BISIO IGOR

Overview
? Unit: ICT
? Role: Professore ordinario
? Grade: Prof.Ordinario Legge 240/10 - t.pieno - classe 0
? SSD: IINF-03/A (Telecomunicazioni)
? Scopus ID: 8546192900
? Unige Id: 700733
? Retrieved at: 2025-11-14T15:17:03.712257

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Career
? Ru, 2012-05-01 ? 2018-07-31
? Pa, 2018-08-01 ? 2023-10-31
? Po, 2023-11-01 ? 2222-02-02

Teaching
2025
? Elaborazione E Trasmissione Di Segnali E Immagini (72338), L-8 - Ingegneria Elettronica
E Tecnologie Dell'Informazione
? 5g, Cloud And Iot (104773), Lm-27 - Internet And Multimedia Engineering
? 5g, Cloud And Iot (104773), Lm-27 - Internet And Multimedia Engineering
? Telecomunicazioni (97168), L-9 - Ingegneria Gestionale

2024
? Elaborazione E Trasmissione Di Segnali E Immagini (72338), L-8 - Ingegneria Elettronica
E Tecnologie Dell'Informazione
? Internet Technologies And Machine Learning For Transport And Logistics (90453), Lm-26 -
Safety Engineering For Transport, Logistics And Production
? 5g, Cloud And Iot (104773), Lm-27 - Internet And Multimedia Engineering
? 5g, Cloud And Iot (104773), Lm-27 - Internet And Multimedia Engineering
? Telecomunicazioni (97168), L-9 - Ingegneria Gestionale

2023
? Elaborazione E Trasmissione Di Segnali E Immagini (72338), L-8 - Ingegneria Elettronica
E Tecnologie Dell'Informazione
? Internet Technologies And Machine Learning For Transport And Logistics (90453), Lm-26 -
Safety Engineering For Transport, Logistics And Production
? 5g, Cloud And Iot (104773), Lm-27 - Internet And Multimedia Engineering
? Telecomunicazioni (97168), L-9 - Ingegneria Gestionale

2022
? Yacht Navigation Support Systems (66396), Lm-34 - Yacht Design
? Elaborazione E Trasmissione Di Segnali E Immagini (72338), L-8 - Ingegneria Elettronica
E Tecnologie Dell'Informazione
? Telecommunications Networks (90453), Lm-26 - Safety Engineering For Transport, Logistics
 And Production
? 5g, Cloud And Iot (104773), Lm-27 - Internet And Multimedia Engineering

2021
? Yacht Navigation Support Systems (66396), Lm-34 - Yacht Design
? App Multimediali E Internet Of Things (84490), L-8 - Ingegneria Elettronica E Tecnologie
 Dell'Informazione
? Telecommunications Networks (90453), Lm-26 - Safety Engineering For Transport, Logistics
 And Production
? 5g, Cloud And Iot (104773), Lm-27 - Internet And Multimedia Engineering

2020
? Yacht Navigation Support Systems (66396), Lm-34 - Yacht Design
? App Multimediali E Internet Del Futuro (84490), L-8 - Ingegneria Elettronica E
Tecnologie Dell'Informazione
? Telecommunications Networks (90453), Lm-26 - Safety Engineering For Transport, Logistics
 And Production
? 5g, Cloud And Iot (104850), Lm-27 - Internet And Multimedia Engineering

Scopus Metrics
? absolute; Docs: 175; Journals: 67; Conferences: 98; Citations: 3658; H-index: 33
? 15 years (2010-2025); Docs: 144; Journals: 61; Conferences: 75; Citations: 3385;
H-index: 31
? 10 years (2015-2025); Docs: 105; Journals: 49; Conferences: 52; Citations: 2642;
H-index: 25
? 05 years (2020-2025); Docs: 47; Journals: 22; Conferences: 24; Citations: 480; H-index:
11

Scopus Products
1.
  ? Title: AI-Enabled Internet of Medical Things: Architectural Framework and Case
  Studies
  ? Venue: IEEE Internet of Things Magazine
  ? Year: 2025
  ? Type: Journal
  ? Subtype: Article
  ? Citations: 1
  ? Doi: 10.1109/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;228
  36045400;36180166900;58734922800
  ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;

60025153-129430806;60025153
? Corresponding: Bisio I.

