

SCIARRONE ANDREA

Overview

? Unit: ICT
? Role: Professore associato
? Grade: Prof.Associato Legge 240/10 - t.pieno - classe 0
? SSD: IINF-03/A (Telecomunicazioni)
? Scopus ID: 36180166900
? Unige Id: 701245
? Retrieved at: 2025-11-14T15:17:58.154069

Contact

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Career

? Ar, 2014-01-02 ? 2017-09-30
? Cb, 2015-05-10 ? 2017-09-15
? Rd, 2017-10-01 ? 2024-02-29
? Pa, 2024-03-01 ? 2222-02-02

Teaching

2025

? Applied Telecommunications (114624), L-8 - Ingegneria Informatica
? Applied Telecommunications (114624), L-8 - Ingegneria Informatica
? App Multimediali E Internet Of Things (84490), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Telecommunication (101146), L-28 - Maritime Science And Technology
? Introduction To Telecommunications (114613), L-8 R - Ingegneria Informatica
? Python (118063), Lm-27 - Internet And Multimedia Engineering

2024

? Introduction To Telecommunications (114613), L-8 - Ingegneria Informatica
? App Multimediali E Internet Of Things (84490), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Telecommunication (101146), L-28 - Maritime Science And Technology

2023

? App Multimediali E Internet Of Things (84490), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Telecommunication (101146), L-28 - Maritime Science And Technology

2022

? App Multimediali E Internet Of Things (84490), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Telecommunication (101146), L-28 - Maritime Science And Technology

2021

? Elaborazione E Trasmissione Di Segnali E Immagini (72338), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? App Multimediali E Internet Of Things (84490), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
? Telecommunication (101146), L-28 - Maritime Science And Technology

2020

? App Multimediali E Internet Del Futuro (84490), L-8 - Ingegneria Elettronica E

Tecnologie Dell'Informazione

? Elaborazione E Trasmissione Di Segnali E Immagini (72338), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Telecommunication (101146), L-28 - Maritime Science And Technology

Scopus Metrics

? absolute; Docs: 101; Journals: 48; Conferences: 52; Citations: 1928; H-index: 26

? 15 years (2010-2025); Docs: 101; Journals: 48; Conferences: 52; Citations: 1928; H-index: 26

? 10 years (2015-2025); Docs: 92; Journals: 45; Conferences: 46; Citations: 1574; H-index: 21

? 05 years (2020-2025); Docs: 51; Journals: 26; Conferences: 24; Citations: 411; H-index: 9

Scopus Products

1.

? Title: Complete penoscrotal transposition in the male twin of a dichorionic diamniotic pregnancy from oocyte donation: a case report

? Venue: Perinatal Journal

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 0

? DOI: 10.59215/prn.25.0331009

? Scopus ID: 2-s2.0-105008346005

? eISSN: 13053124

? Volume: 33

? Issue: 1

? Pages: 46-49

? Authors: Leuzzi Beatrice; Pertusio Annasilvia; Garnero Andrea; Nappo Simona Gerocarni; Sciarrone Andrea

? Keywords: Complete penoscrotal transposition | megacystis | prenatal diagnosis

? Quartile:

2025:

? Pediatrics, Perinatology and Child Health (Q4, rank 312, percentile 10)

? Obstetrics and Gynecology (Q4, rank 196, percentile 9)

? Surgery (Q4, rank 550, percentile 7)

? Genetics (clinical) (Q4, rank 100, percentile 2)

? Source Id: 21101171779

? Author Ids: 58758401700;57074072900;57223905692;59949572500;36180166900

? Authoraffiliationids: 60012259;60012259;60012259;60004174;60012259

? Corresponding: Leuzzi B.

2.

