ZONTONE PAMELA

Overview
? Unit: ICT
? Role: Ricercatore
? Grade: Ricercatore t.d. art. 24 c. 3 lett. A Legge 240/10 (t.pieno)
? SSD: IINF-03/A (Telecomunicazioni)
? Scopus ID: 12805791200
? Unige Id: 721548
? Retrieved at: 2025-11-14T15:18:13.226438

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? Locations: Opera Pia - padiglione C (Ex CNR) (ED161450501), 1´°piano, US161450501.I.016

Career
? Rd, 2023-04-17 ? 2026-04-16

Teaching
2025
? Cognitive Telecommunication Systems (60279), Lm-27 - Internet And Multimedia Engineering
? Introduzione Ai Sistemi Cognitivi Dinamici - Raise Liguria (113558), Formazione Alla Cittadinanza
? Python (118063), Lm-27 - Internet And Multimedia Engineering

2024
? Cognitive Data Fusion (86960), Lm-29 - Ingegneria Elettronica
? Fondamenti Di Programmazione Per L'Elaborazione Di Segnali E Dati (111042), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Cognitive Telecommunication Systems (60279), Lm-27 - Internet And Multimedia Engineering
? Introduzione Ai Sistemi Cognitivi Dinamici - Raise Liguria (113558), Formazione Alla Cittadinanza

2023
? Cognitive Data Fusion (86960), Lm-29 - Ingegneria Elettronica
? Cognitive Telecommunication Systems (60279), Lm-27 - Internet And Multimedia Engineering
? Introduzione Ai Sistemi Cognitivi Dinamici - Raise Liguria (113558), Formazione Alla Cittadinanza

Scopus Metrics
? absolute; Docs: 44; Journals: 16; Conferences: 27; Citations: 461; H-index: 13
? 15 years (2010-2025); Docs: 33; Journals: 14; Conferences: 18; Citations: 395; H-index: 13
? 10 years (2015-2025); Docs: 27; Journals: 13; Conferences: 13; Citations: 349; H-index: 11
? 05 years (2020-2025); Docs: 24; Journals: 12; Conferences: 11; Citations: 213; H-index: 9

Scopus Products
1.
  ? Title: Vehicle localization in an explainable dynamic Bayesian network framework for self-aware agents
  ? Venue: Information Fusion

2.

3.
  ? Title: Modeling Interactions between Autonomous Agents in a Multi-Agent Self-

Awareness Architecture
? Venue: IEEE Transactions on Multimedia
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 2
? Doi: 10.1109/Tmm.2025.3543110
? Scopus ID: 2-s2.0-85218784759
? Issn: 15209210
? eISSN: 19410077
? Volume: 27
? Pages: 5035-5049
? Authors: Alemaw Abrham Shiferaw; Slavic Giulia; Zontone Pamela; Marcenaro Lucio; Gomez David Martin; Regazzoni Carlo
? Keywords: Hierarchical dynamic bayesian networks | linear prediction models | multi-modal perception | variational autoencoder | world model
? 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)
? Source Id: 16211
? Author Ids: 57473774100;57218159779;12805791200;6603377664;59388326900;35513672400
? Authoraffiliationids: 60025153-60001741;60025153-60001741;60025153;60025153;60001741;60025153
? Corresponding: Alemaw A.S.

4.
? Title: Convolutional Autoencoder-Based Anomaly Detection in PPG Signals Using a Necklace Wearable Device
? Venue: 2025 IEEE International Workshop on Metrology for Automotive Metroautomotive 2025 Proceedings
? Year: 2025
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? DOI: 10.1109/MetroAutomotive64646.2025.11119279
? Scopus ID: 2-s2.0-105015737114
? Pages: 79-84
? Authors: Grasso Anna Lo; Zontone Pamela; Affanni Antonio; Rinaldo Roberto
? Keywords: Anomaly detection | Convolutional Autoencoder | Photoplethysmography | Reconstruction Error | ROC curve
? Source Id: 21101329138
? Author Ids: 57219297312;12805791200;55957389200;7003771007
? Authoraffiliationids: 60025965;60025153;60025965;60025965
? Corresponding: Grasso A.L.

5.
? Title: Advanced Necklace for Real-Time PPG Monitoring in Drivers
? Venue: Sensors
? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 6
? DOI: 10.3390/s24185908

6.

7.