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

3.
? Title: Analyzing Broadcast Patterns and Randomization Techniques in Wi-Fi Probe Request Frames
? Venue: IEEE Network
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 1
? Doi: 10.1109/Mnet.2024.3479457
? Scopus ID: 2-s2.0-85207382710
? Issn: 08908044
? eISSN: 1558156X
? Volume: 39
? Issue: 4
? Pages: 228-234
? Authors: Nozari Sheida; Garibotto Chiara; Sciarrone Andrea; Bisio Igor; Lavagetto Fabio
? Keywords: MAC randomization | Probe Requests | Wi-Fi Frame
? Quartile:
 2025:
 ? Hardware and Architecture (Q1, rank 11, percentile 95)
 ? Computer Networks and Communications (Q1, rank 31, percentile 94)
 ? Software (Q1, rank 37, percentile 92)

? Information Systems (Q1, rank 42, percentile 91)
? Source Id: 27239
? Author Ids: 57302361700;57053502600;36180166900;8546192900;7004136693
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Nozari S.

4.
? Title: AI-Driven Estimation of Breathing Frequency Through CSI Analysis
? Venue: IEEE International Conference on Communications
? Year: 2025
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/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.

5.
? Title: Comparison of Sensing Capabilities Using Different CSI Detection Tools
? Venue: IEEE International Conference on Communications
? Year: 2025
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/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.

6.
? Title: Deep at the Edge: AI-Driven Signal Compression for Structural Health Monitoring in Symbiotic IoT Systems
? Venue: IEEE Internet of Things Journal
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 0

7.

8.

? Scopus ID: 2-s2.0-105006458154
? Issn: 15253511
? Authors: Nozari Sheida; Garibotto Chiara; Sciarrone Andrea; Bisio Igor; Lavagetto Fabio
? Keywords: crowd monitoring | MAC randomization | probe requests | Wi-Fi frame
? Quartile:
  2025:
  ? Engineering (all) (Q2, rank 148, percentile 57)
? Source Id: 145653
? Author Ids: 57302361700;57053502600;36180166900;8546192900;7004136693
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Nozari S.

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

10.
? Title: RF/WiFi-based UAV surveillance systems: A systematic literature review
? Venue: Internet of Things Netherlands
? Year: 2024
? Type: Journal
? Subtype: Review
? Citations: 14
? DOI: 10.1016/j.iot.2024.101201
? Scopus ID: 2-s2.0-85192971175
? eISSN: 25426605
? Volume: 26

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

? Keywords: Detection | Drone | Safety | Surveillance | Tracking

? Quartile:

  2025:

  ? Hardware and Architecture (Q1, rank 7, percentile 97)

  ? Computer Science (miscellaneous) (Q1, rank 7, percentile 96)

  ? Engineering (miscellaneous) (Q1, rank 14, percentile 95)

  ? Information Systems (Q1, rank 27, percentile 94)

  ? Software (Q1, rank 28, percentile 94)

  ? Computer Science Applications (Q1, rank 56, percentile 94)

  ? Management of Technology and Innovation (Q1, rank 21, percentile 93)

  ? Artificial Intelligence (Q1, rank 42, percentile 91)

  2024:

  ? Engineering (miscellaneous) (Q1, rank 15, percentile 94)

  ? Computer Science (miscellaneous) (Q1, rank 10, percentile 94)

  ? Hardware and Architecture (Q1, rank 15, percentile 93)

  ? Computer Science Applications (Q1, rank 76, percentile 92)

  ? Software (Q1, rank 42, percentile 91)

  ? Information Systems (Q1, rank 42, percentile 91)

  ? Management of Technology and Innovation (Q1, rank 32, percentile 89)

  ? Artificial Intelligence (Q1, rank 54, percentile 88)

 ? Source Id: 21101058910

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

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

 ? Corresponding: Bisio I.

11.

 ? Title: SHM With Low-Cost, Low-Energy, and Low-Rate IoT Devices: Reducing Transmission Burden With Compressive Sensing

 ? Venue: IEEE Internet of Things Journal

 ? Year: 2024

 ? Type: Journal

 ? Subtype: Article

 ? Citations: 4

 ? Doi: 10.1109/Jiot.2024.3390803

 ? Scopus ID: 2-s2.0-85190758736

 ? eISSN: 23274662

 ? Volume: 11

 ? Issue: 13

 ? Pages: 24323-24333

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

 ? Keywords: Compressive sensing (CS) | inertial signals | IoT | signal processing | structural health monitoring (SHM)

 ? Quartile:

  2025:

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

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

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

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

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

  2024:

  ? Hardware and Architecture (Q1, rank 6, percentile 97)

  ? Computer Networks and Communications (Q1, rank 16, percentile 96)

- ? Signal Processing (Q1, rank 8, percentile 95)
- ? Information Systems (Q1, rank 21, percentile 95)
- ? Computer Science Applications (Q1, rank 45, percentile 95)
- ? Source Id: 21100338350
- ? Author Ids: 8546192900;57053502600;6603286614;7004136693;36180166900;58734922800
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
- ? Corresponding: Bisio I.