? Title: Deep Learning Based Intelligent Tumor Analytics Framework for Quantitative Grading and Analyzing Cancer Metastasis: Case of Lymph Node Breast Cancer

? Venue: IEEE Transactions on Emerging Topics in Computing

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 1

? Doi: 10.1109/Tetc.2024.3487258

? Scopus ID: 2-s2.0-86000426043
? eISSN: 21686750
? Volume: 13
? Issue: 1
? Pages: 90-104
? Authors: Li Tengyue; Fong Simon; Wu Yaoyang; Zhang Xin; Song Qun; Qin Huafeng; Mohammed Sabah; Feng Tian; Gao Juntao; Sciarrone Andrea
? Keywords: cancer diagnosis | deep learning | histopathological imaging | intelligent tumor analytics (ITA) | Metastasis assessment | tumor grading standards
? 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: 57205420620;7102256353;57201988701;59177041600;57191331059;56992045000;57206398228;59412692100;57211321187;36180166900
? Authoraffiliationids: 60011186;60022317;60022317;132344552;60017236;60017236;60025949;60088081;60104026;60025153
? Corresponding: Li T.

3.

? 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/iotm.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.

4.

? 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.

5.

? 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.

- 6.
- ? Title: Robust Multi-Agent Collaborative Perception via Triple-Attention and Dynamic Gating
 - ? Venue: IEEE Vehicular Technology Conference
 - ? Year: 2025
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 0
 - ? DOI: 10.1109/VTC2025-Spring65109.2025.11174503
 - ? Scopus ID: 2-s2.0-105019058874
 - ? Issn: 15502252
 - ? Authors: Li Wei; Ma Lin; Sciarrone Andrea
 - ? Keywords: collaborative perception | dynamic gating mechanism | frequency attention | hybrid channel attention | spatial attention
 - ? 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: 60016184100;56377428300;36180166900
 - ? Authoraffiliationids: 60019616;60019616;60025153
 - ? Corresponding: Li W.
- 7.
- ? 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.
- 8.
- ? 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.

9.

? 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.

10.

? Title: Medical Digital Twin and IoT Devices: Monitoring Patients through Human-Centered Technologies
? Venue: IEEE Internet of Things Magazine
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 0
? Doi: 10.1109/Miot.2025.3591039
? Scopus ID: 2-s2.0-105011761595
? Issn: 25763180
? eISSN: 25763199
? Authors: Araniti Giuseppe; Garibotto Chiara; Jose Abey; Marcello Francesca; Pilloni Virginia; Sciarrone Andrea; Suraci Chiara; Zema Pietro; Zerbino Matteo

? Keywords: Assistive technology | CSI | Digital twin | Disabilities | Edge Computing | IoT

? 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: 6603175144;57053502600;58043237100;57867579400;54585796700;36180166900;57203093250;59536344200;58734922800

? Authoraffiliationids: 60020167-60103966;60103966-60025153;60032259;60103966-60032259;60103966-60032259;60103966-60025153;60020167-60103966;60020167;60025153

? Corresponding: Araniti G.

11.

? 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/IsCAS56072.2025.11043851

? 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.

12.

? 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.
13.
? 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.
14.
? Title: Illegal Sensing Suppression for Integrated Sensing and Communication System
? Venue: IEEE Internet of Things Journal
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 2
? Doi: 10.1109/Jiot.2024.3519313
? Scopus ID: 2-s2.0-105003672703
? eISSN: 23274662
? Volume: 12
? Issue: 9
? Pages: 11890-11903
? Authors: Jia Hanbo; Zhu Rangang; Sciarrone Andrea; Ma Lin
? Keywords: Beamforming design | convex optimization | Cram^r-Rao bound (CRB) |
integrated sensing and communication (ISAC) | target 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)
? Source Id: 21100338350
? Author Ids: 57212487028;57737734100;36180166900;56377428300
? Authoraffiliationids: 60019616;60024350;60025153;60019616
? Corresponding: Jia H.

15.

? 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.

16.

? 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.

17.

? 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.

18.

? 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.

19.

? 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.

20.

? 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.

21.

? 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.

22.

? 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.

23.

? 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.

24.

? 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.

25.

? 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.

26.

? 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.

27.