? Pages: 83-88
? Authors: Humayun Muhammad Farhan; Zontone Pamela; Marcenaro Lucio; Gˆ‡mez David Martˆ›n; Regazzoni Carlo
? Keywords: Adaptive Particle filtering | Anomaly detection | Generative model fusion | Incremental learning | Self-aware agent
? Quartile:
  2025:
  ? Signal Processing (Q3, rank 110, percentile 43)
  ? Applied Mathematics (Q3, rank 379, percentile 43)
  ? Electrical and Electronic Engineering (Q3, rank 593, percentile 40)
  ? Hardware and Architecture (Q3, rank 165, percentile 29)
  2024:
  ? Applied Mathematics (Q2, rank 252, percentile 62)
  ? Signal Processing (Q2, rank 86, percentile 53)
  ? Electrical and Electronic Engineering (Q2, rank 470, percentile 51)
  ? Hardware and Architecture (Q3, rank 131, percentile 41)
? Source Id: 26058
? Author Ids: 57762469100;12805791200;6603377664;59388326900;35513672400
? Authoraffiliationids: 60025153-60001741;60025153;60025153;60001741;60025153
? Corresponding: Humayun M.F.

8.
? Title: Learning 3D LiDAR Perception Models for Self-Aware Autonomous Systems
? Venue: Fusion 2024 27th International Conference on Information Fusion
? Year: 2024
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.23919/Fusion59988.2024.10706364
? Scopus ID: 2-s2.0-85207695150
? Authors: Memon Saleemullah; Krayani Ali; Zontone Pamela; Marcenaro Lucio; Gomez David Martin; Regazzoni Carlo
? Keywords: 3D LiDAR | Generative Dynamic Bayesian Network (GDBN) | Intelligent Transportation Systems (ITSs) | Self-Awareness
? Source Id: 21101256248
? Author Ids: 57209179084;57211429954;12805791200;6603377664;59388326900;35513672400
? Authoraffiliationids: 60025153-60001741;60025153;60025153;60025153;60001741;60025153
? Corresponding: Memon S.

9.
? Title: Integrated Learning and Decision Making for Autonomous Agents through Energy based Bayesian Models
? Venue: Fusion 2024 27th International Conference on Information Fusion
? Year: 2024
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.23919/Fusion59988.2024.10706431
? Scopus ID: 2-s2.0-85207692161
? Authors: Alemaw Abrham Shiferaw; Zontone Pamela; Marcenaro Lucio; Marin Pablo; Gomez David Martin; Regazzoni Carlo
? Source Id: 21101256248
? Author Ids: 57473774100;12805791200;6603377664;57190806708;59388326900;35513672400
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Alemaw A.S.

10.
? Title: Joint Data-Driven Analysis of Visual-Odometric Anomaly Signals in Generative
Ai-Based Agents
? Venue: 2024 IEEE International Conference on Acoustics Speech and Signal Processing
Workshops Icasspw 2024 Proceedings
? Year: 2024
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Icasspw62465.2024.10626634
? Scopus ID: 2-s2.0-85202443570
? Pages: 264-268
? Authors: Slavic Giulia; Bracco Mattia; Marcenaro Lucio; Gˆ‡mez David Martˆ›n; Regazzoni
 Carlo; Zontone Pamela
? Keywords: anomaly detection | explainability | Kalman filtering | particle filtering
| Variational autoencoder
? Source Id: 21101245171
? Author Ids: 57218159779;59302446500;6603377664;57204878586;35513672400;12805791200
? Authoraffiliationids: 60025153-60001741;60025153;60025153;60001741;60025153;60025153
? Corresponding: Slavic G.
11.
? Title: Drivers? Mental Engagement Analysis Using Multi-Sensor Fusion Approaches Based
 on Deep Convolutional Neural Networks
? Venue: Sensors
? Year: 2023
? Type: Journal
? Subtype: Article
? Citations: 9
? DOI: 10.3390/s23177346
? Scopus ID: 2-s2.0-85170345345
? Issn: 14248220
? Volume: 23
? Issue: 17
? Authors: Aminosharieh Najafi Taraneh; Affanni Antonio; Rinaldo Roberto; Zontone
Pamela
? Keywords: deep convolutional neural network | drivers? mental engagement |
electrocardiogram | electrodermal activity | electroencephalogram | sensor fusion
? Quartile:
 2025:
 ? Instrumentation (Q1, rank 19, percentile 90)
 ? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)
 ? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)
 ? Biochemistry (Q1, rank 72, percentile 84)
 ? Information Systems (Q1, rank 87, percentile 82)
 ? Analytical Chemistry (Q1, rank 30, percentile 82)
 2023:
 ? Instrumentation (Q1, rank 24, percentile 83)
 ? Electrical and Electronic Engineering (Q1, rank 163, percentile 79)
 ? Atomic and Molecular Physics, and Optics (Q1, rank 48, percentile 78)
 ? Analytical Chemistry (Q1, rank 36, percentile 77)
 ? Information Systems (Q1, rank 91, percentile 77)
 ? Biochemistry (Q2, rank 133, percentile 69)
? Source Id: 130124
? Author Ids: 57490617200;55957389200;7003771007;12805791200