12.
- ? Title: Vehicular/Non-Vehicular Multi-Class Multi-Object Tracking in Drone-Based Aerial Scenes
- ? Venue: IEEE Transactions on Vehicular Technology
- ? Year: 2024
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 9
- ? Doi: 10.1109/Tvt.2023.3332132
- ? Scopus ID: 2-s2.0-85178077060
- ? Issn: 00189545
- ? eISSN: 19399359
- ? Volume: 73
- ? Issue: 4
- ? Pages: 4961-4977
- ? Authors: Bisio Igor; Garibotto Chiara; Haleem Halar; Lavagetto Fabio; Sciarrone Andrea
- ? Keywords: Aerial scenes | data association | drones | multi-object tracking (MOT)
- ? Quartile:
  - 2025:
  - ? Aerospace Engineering (Q1, rank 5, percentile 97)
  - ? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)
  - ? Automotive Engineering (Q1, rank 9, percentile 93)
  - ? Computer Networks and Communications (Q1, rank 38, percentile 93)
  - 2024:
  - ? Aerospace Engineering (Q1, rank 5, percentile 97)
  - ? Automotive Engineering (Q1, rank 8, percentile 94)
  - ? Electrical and Electronic Engineering (Q1, rank 68, percentile 93)
  - ? Computer Networks and Communications (Q1, rank 38, percentile 92)
- ? Source Id: 17393
- ? Author Ids: 8546192900;57053502600;57223037986;7004136693;36180166900
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
- ? Corresponding: Bisio I.

13.
- ? Title: Replacing Force Plates with IMU-based SmartGlasses for Balance Assessment
- ? Venue: 2024 IEEE International Conference on E Health Networking Application and Services Healthcom 2024
- ? Year: 2024
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 0
- ? Doi: 10.1109/Healthcom60970.2024.10880807
- ? Scopus ID: 2-s2.0-85219635071
- ? Authors: Haleem Halar; Shahid Muhammad; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Nozari Sheida; Sciarrone Andrea; Hamedani Mehrnaz; Schenone Angelo
- ? Keywords: balance assessment | force platform | IMUs | machine learning | motor control | risk of fall | smart-glasses

? Source Id: 21101278600

? Author Ids: 57223037986;57189684334;8546192900;57053502600;7004136693;57302361700;36180166900;57219039113;22836045400

? Authoraffiliationids: 60025153;60025153;60025153-130272028;60025153-130272028;60025153-130272028;60025153;60025153-130272028;60025153;60025153-130272028

? Corresponding: Haleem H.

14.

? Title: A Novel Lebesgue-Space Inversion Approach for Microwave Stroke Imaging

? Venue: 2024 IEEE International Conference on Metrology for Extended Reality Artificial Intelligence and Neural Engineering Metroxraine 2024 Proceedings

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? DOI: 10.1109/MetroXRAINE62247.2024.10796016

? Scopus ID: 2-s2.0-85216088017

? Pages: 107-112

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

? Keywords: inverse scattering | Microwave imaging | mild-data driven approach | stroke imaging

? Source Id: 21101271412

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

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

? Corresponding: Schenone V.

15.

? Title: Numerical Assessment of a Microwave Imaging Technique for Pediatric Stroke Diagnostics

? Venue: Proceedings of the International Conference on Electromagnetics in Advanced Applications Iceaa

? Year: 2024

? Type: Journal

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1109/Iceaa61917.2024.10701636

? Scopus ID: 2-s2.0-85208714502

? Issn: 28351355

? eISSN: 27662284

? Issue: 2024

? Pages: 596

? Authors: Schenone Valentina; Fedeli Alessandro; Parodi Costanza; Bisio Igor; Sciarrone Andrea; Rossi Andrea; Lavagetto Fabio; Randazzo Andrea

? Quartile:

2025:

? Instrumentation (Q4, rank 164, percentile 13)

? Radiation (Q4, rank 66, percentile 10)

? Computer Networks and Communications (Q4, rank 492, percentile 10)

? Electrical and Electronic Engineering (Q4, rank 908, percentile 9)

2024:

? Instrumentation (Q4, rank 166, percentile 4)

? Computer Networks and Communications (Q4, rank 487, percentile 4)

? Electrical and Electronic Engineering (Q4, rank 933, percentile 3)

? Radiation (Q4, rank 65, percentile 3)

? Source Id: 21101257984
? Author Ids: 57216360162;55512997500;57566447600;8546192900;36180166900;7403475016;7004136693;7006280562
? Authoraffiliationids: 60025153;60025153;60016041;60025153;60025153;60016041;60025153;60025153
? Corresponding: Schenone V.