? 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.
- 28.
- ? 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.
- 29.
- ? 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.
- 30.
- ? 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.
- 31.
- ? 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/lcc45041.2023.10278730
 - ? 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.
- 32.
- ? 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

? Corresponding: Schenone V.

33.

? 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.

34.

? 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.

35.

? 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.

36.

? 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.

37.

? 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.

38.

? 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.

39.

? Title: Special issue ?wearable and ban sensors for physical rehabilitation and ehealth architectures?
? Venue: Sensors
? Year: 2021
? Type: Journal
? Subtype: Editorial
? Citations: 0
? DOI: 10.3390/s21248509
? Scopus ID: 2-s2.0-85121450068
? Issn: 14248220
? Volume: 21
? Issue: 24
? Authors: Domingues M. F[^]tima; Sciarrone Andrea; Radwan Ayman
? 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)
2021:
? Instrumentation (Q1, rank 12, percentile 91)
? Electrical and Electronic Engineering (Q1, rank 134, percentile 81)
? Atomic and Molecular Physics, and Optics (Q1, rank 42, percentile 79)
? Analytical Chemistry (Q1, rank 27, percentile 79)
? Information Systems (Q1, rank 77, percentile 78)
? Biochemistry (Q2, rank 145, percentile 66)
? Source Id: 130124
? Author Ids: 57195418153;36180166900;16240017400
? Authoraffiliationids: 60017375;60025153;60017375
? Corresponding: Domingues M.F.

40.

? 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.

41.

? Title: The Future of eHealth: Applications, Solutions, and New Visions in the IoT Era
? Venue: IEEE Wireless Communications
? Year: 2021
? Type: Journal
? Subtype: Editorial
? Citations: 3
? Doi: 10.1109/Mwc.2021.9490596
? Scopus ID: 2-s2.0-85111104069
? Issn: 15361284
? eISSN: 15580687
? Volume: 28
? Issue: 3
? Pages: 4-5
? Authors: Sciarrone Andrea; Rodrigues Joel J.P.C.; Wu Dan; Chen Jia
? 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: 36180166900;25930566300;57226310213;57226317283
? Authoraffiliationids: 60025153;60027064;60226539;126630495
? Corresponding: Sciarrone A.

42.

? 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.

43.

? 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.

44.

? 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.

45.

? 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;60025153;126296272;126296272;126484083;126484083
 ? Corresponding: Sciarrone A.
46.
 ? 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.
47.
 ? 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.
48.
 ? 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.

49.

? 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.

50.

? 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.

51.

? 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.

52.

? 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.

53.

? 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.

54.

? 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.

55.

? 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/lcc.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.

56.

? 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.

57.

? 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.

58.

? Title: Fast Multiattribute Network Selection Technique for Vertical Handover in Heterogeneous Emergency Communication Systems
? Venue: Wireless Communications and Mobile Computing
? Year: 2019
? Type: Journal
? Subtype: Article
? Citations: 15
? Doi: 10.1155/2019/8587932
? Scopus ID: 2-s2.0-85065242053
? Issn: 15308669
? eISSN: 15308677
? Volume: 2019
? Authors: Bisio Igor; Sciarrone Andrea
? Quartile:
2019:
? Electrical and Electronic Engineering (Q2, rank 273, percentile 59)
? Computer Networks and Communications (Q2, rank 127, percentile 58)
? Information Systems (Q2, rank 135, percentile 55)
? Source Id: 17543
? Author Ids: 8546192900;36180166900
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bisio I.

59.

? 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.
- 60.
- ? 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;36180166900;57038817000
 - ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
 - ? Corresponding: Bisio I.
- 61.
- ? 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.

62.

? 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.

63.

? 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.

64.

? 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.

65.

? Title: WiFi Meets Barometer: Smartphone-Based 3D Indoor Positioning Method

? Venue: IEEE International Conference on Communications

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper
? Citations: 20
? Doi: 10.1109/lcc.2018.8422989
? Scopus ID: 2-s2.0-85051423213
? Issn: 15503607
? Volume: 2018-May
? Authors: Bisio Igor; Sciarrone Andrea; Bedogni Luca; Bononi Luciano
? Source Id: 33201
? Author Ids: 8546192900;36180166900;54580586400;6603564866
? Authoraffiliationids: 60025153;60025153;60028218;60028218
? Corresponding: Bisio I.