12.
? Title: Driver Attention Assessment Using Physiological Measures from EEG, ECG, and EDA Signals ?
? Venue: Sensors
? Year: 2023
? Type: Journal
? Subtype: Article
? Citations: 28
? DOI: 10.3390/s23042039
? Scopus ID: 2-s2.0-85148975747
? Issn: 14248220
? Volume: 23
? Issue: 4
? Authors: Aminosharieh Najafi Taraneh; Affanni Antonio; Rinaldo Roberto; Zontone Pamela
? Keywords: blink rate | driver attention | driving simulator | electrocardiogram | electrodermal activity | electroencephalogram
? Quartile:
  2025:
  ? Instrumentation (Q1, rank 19, percentile 90)
  ? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)
  ? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)
  ? Biochemistry (Q1, rank 72, percentile 84)
  ? Information Systems (Q1, rank 87, percentile 82)
  ? Analytical Chemistry (Q1, rank 30, percentile 82)
  2023:
  ? Instrumentation (Q1, rank 24, percentile 83)
  ? Electrical and Electronic Engineering (Q1, rank 163, percentile 79)
  ? Atomic and Molecular Physics, and Optics (Q1, rank 48, percentile 78)
  ? Analytical Chemistry (Q1, rank 36, percentile 77)
  ? Information Systems (Q1, rank 91, percentile 77)
  ? Biochemistry (Q2, rank 133, percentile 69)
? Source Id: 130124
? Author Ids: 57490617200;55957389200;7003771007;12805791200
? Authoraffiliationids: 60025965;60025965;60025965;60025965
? Corresponding: Aminosharieh Najafi T.

13.
? Title: Application of Supervised Learning Techniques for Sports and Daily Activities Identification Using Accelerometer Data
? Venue: 2023 IEEE International Workshop on Sport Technology and Research STAR 2023 Proceedings
? Year: 2023
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Star58331.2023.10302440
? Scopus ID: 2-s2.0-85179140616
? Pages: 116-121
? Authors: Zontone Pamela; Affanni Antonio; Pin Davide; Rinaldo Roberto
? Keywords: Deep Learning | Human Activity Recognition | Inertial Measurement Unit | Machine Learning
? Source Id: 21101190444

　? Author Ids: 12805791200;55957389200;58753742100;7003771007
　? Authoraffiliationids: 60025965;60025965;60025965;60025965
　? Corresponding: Zontone P.
14.
　? Title: Wearable Sensor for Boxer Performance Improvement
　? Venue: 2023 IEEE International Workshop on Sport Technology and Research STAR 2023 Proceedings
　? Year: 2023
　? Type: Conference Proceeding
　? Subtype: Conference Paper
　? Citations: 0
　? Doi: 10.1109/Star58331.2023.10302655
　? Scopus ID: 2-s2.0-85179129950
　? Pages: 110-115
　? Authors: Affanni Antonio; Rinaldo Roberto; Zontone Pamela
　? Keywords: Boxing Performance Measurement | Punch Force | Wearable Sensors
　? Source Id: 21101190444
　? Author Ids: 55957389200;7003771007;12805791200
　? Authoraffiliationids: 60025965;60025965;60025965
　? Corresponding: Affanni A.
15.
　? Title: Convolutional Neural Networks Using Scalograms for Stress Recognition in Drivers
　? Venue: European Signal Processing Conference
　? Year: 2023
　? Type: Conference Proceeding
　? Subtype: Conference Paper
　? Citations: 5
　? Doi: 10.23919/Eusipco58844.2023.10290079
　? Scopus ID: 2-s2.0-85178343777
　? Issn: 22195491
　? Pages: 1185-1189
　? Authors: Zontone Pamela; Affanni Antonio; Piras Alessandro; Rinaldo Roberto
　? Keywords: Convolutional Neural Network | Electrodermal Activity | Heart Rate | Scalogram | Stress Detection
　? Quartile:
　　2025:
　　? Signal Processing (Q3, rank 109, percentile 44)
　　? Electrical and Electronic Engineering (Q3, rank 573, percentile 42)
　? Source Id: 21100204301
　? Author Ids: 12805791200;55957389200;57202664963;7003771007
　? Authoraffiliationids: 60025965;60025965;60025965;60025965
　? Corresponding: Zontone P.
16.
　? Title: Analysis of Physiological Signals for Stress Recognition with Different Car Handling Setups
　? Venue: Electronics Switzerland
　? Year: 2022
　? Type: Journal
　? Subtype: Article
　? Citations: 18
　? DOI: 10.3390/electronics11060888
　? Scopus ID: 2-s2.0-85126327872
　? eISSN: 20799292

17.

