367791

? Volume: 1

? Pages: 183-186

? Authors: Lavagetto F.; Lepsoy S.; Braccini C.; Curinga S.

? Source Id: 110544

? Author Ids: 7004136693;58578491400;7003400719;6506359610

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Lavagetto F.

153.

? Title: Synthetic and hybrid imaging in the humanoid and vidas projects

? Venue: IEEE International Conference on Image Processing

? Year: 1996

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 8

? Scopus ID: 2-s2.0-0030384488

? Volume: 3

? Pages: 663-666

? Authors: Lavagetto F.; Pandzic I. S.; Kalra P.; Thalmann N. Magnenat

? Source Id: 92868

? Author Ids: 7004136693;55915507000;7103054422;24762992500

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Lavagetto F.

154.

? Title: Visual synthesis of source acoustic speech through Kohonen neural networks

? Venue: International Conference on Spoken Language Processing ICSLP Proceedings

? Year: 1996

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-0030363990

? Volume: 4

? Pages: 2183-2186

? Authors: Lagana A.; Lavagetto F.; Storace A.
? Source Id: 21100495637
? Author Ids: 7007002272;7004136693;57195094534
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Lagana A.

155.

? Title: A neural clustering algorithm for estimating visible articulatory trajectory
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
? Year: 1996
? Type: Book Series
? Subtype: Conference Paper
? Citations: 4
? Doi: 10.1007/3-540-61510-5_145
? Scopus ID: 2-s2.0-84902130271
? Issn: 03029743
? eISSN: 16113349
? Volume: 1112 LnCS
? Pages: 863-868
? Authors: Vignoli Fabio; Curinga Sergio; Lavagetto Fabio
? Quartile:
2025:
? Theoretical Computer Science (Q3, rank 70, percentile 48)
? Computer Science (all) (Q3, rank 129, percentile 46)
? Source Id: 25674
? Author Ids: 11240995100;6506359610;7004136693
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Vignoli F.

156.

? Title: Maximizing the target-pattern cross-correlation for training time-delay neural networks
? Venue: IEEE International Conference on Neural Networks Conference Proceedings
? Year: 1995
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-0029489321
? Volume: 2
? Pages: 1121-1125
? Authors: Lavagetto Fabio
? Source Id: 110573
? Author Ids: 7004136693
? Authoraffiliationids: 60025153
? Corresponding: Lavagetto F.

157.

? Title: Better codebooks and faster convergence in VQ design
? Venue: IEEE International Conference on Image Processing
? Year: 1995
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-0029489259
? Volume: 3
? Pages: 288-291

? Authors: Cocurullo Fabio; Lavagetto Fabio
? Source Id: 92868
? Author Ids: 6507021460;7004136693
? Authoraffiliationids: 60025153;60025153
? Corresponding: Cocurullo F.

158.

? Title: A New Algorithm For Visual Synthesis Of Speech
? Venue: 4th European Conference on Speech Communication and Technology Eurospeech 1995
? Year: 1995
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Scopus ID: 2-s2.0-85128425595
? Pages: 303-306
? Authors: Lavagetto Fabio; Lavagetto Paolo
? Source Id: 21101098848
? Author Ids: 7004136693;57824175600
? Authoraffiliationids: 60025153;60025153
? Corresponding: Lavagetto F.

159.

? Title: Speech articulatory analysis through time delay neural networks
? Venue: Proceedings 1995 2nd New Zealand International Two Stream Conference on Artificial Neural Networks and Expert Systems Annes 1995
? Year: 1995
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Annes.1995.499495
? Scopus ID: 2-s2.0-85063328458
? Pages: 306-309
? Authors: Lavagetto F.
? Source Id: 21100901934
? Author Ids: 7004136693
? Authoraffiliationids: 60025153
? Corresponding: Lavagetto F.

160.

