

# 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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- ? Page: <https://rubrica.unige.it/personale/UkNGWV5s>
- ? Locations: Opera Pia - padiglione E (ED161450402), 3° piano, US161450402.III.001

## 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 Annasilia; 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;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/Icc52391.2025.11161454
  - ? 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/Icc52391.2025.11160982
  - ? 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; Iscra 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 | Cramér-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 Aiots 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  
? 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
- ? 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/Icc45041.2023.10278730  
? Scopus ID: 2-s2.0-85178284176  
? Issn: 15503607  
? Volume: 2023-May  
? Pages: 2166-2172  
? Authors: Zerbino Matteo; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea  
? Keywords: Compressive Sensing (CS) | Inertial Signals | Infrastructural Monitoring | IoT node | Signal Processing  
? Source Id: 33201  
? Author Ids: 58734922800;8546192900;57053502600;7004136693;36180166900  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Zerbino M.

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;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^jtima; 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;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/Icc40277.2020.9149017  
? 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/EuCp48036.2020.9135211

? 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/Icc.2019.8761556  
? Scopus ID: 2-s2.0-85070234991  
? Issn: 15503607  
? Volume: 2019-May  
? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea  
? Keywords: Access Point | Mobile devices. | Place recognition | Smartphone | WiFi Fingerprint  
? Source Id: 33201  
? Author Ids: 8546192900;57053502600;7004136693;36180166900  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bisio I.

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

? 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/Icc.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/Icc.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;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/Icc.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 LBSSs  
? 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.