? Source Id: 130124
? Author Ids: 12805791200;55957389200;7003771007;57202664963
? Authoraffiliationids: 60025965;60025965;60025965;60025965
? Corresponding: Zontone P.

18.
? Title: Stress recognition in a simulated city environment using Skin Potential Response (SPR) signals
? Venue: 2021 IEEE International Workshop on Metrology for Automotive Metroautomotive 2021 Proceedings
? Year: 2021
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 13
? DOI: 10.1109/MetroAutomotive50197.2021.9502867
? Scopus ID: 2-s2.0-85114961949
? Pages: 135-140
? Authors: Zontone Pamela; Affanni Antonio; Piras Alessandro; Rinaldo Roberto
? Keywords: 3D Driving Simulator | Electrodermal Activity | Machine Learning | Skin Potential Response | Stress Detection
? Source Id: 21101059038
? Author Ids: 12805791200;55957389200;57202664963;7003771007
? Authoraffiliationids: 60025965;60025965;60025965;60025965
? Corresponding: Zontone P.

19.
? Title: Emotional response analysis using electrodermal activity, electrocardiogram and eye tracking signals in drivers with various car setups
? Venue: European Signal Processing Conference
? Year: 2021
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 21
? DOI: 10.23919/Eusipco47968.2020.9287446
? Scopus ID: 2-s2.0-85099294479
? Issn: 22195491
? Volume: 2021-January
? Pages: 1160-1164
? Authors: Zontone Pamela; Affanni Antonio; Bernardini Riccardo; Del Linz Leonida; Piras Alessandro; Rinaldo Roberto
? Keywords: Electrocardiogram | Eye Tracking | Skin Potential Response | Stress Detection | Supervised Machine Learning Algorithm
? Quartile:
  2025:
  ? Signal Processing (Q3, rank 109, percentile 44)
  ? Electrical and Electronic Engineering (Q3, rank 573, percentile 42)
? Source Id: 21100204301
? Author Ids: 12805791200;55957389200;7005276670;57216836480;57202664963;7003771007
? Authoraffiliationids: 60025965;60025965;60025965;131073157;60025965;60025965
? Corresponding: Zontone P.

20.
? Title: Skin potential response for stress recognition in simulated urban driving
? Venue: Acta Imeko
? Year: 2021
? Type: Journal
? Subtype: Article

21.

? Title: Car Driver's Sympathetic Reaction Detection through Electrodermal Activity and Electrocardiogram Measurements

22.
? Title: Stress evaluation in simulated autonomous and manual driving through the analysis of skin potential response and electrocardiogram signals
? Venue: Sensors Switzerland
? Year: 2020
? Type: Journal
? Subtype: Article
? Citations: 29
? DOI: 10.3390/s20092494
? Scopus ID: 2-s2.0-85083996120
? Issn: 14248220
? Volume: 20
? Issue: 9
? Authors: Zontone Pamela; Affanni Antonio; Bernardini Riccardo; Linz Leonida Del; Piras Alessandro; Rinaldo Roberto
? Keywords: Autonomous driving | Electrocardiogram | Skin potential response | Stress recognition | Supervised learning algorithm
? Quartile:
  2025:
  ? Instrumentation (Q1, rank 19, percentile 90)
  ? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)
  ? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)
  ? Biochemistry (Q1, rank 72, percentile 84)
  ? Information Systems (Q1, rank 87, percentile 82)
  ? Analytical Chemistry (Q1, rank 30, percentile 82)
  2020:
  ? Instrumentation (Q1, rank 13, percentile 90)
  ? Electrical and Electronic Engineering (Q1, rank 135, percentile 80)
  ? Information Systems (Q1, rank 69, percentile 79)
  ? Atomic and Molecular Physics, and Optics (Q1, rank 42, percentile 78)
  ? Analytical Chemistry (Q1, rank 29, percentile 76)
  ? Biochemistry (Q2, rank 133, percentile 67)
? Source Id: 130124
? Author Ids: 12805791200;55957389200;7005276670;57211535476;57202664963;7003771007
? Authoraffiliationids: 60025965;60025965;60025965;60025965;60025965;60025965
? Corresponding: Zontone P.
23.
? Title: Supervised learning techniques for stress detection in car drivers
? Venue: Advances in Science Technology and Engineering Systems
? Year: 2020
? Type: Journal
? Subtype: Article
? Citations: 16
? DOI: 10.25046/aj050603
? Scopus ID: 2-s2.0-85096787922
? eISSN: 24156698
? Volume: 5
? Issue: 6
? Pages: 22-29
? Authors: Zontone Pamela; Affanni Antonio; Bernardini Riccardo; Del Linz Leonida; Piras Alessandro; Rinaldo Roberto
? Keywords: Deep Learning | Electrodermal Activity | Heart Rate Variability | Machine Learning | Motion Artifact | Stress Detection in Car Drivers | Supervised Learning Algorithm

? Source Id: 21100898760
? Author Ids: 12805791200;55957389200;7005276670;57216836480;57202664963;7003771007
? Authoraffiliationids: 60025965;60025965;60025965;112536896;60025965;60025965
? Corresponding: Zontone P.