16.
? Title: Model-Independent Approach for Long-Tail Object Detection in Aerial Imagery
? Venue: Proceedings 2024 IEEE Annual Congress on Artificial Intelligence of Things Aiot 2024
? Year: 2024
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? DOI: 10.1109/AIoT63253.2024.00025
? Scopus ID: 2-s2.0-85205958648
? Pages: 78-80
? Authors: Haleem Halar; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea
? Keywords: long-tail | object detection | weighting strategy
? Source Id: 21101252543
? Author Ids: 57223037986;8546192900;57053502600;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Haleem H.

17.
? Title: Towards Sensorized Glasses: A Smart Wearable System for Head Movement Monitoring
? Venue: 2024 9th International Conference on Smart and Sustainable Technologies Splitech 2024
? Year: 2024
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? DOI: 10.23919/SpliTech61897.2024.10612333
? Scopus ID: 2-s2.0-85202449604
? Authors: Bisio Igor; Garibotto Chiara; Hamedani Mehrnaz; Lavagetto Fabio; Schenone Angelo; Sciarrone Andrea; Shahid Muhammad
? Keywords: Head movement | Health monitoring | IMU | IoT | Machine Learning | Multivariate time series
? Source Id: 21101245170
? Author Ids: 8546192900;57053502600;57219039113;7004136693;22836045400;36180166900;57189684334
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153-130390328;60025153
? Corresponding: Bisio I.

18.
? Title: Performance Evaluation of Machine/Deep Learning-Based Object Recognition Techniques Leveraging Channel State Information Using a Real Testbed
? Venue: IEEE Access
? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 1
? Doi: 10.1109/Access.2024.3428612

? Scopus ID: 2-s2.0-85199114500
? eISSN: 21693536
? Volume: 12
? Pages: 98680-98692
? Authors: Bisio Igor; Fallani Caterina; Garibotto Chiara; Grattarola Aldo; Lavagetto Fabio; Sciarrone Andrea; Zappatore Sandro; Zerbino Matteo
? Keywords: Classification | CSI | deep learning | machine learning | object detection | object recognition | WiFi
? Quartile:
 2025:
 ? Engineering (all) (Q1, rank 42, percentile 88)
 ? Computer Science (all) (Q1, rank 41, percentile 83)
 ? Materials Science (all) (Q1, rank 101, percentile 78)
 2024:
 ? Engineering (all) (Q1, rank 32, percentile 90)
 ? Computer Science (all) (Q1, rank 33, percentile 86)
 ? Materials Science (all) (Q1, rank 87, percentile 81)
 ? Source Id: 21100374601
 ? Author Ids: 8546192900;59226255200;57053502600;6603286614;7004136693;36180166900;6602811400;58734922800
 ? Authoraffiliationids:
 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
 ? Corresponding: Bisio I.
19.
 ? Title: Dynamic Identification of a Lightly Damped Slender Structure Using Compressive Sensing
 ? Venue: IEEE Access
 ? Year: 2024
 ? Type: Journal
 ? Subtype: Article
 ? Citations: 1
 ? Doi: 10.1109/Access.2024.3411296
 ? Scopus ID: 2-s2.0-85195383074
 ? eISSN: 21693536
 ? Volume: 12
 ? Pages: 153171-153180
 ? Authors: Zerbino Matteo; Orlando Andrea; Bisio Igor; Pagnini Luisa C.
 ? Keywords: Compressive sensing | modal parameters | operational modal analysis | structural monitoring | vertical slender structures
 ? 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: 58734922800;57221934466;8546192900;55665875600
 ? Authoraffiliationids: 60025153;60025153;60025153;60025153
 ? Corresponding: Zerbino M.
20.
 ? 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;700
4136693;7006280562
? Authoraffiliationids:
60025153;60025153;60016041;60025153;60025153;60016041;60025153;60025153
? Corresponding: Schenone V.