? Title: A fast algorithm for high quality vector quantization codebook design
? 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: 4
? Doi: 10.1007/3-540-60298-4_326
? Scopus ID: 2-s2.0-84919441575
? Issn: 03029743
? eISSN: 16113349
? Volume: 974
? Pages: 643-648
? Authors: Braccini Carlo; Cocurullo Fabio; Lavagetto Fabio
? Quartile:
2025:
? Theoretical Computer Science (Q3, rank 70, percentile 48)
? Computer Science (all) (Q3, rank 129, percentile 46)

? Source Id: 25674
? Author Ids: 7003400719;6507021460;7004136693
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Braccini C.

161.

? Title: Fast texture segmentation for object?oriented video coding
? Venue: European Transactions on Telecommunications
? Year: 1995
? Type: Journal
? Subtype: Article
? Citations: 0
? DOI: 10.1002/ett.4460060305
? Scopus ID: 2-s2.0-0029306649
? Issn: 1124318x
? eISSN: 15418251
? Volume: 6
? Issue: 3
? Pages: 241-253
? Authors: Lavagetto Fabio; Cocurullo Fabio
? Source Id: 18817
? Author Ids: 7004136693;6507021460
? Authoraffiliationids: 60025153;60025153
? Corresponding: Lavagetto F.

162.

? Title: Converting Speech into Lip Movements: A Multimedia Telephone for Hard of Hearing People
? Venue: IEEE Transactions on Rehabilitation Engineering
? Year: 1995
? Type: Journal
? Subtype: Article
? Citations: 85
? Doi: 10.1109/86.372898
? Scopus ID: 2-s2.0-0029270677
? Issn: 10636528
? Volume: 3
? Issue: 1
? Pages: 90-102
? Authors: Lavagetto Fabio
? Source Id: 99557
? Author Ids: 7004136693
? Authoraffiliationids: 60025153
? Corresponding: Lavagetto F.

163.

? Title: New algorithm for vector quantization
? Venue: Data Compression Conference Proceedings
? Year: 1995
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-0029238737
? Issn: 10680314
? Pages: 456
? Authors: Cocurullo Fabio; Lavagetto Fabio
? Quartile:

2025:

? Computer Networks and Communications (Q3, rank 335, percentile 38)

? Source Id: 13706

? Author Ids: 6507021460;7004136693

? Authoraffiliationids: 60025153;60025153

? Corresponding: Cocurullo F.

164.

? Title: Frame adaptive segmentation for model-based videophone coding

? Venue: Proceedings International Conference on Image Processing Icip

? Year: 1994

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.1109/Icip.1994.413603

? Scopus ID: 2-s2.0-84997541786

? Issn: 15224880

? Volume: 2

? Pages: 414-417

? Authors: Lavagetto F.; Cocurullo F.; Curinga S.

? 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: 7004136693;6507021460;6506359610

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Lavagetto F.

165.

? Title: A fast algorithm for region-oriented texture coding

? Venue: ICASSP IEEE International Conference on Acoustics Speech and Signal Processing Proceedings

? Year: 1994

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 6

? Scopus ID: 2-s2.0-2342557129

? Issn: 15206149

? Volume: 5

? Pages: V285-V288

? Authors: Cermelli M.; Lavagetto F.; Pampolini M.

? Source Id: 110544

? Author Ids: 55999213600;7004136693;55998968300

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Cermelli M.

166.

? Title: Lipreadable frame animation driven by speech parameters

? Venue: Issipnn 1994 1994 International Symposium on Speech Image Processing and Neural Networks Proceedings

? Year: 1994

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1109/Sipnn.1994.344833

? Scopus ID: 2-s2.0-0347409911
? Pages: 626-629
? Authors: Lavagetto F.; Arzerello D.; Caranzano M.
? Source Id: 21100904203
? Author Ids: 7004136693;57208408469;57208391851
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Lavagetto F.

167.