24.
? Title: Low-complexity classification algorithm to identify drivers? stress using electrodermal activity (EDA) measurements
? Venue: Lecture Notes in Computational Vision and Biomechanics
? Year: 2020
? Type: Book Series
? Subtype: Book Chapter
? Citations: 5
? Doi: 10.1007/978-3-030-21726-6_3
? Scopus ID: 2-s2.0-85070540268
? Issn: 22129391
? eISSN: 22129413
? Volume: 32
? Pages: 25-33
? Authors: Zontone Pamela; Affanni Antonio; Bernardini Riccardo; Piras Alessandro; Rinaldo Roberto
? Keywords: Skin potential response | Stress detection | Support vector machine
? Quartile:
  2025:
  ? Computer Vision and Pattern Recognition (Q2, rank 53, percentile 69)
  ? Signal Processing (Q2, rank 63, percentile 67)
  ? Mechanical Engineering (Q2, rank 241, percentile 67)
  ? Computer Science Applications (Q2, rank 377, percentile 61)
  ? Artificial Intelligence (Q2, rank 200, percentile 59)
  ? Biomedical Engineering (Q2, rank 163, percentile 51)
  2020:
  ? Mechanical Engineering (Q3, rank 415, percentile 30)
  ? Computer Science Applications (Q3, rank 514, percentile 25)
  ? Signal Processing (Q4, rank 84, percentile 22)
  ? Biomedical Engineering (Q4, rank 188, percentile 18)
  ? Artificial Intelligence (Q4, rank 187, percentile 17)
  ? Computer Vision and Pattern Recognition (Q4, rank 72, percentile 15)
? Source Id: 21100380994
? Author Ids: 12805791200;55957389200;7005276670;57202664963;7003771007
? Authoraffiliationids: 60025965;60025965;60025965;60025965;60025965
? Corresponding: Zontone P.

25.
? Title: Stress detection through Electrodermal Activity (EDA) and Electrocardiogram (ECG) analysis in car drivers
? Venue: European Signal Processing Conference
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 71
? Doi: 10.23919/Eusipco.2019.8902631
? Scopus ID: 2-s2.0-85075607252
? Issn: 22195491
? Volume: 2019-September
? Authors: Zontone Pamela; Affanni Antonio; Bernardini Riccardo; Piras Alessandro; Rinaldo Roberto

- ? Keywords: Electrocardiogram | Motion Artifact Removal | Skin Potential Response | Stress Detection | Supervised Machine Learning Algorithm
- ? Quartile:
  - 2025:
  - ? Signal Processing (Q3, rank 109, percentile 44)
  - ? Electrical and Electronic Engineering (Q3, rank 573, percentile 42)
- ? Source Id: 21100204301
- ? Author Ids: 12805791200;55957389200;7005276670;57202664963;7003771007
- ? Authoraffiliationids: 60025965;60025965;60025965;60025965;60025965
- ? Corresponding: Zontone P.

26.
- ? Title: Dual channel Electrodermal activity sensor for motion artifact removal in car drivers' stress detection
- ? Venue: Sas 2019 2019 IEEE Sensors Applications Symposium Conference Proceedings
- ? Year: 2019
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 15
- ? Doi: 10.1109/Sas.2019.8706023
- ? Scopus ID: 2-s2.0-85065916706
- ? Authors: Affanni Antonio; Piras Alessandro; Rinaldo Roberto; Zontone Pamela
- ? Keywords: Motion Artifact | Skin Potential Response | Stress Detection
- ? Source Id: 21100905989
- ? Author Ids: 55957389200;57202664963;7003771007;12805791200
- ? Authoraffiliationids: 60025965;60025965;60025965;60025965
- ? Corresponding: Affanni A.