66.

? 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.

67.

? 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.

68.

? Title: Joint Coding and Multicast Subgrouping over Satellite-eMBMS Networks
? Venue: IEEE Journal on Selected Areas in Communications
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 40
? Doi: 10.1109/Jsac.2018.2832818
? Scopus ID: 2-s2.0-85046395117
? Issn: 07338716
? Volume: 36
? Issue: 5
? Pages: 1004-1016
? Authors: Araniti Giuseppe; Bisio Igor; De Sanctis Mauro; Rinaldi Federica; Sciarrone Andrea
? Keywords: application layer coding | eMBMS | live TV streaming | Mobile satellite communications | MSS | multicast transmission | satellite LTE | video streaming
? Quartile:
2025:
? Computer Networks and Communications (Q1, rank 4, percentile 99)
? Electrical and Electronic Engineering (Q1, rank 8, percentile 99)
2018:
? Computer Networks and Communications (Q1, rank 3, percentile 99)
? Electrical and Electronic Engineering (Q1, rank 11, percentile 98)
? Source Id: 18902
? Author Ids: 6603175144;8546192900;58896944500;57201579816;36180166900
? Authoraffiliationids: 60020167;60025153;60027509;60020167;60025153
? Corresponding: Araniti G.

69.

? 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.

70.

? 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.

71.

? 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.

72.

? 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.

73.

? 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.

74.

? 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.

75.

? 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.

76.

? 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.

77.

? 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.

78.

? 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.

79.

? 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.

80.

? 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;60025153
? Corresponding: Bisio I.

81.

? 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.

82.

? 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.

83.

? Title: A new asset tracking architecture integrating RFID, Bluetooth Low Energy tags and ad hoc smartphone applications
? Venue: Pervasive and Mobile Computing
? Year: 2016
? Type: Journal
? Subtype: Article
? Citations: 39
? DOI: 10.1016/j.pmcj.2016.01.002
? Scopus ID: 2-s2.0-84957674141
? Issn: 15741192
? Volume: 31
? Pages: 79-93
? Authors: Bisio Igor; Sciarrone Andrea; Zappatore Sandro
? Keywords: Android smartphones | Asset tracking | Bluetooth Low Energy (BLE) tag | Energy consumption | RFID tag
? 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;36180166900;6602811400
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

84.

? Title: Enabling smartphone-centric platforms for in-home rehabilitation: A comparison among movement recognition approaches
? Venue: 2016 IEEE International Conference on Communications Icc 2016
? Year: 2016
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Icc.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.

85.

? 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.

86.

? 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.

87.

? 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.

88.

? Title: Asset tracking architecture with Bluetooth Low Energy tags and ad hoc smartphone applications
? Venue: 2015 European Conference on Networks and Communications Eucnc 2015
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 7
? DOI: 10.1109/EuCNC.2015.7194118
? Scopus ID: 2-s2.0-84955442242
? Pages: 460-464
? Authors: Bisio Igor; Sciarrone Andrea; Zappatore Sandro
? Source Id: 21100440515
? Author Ids: 8546192900;36180166900;6602811400
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

89.

? 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.

90.

? Title: Asset tracking solution with BLE and smartphones: An energy/position accuracy trade-off
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? DOI: 10.1109/glocom.2015.7417782
? Scopus ID: 2-s2.0-84964875897
? Issn: 23340983
? eISSN: 25766813
? Authors: Bisio Igor; 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;36180166900;6602811400
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

91.

? 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.

92.

? 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.
- 93.
- ? 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.
- 94.
- ? 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.

95.

? 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.

96.

? 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.

97.

? 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.

98.

? 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.

99.

? 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/lcc.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.

100.

? 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.

101.

? 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/lswpc.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.