? Title: Object-oriented scene modeling for interpersonal video communication at very low bit-rate
? Venue: Signal Processing Image Communication
? Year: 1994
? Type: Journal
? Subtype: Article
? Citations: 12
? Doi: 10.1016/0923-5965(94)90001-9
? Scopus ID: 2-s2.0-0028528488
? Issn: 09235965
? Volume: 6
? Issue: 5
? Pages: 379-395
? Authors: Lavagetto Fabio; Curinga Sergio
? Keywords: 3D modeling | Feature extraction | Object-oriented video coding | Videophone
? Quartile:
2025:
? Signal Processing (Q1, rank 30, percentile 84)
? Computer Vision and Pattern Recognition (Q1, rank 32, percentile 81)
? Electrical and Electronic Engineering (Q1, rank 192, percentile 80)
? Software (Q1, rank 117, percentile 76)
? Source Id: 13803
? Author Ids: 7004136693;6506359610
? Authoraffiliationids: 60025153;60025153
? Corresponding: Lavagetto F.

168.

? Title: Adaptive vector quantization for fixed bit-rate videocoding
? Venue: Signal Processing
? Year: 1993
? Type: Journal
? Subtype: Article
? Citations: 2
? Doi: 10.1016/0165-1684(93)90024-5
? Scopus ID: 2-s2.0-0027682222
? Issn: 01651684
? Volume: 34
? Issue: 1
? Pages: 19-31
? Authors: Lavagetto F.; Zappatore S.
? Keywords: adaptive quantization | Digital video compression | vector quantization
? 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: 7004136693;6602811400
 - ? Authoraffiliationids: 60025153;60025153
 - ? Corresponding: Lavagetto F.
- 169.
- ? Title: Videophone coding based on 3-D modeling of facial muscles
 - ? Venue: Proceedings of SPIE the International Society for Optical Engineering
 - ? Year: 1992
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 1
 - ? Scopus ID: 2-s2.0-0026985055
 - ? Issn: 0277786x
 - ? Volume: 1818
 - ? Issue: pt 3
 - ? Pages: 1366-1374
 - ? Authors: Lavagetto Fabio; Curinga Sergio
 - ? 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: 7004136693;6506359610
 - ? Authoraffiliationids: 60025153;60025153
 - ? Corresponding: Lavagetto F.
- 170.
- ? Title: Vector clustering in symmetry-folded spaces for image vector quantization
 - ? Venue: Proceedings of SPIE the International Society for Optical Engineering
 - ? Year: 1992
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 0
 - ? Scopus ID: 2-s2.0-0026970981
 - ? Issn: 0277786x
 - ? Volume: 1818
 - ? Issue: pt 2
 - ? Pages: 458-465
 - ? Authors: Lavagetto 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: 7004136693

? Authoraffiliationids: 60025153

? Corresponding: Lavagetto F.

171.

? Title: VQ coding for videophone applications adopting knowledge-based techniques.
Implementation on parallel architectures

? Venue: European Transactions on Telecommunications and Related Technologies

? Year: 1992

? Type: Journal

? Subtype: Article

? Citations: 2

? Scopus ID: 2-s2.0-0026838323

? Issn: 11203862

? Volume: 3

? Issue: 2

? Pages: 45-52

? Authors: Braccini Carlo; Grattarola Aldo; Lavagetto Fabio; Zappatore Sandro

? Source Id: 55306

? Author Ids: 7003400719;6603286614;7004136693;6602811400

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Braccini C.

172.

? Title: A tool for artificial reality: From views to object representation

? Venue: 1992 Proceedings IEEE International Workshop on Robot and Human Communication
Roman 1992

? Year: 1992

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1109/Roman.1992.253884

? Scopus ID: 2-s2.0-85065581588

? Pages: 222-226

? Authors: Braccini C.; Grattarola A. A.; Lavagetto F.

? Source Id: 21100905467

? Author Ids: 7003400719;6603286614;7004136693

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Braccini C.

173.