27.
- ? Title: Driver's stress detection using Skin Potential Response signals
- ? Venue: Measurement Journal of the International Measurement Confederation
- ? Year: 2018
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 50
- ? DOI: 10.1016/j.measurement.2018.03.040
- ? Scopus ID: 2-s2.0-85044118417
- ? Issn: 02632241
- ? Volume: 122
- ? Pages: 264-274
- ? Authors: Affanni Antonio; Bernardini Riccardo; Piras Alessandro; Rinaldo Roberto; Zontone Pamela
- ? Keywords: Adaptive filters | Electrodermal activity | Motion artifact | Skin potential response | Stress detection
- ? Quartile:
  - 2025:
  - ? Instrumentation (Q1, rank 15, percentile 92)
  - ? Electrical and Electronic Engineering (Q1, rank 115, percentile 88)
  - 2018:
  - ? Instrumentation (Q1, rank 17, percentile 86)
  - ? Electrical and Electronic Engineering (Q1, rank 126, percentile 81)
- ? Source Id: 15424
- ? Author Ids: 55957389200;7005276670;57202664963;7003771007;12805791200
- ? Authoraffiliationids: 60025965;60025965;60025965;60025965;60025965
- ? Corresponding: Affanni A.

28.

? Title: Emotion based classification of natural images
? Venue: International Conference on Information and Knowledge Management Proceedings
? Year: 2011
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 20
? Doi: 10.1145/2064448.2064470
? Scopus ID: 2-s2.0-83255184361
? Pages: 17-22
? Authors: Dellagiacoma Michela; Zontone Pamela; Boato Giulia; Albertazzi Liliana
? Keywords: emotion | emotional semantic image retrieval | image classification | image features
? Source Id: 21101215011
? Author Ids: 54794110900;12805791200;8662845900;56365267800
? Authoraffiliationids: 60015986;60015986;60015986;60015986
? Corresponding: Dellagiacoma M.

29.
? Title: A segment-based image saliency detection
? Venue: ICASSP IEEE International Conference on Acoustics Speech and Signal Processing Proceedings
? Year: 2011
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 14
? Doi: 10.1109/Icassp.2011.5946629
? Scopus ID: 2-s2.0-80051648825
? Issn: 15206149
? Pages: 1217-1220
? Authors: Muratov O.; Zontone P.; Boato G.; De Natale F. G.B.
? Keywords: Image analysis | visual attention | visual saliency
? Source Id: 110544
? Author Ids: 49061255900;12805791200;8662845900;7003297760
? Authoraffiliationids: 60015986;60015986;60015986;60015986
? Corresponding: Muratov O.

30.
? Title: Performance evaluation of wavelet-based distributed video coding schemes
? Venue: Signal Image and Video Processing
? Year: 2011
? Type: Journal
? Subtype: Article
? Citations: 2
? DOI: 10.1007/s11760-009-0141-4
? Scopus ID: 2-s2.0-79951722691
? Issn: 18631703
? eISSN: 18631711
? Volume: 5
? Issue: 1
? Pages: 49-60
? Authors: Bernardini Riccardo; Rinaldo Roberto; Vitali Andrea; Zontone Pamela
? Keywords: Distributed video coding | Error correcting codes | Modulo reduction | Wavelet transform
? Quartile:
 2025:
 ? Signal Processing (Q2, rank 74, percentile 62)

? Electrical and Electronic Engineering (Q2, rank 400, percentile 59)
2011:
? Electrical and Electronic Engineering (Q2, rank 268, percentile 54)
? Signal Processing (Q3, rank 39, percentile 42)
? Source Id: 6200180165
? Author Ids: 7005276670;7003771007;8450642100;12805791200
? Authoraffiliationids: 60025965;60025965;60023682;60025965
? Corresponding: Bernardini R.

31.
? Title: Image and collateral text in support of auto-annotation and sentiment analysis
? Venue: Acl 2010 Textgraphs 2010 2010 Workshop on Graph Based Methods for Natural Language Processing Proceedings of the Workshop
? Year: 2010
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Scopus ID: 2-s2.0-84865234317
? Pages: 88-92
? Authors: Zontone Pamela; Boato Giulia; Hare Jonathon; Lewis Paul; Siersdorfer Stefan; Minack Enrico
? Source Id: 21100255452
? Author Ids: 12805791200;8662845900;8840160700;7402868963;7801642131;27568017400
? Authoraffiliationids: 60015986;60015986;60025225;60025225;60020084;60020084
? Corresponding: Zontone P.

32.
? Title: Impact of contrast modification on human feeling: An objective and subjective assessment
? Venue: Proceedings International Conference on Image Processing Icip
? Year: 2010
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Doi: 10.1109/Icip.2010.5651509
? Scopus ID: 2-s2.0-78651076396
? Issn: 15224880
? Pages: 1757-1760
? Authors: Zontone P.; Carli M.; Boato G.; De Natale F. G.B.
? Keywords: Contrast adjustment | Digital forensics | Feeling modification | Opinion mining | Subjective test
? 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: 12805791200;57218214191;8662845900;7003297760
? Authoraffiliationids: 60015986;60012630;60015986;60015986
? Corresponding: Zontone P.

33.
? Title: Image and collateral text in support of auto-annotation and sentiment analysis
? Venue: Proceedings of the Annual Meeting of the Association for Computational Linguistics
? Year: 2010
? Type: Conference Proceeding

? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-85121288287
? Issn: 0736587x
? Pages: 88-92
? Authors: Zontone Pamela; Boato Giulia; Hare Jonathon; Lewis Paul; Siersdorfer Stefan; Minack Enrico
? Quartile:
  2025:
  ? Language and Linguistics (Q1, rank 11, percentile 99)
  ? Linguistics and Language (Q1, rank 12, percentile 99)
  ? Computer Science Applications (Q1, rank 89, percentile 90)
? Source Id: 21101138302
? Author Ids: 12805791200;8662845900;8840160700;7402868963;7801642131;27568017400
? Authoraffiliationids: 60015986;60015986;60025225;60025225;60020084;60020084
? Corresponding: Zontone P.

34.
  ? Title: Image diversity analysis: Context opinion and bias
  ? Venue: Ceur Workshop Proceedings
  ? Year: 2009
  ? Type: Conference Proceeding
  ? Subtype: Conference Paper
  ? Citations: 7
  ? Scopus ID: 2-s2.0-84891461550
  ? Issn: 16130073
  ? Volume: 515
  ? Authors: Zontone P.; Boato G.; Natale F. G.B.De; Rosa A. De; Barni M.; Piva A.; Hare J. S.; Dupplaw D.; Lewis P. H.
  ? Quartile:
   2025:
   ? Computer Science (all) (Q4, rank 214, percentile 11)
  ? Source Id: 21100218356
  ? Author Ids: 12805791200;8662845900;7003297760;7006122064;7005442155;7005293392;8840160700;8688723800;7402868963
  ? Authoraffiliationids: 60015986;60015986;60015986;60103966;60103966;60103966;60025225;60025225;60025225
  ? Corresponding: Zontone P.

35.
  ? Title: Multiple description for robust scalable video coding
  ? Venue: Proceedings International Conference on Image Processing Icip
  ? Year: 2009
  ? Type: Conference Proceeding
  ? Subtype: Conference Paper
  ? Citations: 1
  ? Doi: 10.1109/Icip.2009.5414051
  ? Scopus ID: 2-s2.0-77951958278
  ? Issn: 15224880
  ? Pages: 905-908
  ? Authors: Alfonso D.; Bernardini R.; Celetto L.; Rinaldo R.; Zontone P.
  ? 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: 7003533474;7005276670;8450642000;7003771007;12805791200
? Authoraffiliationids: 60023682;60025965;60023682;60025965;60025965
? Corresponding: Alfonso D.

36.
? Title: Forward error protection for robust video streaming based on distributed video coding principles
? Venue: Iet Conference Publications
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? DOI: 10.1049/cp:20080411
? Scopus ID: 2-s2.0-67649191520
? Issue: 543 Cp
? Pages: 747-752
? Authors: Naccari M.; Tagliasacchi M.; Tubaro S.; Zontone P.; Rinaldo R.; Bernardini R.
? Keywords: Channel induced distortion estimation | Distributed video coding | Error resilience | Rate allocation
? Source Id: 5400152619
? Author Ids: 18038447300;8451910100;7003411765;12805791200;7003771007;7005276670
? Authoraffiliationids: 60023256;60023256;60023256;60025965;60025965;60025965
? Corresponding: Naccari M.

37.
? Title: Cross-layer joint optimization of FEC channel codes and Multiple Description Coding for video delivery over IEEE 802.11e links
? Venue: Proceedings the 2nd International Conference on Next Generation Mobile Applications Services and Technologies Ngmast 2008
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 9
? Doi: 10.1109/Ngmast.2008.35
? Scopus ID: 2-s2.0-63249103880
? Pages: 472-478
? Authors: Milani Simone; Calvagno Giancarlo; Bernardini Riccardo; Zontone Pamela
? Source Id: 17300154956
? Author Ids: 22635175200;7003853616;7005276670;12805791200
? Authoraffiliationids: 60000481;60000481;60025965;60025965
? Corresponding: Milani S.

38.
? Title: Performance evaluation of distributed video coding schemes
? Venue: ICASSP IEEE International Conference on Acoustics Speech and Signal Processing Proceedings
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Icassp.2008.4517708
? Scopus ID: 2-s2.0-51449089663
? Issn: 15206149
? Pages: 709-712
? Authors: Bernardini R.; Rinaldo R.; Zontone P.; Vitali A.