? Title: Optimal search in random quantizers

? Venue: Proceedings International Conference on Pattern Recognition

? Year: 1992

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1109/Icpr.1992.202048

? Scopus ID: 2-s2.0-85019579623

? Issn: 10514651

? Volume: 3

? Pages: 557-560

? Authors: Lavagetto F.

? Source Id: 24282

? Author Ids: 7004136693

? Authoraffiliationids: 60025153

? Corresponding: Lavagetto F.

174.

? Title: VQ coding for videophone applications adopting knowledge-based techniques:
Implementation on parallel architectures
? Venue: European Transactions on Telecommunications
? Year: 1992
? Type: Journal
? Subtype: Article
? Citations: 2
? DOI: 10.1002/ett.4460030209
? Scopus ID: 2-s2.0-84985822420
? Issn: 1124318x
? eISSN: 15418251
? Volume: 3
? Issue: 2
? Pages: 137-144
? Authors: Braccini Carlo; Grattarola Aldo; Lavagetto Fabio; Zappatore Sandro
? Source Id: 18817
? Author Ids: 7003400719;6603286614;7004136693;6602811400
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Braccini C.

175.

? Title: Muscle modeling for facial animation in videophone coding
? Venue: 1992 Proceedings IEEE International Workshop on Robot and Human Communication
Roman 1992
? Year: 1992
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Roman.1992.253859
? Scopus ID: 2-s2.0-33747834425
? Pages: 369-374
? Authors: Braccini C.; Curinga S.; Grattarola A. A.; Lavagetto F.
? Source Id: 21100905467
? Author Ids: 7003400719;6506359610;6603286614;7004136693
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Braccini C.

176.

? Title: Block-adaptive quantization of multiple-frame motion field
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1991
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Scopus ID: 2-s2.0-0026384041
? Issn: 0277786x
? Volume: 1605
? Issue: pt 2
? Pages: 534-545
? Authors: Lavagetto Fabio; Leonardi Riccardo
? 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: 7004136693;26039333400
? Authoraffiliationids: 60025153;60025153
? Corresponding: Lavagetto F.

177.

? Title: Unbalanced tree structure for frame adaptive vector quantization of image sequences
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1990
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Scopus ID: 2-s2.0-0025634888
? Issn: 0277786x
? Volume: 1244
? Pages: 291-304
? Authors: Lavagetto Fabio; Zappatore 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: 7004136693;6602811400
? Authoraffiliationids: 60025153;60025153
? Corresponding: Lavagetto F.

178.

? Title: Automatic target detection in infrared sequences through semantic labeling
? Venue: Proceedings of SPIE the International Society for Optical Engineering
? Year: 1990
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Scopus ID: 2-s2.0-0025560021
? Issn: 0277786x
? Volume: 1349
? Pages: 476-485
? Authors: Lavagetto 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: 7004136693
? Authoraffiliationids: 60025153

? Corresponding: Lavagetto F.

179.

? Title: Infrared image segmentation through iterative thresholding

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

? Year: 1990

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-0025547228

? Issn: 0277786x

? Volume: 1295

? Pages: 29-38

? Authors: Lavagetto 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: 7004136693

? Authoraffiliationids: 60025153

? Corresponding: Lavagetto F.

180.

? Title: Comparative evaluation of different techniques in image vector quantization

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

? Year: 1990

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-0025535027

? Issn: 0277786x

? Volume: 1349

? Pages: 192-202

? Authors: Lavagetto Fabio; Zappatore 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: 7004136693;6602811400

? Authoraffiliationids: 60025153;60025153

? Corresponding: Lavagetto F.

181.

? Title: Visual model weighted DCT vector quantization for variable bitrate video coding

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

? Year: 1990

? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-0025532198
? Issn: 0277786x
? Volume: 1360 pt 2
? Pages: 1134-1139
? Authors: Lavagetto Fabio; Zappatore 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: 7004136693;6602811400
? Authoraffiliationids: 60025153;60025153
? Corresponding: Lavagetto F.