? Keywords: Distributed video coding | Source coding
? Source Id: 110544
? Author Ids: 7005276670;7003771007;12805791200;8450642100
? Authoraffiliationids: 60025965;60025965;60025965;60023682
? Corresponding: Bernardini R.
39.
? Title: Rate allocation for robust video streaming based on distributed video coding
? Venue: Signal Processing Image Communication
? Year: 2008
? Type: Journal
? Subtype: Article
? Citations: 10
? DOI: 10.1016/j.image.2008.04.004
? Scopus ID: 2-s2.0-44749085521
? Issn: 09235965
? Volume: 23
? Issue: 5
? Pages: 391-403
? Authors: Bernardini R.; Naccari M.; Rinaldo R.; Tagliasacchi M.; Tubaro S.; Zontone P.
? Keywords: Channel induced distortion estimation | Distributed video coding | Error resilience | Rate allocation
? 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: 7005276670;18038447300;7003771007;8451910100;7003411765;12805791200
? Authoraffiliationids: 60025965;60023256;60025965;60023256;60023256;60025965
? Corresponding: Bernardini R.
40.
? Title: Error concealment usinga DVC approach for video streaming applications
? Venue: European Signal Processing Conference
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Scopus ID: 2-s2.0-84863765793
? Issn: 22195491
? Pages: 668-672
? Authors: Bernardini R.; Fumagalli M.; Naccari M.; Rinaldo R.; Tagliasacchi M.; Tubaro S.; Zontone P.
? Quartile:
  2025:
  ? Signal Processing (Q3, rank 109, percentile 44)
  ? Electrical and Electronic Engineering (Q3, rank 573, percentile 42)
? Source Id: 21100204301
? Author Ids:
7005276670;24477148700;18038447300;7003771007;8451910100;7003411765;12805791200
? Authoraffiliationids: 60025965;60023256;60023256;60025965;60023256;60023256;60025965
? Corresponding: Bernardini R.
41.

? Title: Real-time multiple description video streaming over QoS-based wireless networks
? Venue: Proceedings International Conference on Image Processing Icip
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 11
? Doi: 10.1109/Icip.2007.4380000
? Scopus ID: 2-s2.0-48149092994
? Issn: 15224880
? Volume: 4
? Pages: 245-248
? Authors: Bernardini R.; Durigon M.; Rinaldo R.; Zontone P.; Vitali A.
? Keywords: Transport protocols | Video coding | Wireless IAN
? 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: 7005276670;8450641800;7003771007;12805791200;8450642100
? Authoraffiliationids: 60025965;60025965;60025965;60025965;60023682
? Corresponding: Bernardini R.

42.
  ? Title: Wavelet domain distributed coding for video
  ? Venue: Proceedings International Conference on Image Processing Icip
  ? Year: 2006
  ? Type: Conference Proceeding
  ? Subtype: Conference Paper
  ? Citations: 15
  ? Doi: 10.1109/Icip.2006.313171
  ? Scopus ID: 2-s2.0-48149102667
  ? Issn: 15224880
  ? Pages: 245-248
  ? Authors: Bernardini R.; Rinaldo R.; Zontone P.; Alfonso D.; Vitali A.
  ? Keywords: Data compression | Source coding | Video coding
  ? 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: 7005276670;7003771007;12805791200;7003533474;8450642100
  ? Authoraffiliationids: 60025965;60025965;60025965;60023682;60023682
  ? Corresponding: Bernardini R.

43.
  ? Title: Frame-based multiple-description video coding with extended orthogonal filter banks
  ? Venue: Eurasip Journal on Applied Signal Processing
  ? Year: 2006
  ? Type: Journal
  ? Subtype: Article
  ? Citations: 7
  ? Doi: 10.1155/Asp/2006/53623

? Scopus ID: 2-s2.0-33645735424
? Issn: 11108657
? Volume: 2006
? Authors: Bernardini R.; Durigon M.; Rinaldo R.; Vitali A.; Zontone P.
? Source Id: 26646
? Author Ids: 7005276670;8450641800;7003771007;8450642100;12805791200
? Authoraffiliationids: 60025965;60025965;60025965;60023682;60025965
? Corresponding: Bernardini R.

44.
? Title: Bit allocation and quantizer optimization in Multiple Description coding with oversampled filterbanks
? Venue: Proceedings International Conference on Image Processing Icip
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Icip.2005.1530536
? Scopus ID: 2-s2.0-33749238012
? Issn: 15224880
? Volume: 3
? Pages: 3-892
? Authors: Bernardini R.; Rinaldo R.; Zontone P.; Celetto L.; Vitali A.
? 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: 7005276670;7003771007;12805791200;8450642000;8450642100
? Authoraffiliationids: 60025965;60025965;60025965;60023682;60023682
? Corresponding: Bernardini R.