21.
? 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.
22.
? 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.

23.
  ? 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.

24.
? Title: Feet Pressure Prediction from Lower Limbs IMU Sensors for Wearable Systems in Remote Monitoring Architectures
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2023
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Globecom54140.2023.10437695
? Scopus ID: 2-s2.0-85187399878
? Issn: 23340983
? eISSN: 25766813
? Pages: 492-497
? Authors: Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Shahid Muhammad
? Keywords: eHealth | Foot Pressure sensing | IoT | Statistical machine Learning | Stroke Rehabilitation
? Quartile:
  2025:
  ? Signal Processing (Q2, rank 90, percentile 54)
  ? Computer Networks and Communications (Q2, rank 260, percentile 52)
  ? Artificial Intelligence (Q3, rank 262, percentile 47)
  ? Hardware and Architecture (Q3, rank 129, percentile 45)
? Source Id: 21101199922
? Author Ids: 8546192900;57053502600;7004136693;57189684334
? Authoraffiliationids: 60025153-129430806;60025153-129430806;60025153-129430806;60025153-129430806
? Corresponding: Bisio I.

25.
? 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.

26.
- ? Title: A Multifrequency Inverse-Scattering Technique for Brain Stroke Microwave Diagnostics
- ? Venue: 2023 IEEE International Conference on Metrology for Extended Reality Artificial Intelligence and Neural Engineering Metroxraine 2023 Proceedings
- ? Year: 2023
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 1
- ? DOI: 10.1109/MetroXRAINE58569.2023.10405642
- ? Scopus ID: 2-s2.0-85185819357
- ? Pages: 502-506
- ? Authors: Fedeli Alessandro; Maheswaran Maurica; Schenone Valentina; Sciarrone Andrea; Bisio Igor; Lavagetto Fabio; Pastorino Matteo; Randazzo Andrea; Estatico Claudio
- ? Keywords: Brain stroke | inverse scattering | microwave imaging
- ? Source Id: 21101202153
- ? Author Ids: 55512997500;58902474300;57216360162;36180166900;8546192900;7004136693;7004880389;7006280562;9739222400
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
- ? Corresponding: Fedeli A.

27.
- ? 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;700

4136693;7006280562
? Authoraffiliationids:
60025153;60025153;60016041;60025153;60025153;60016041;60025153;60025153
? Corresponding: Schenone V.

28.
? 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.

29.
? 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.

30.
? Title: Performance Evaluation and Analysis of Drone-Based Vehicle Detection Techniques From Deep Learning Perspective
? Venue: IEEE Internet of Things Journal
? Year: 2022
? Type: Journal
? Subtype: Article
? Citations: 41
? Doi: 10.1109/Jiot.2021.3128065

? Scopus ID: 2-s2.0-85133278261
? eISSN: 23274662
? Volume: 9
? Issue: 13
? Pages: 10920-10935
? Authors: Bisio Igor; Haleem Halar; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea
? Keywords: Aerial view | deep learning | drones | traffic monitoring | vehicle detection
? Quartile:
  2025:
  ? Computer Networks and Communications (Q1, rank 20, percentile 96)
  ? Hardware and Architecture (Q1, rank 9, percentile 96)
  ? Signal Processing (Q1, rank 12, percentile 94)
  ? Computer Science Applications (Q1, rank 62, percentile 93)
  ? Information Systems (Q1, rank 32, percentile 93)
  2022:
  ? Signal Processing (Q1, rank 3, percentile 97)
  ? Computer Science Applications (Q1, rank 18, percentile 97)
  ? Computer Networks and Communications (Q1, rank 11, percentile 97)
  ? Hardware and Architecture (Q1, rank 6, percentile 96)
  ? Information Systems (Q1, rank 14, percentile 96)
? Source Id: 21100338350
? Author Ids: 8546192900;57223037986;57053502600;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.
31.
? Title: Innovative Flying Strategy based on Drone Energy Profile: an Application for Traffic Monitoring
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1109/Globecom48099.2022.10001318
? Scopus ID: 2-s2.0-85146967488
? Issn: 23340983
? eISSN: 25766813
? Pages: 5892-5898
? Authors: Bisio Igor; Haleem Halar; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea
? Keywords: communication | drone | energy consumption | flight time
? Quartile:
  2025:
  ? Signal Processing (Q2, rank 90, percentile 54)
  ? Computer Networks and Communications (Q2, rank 260, percentile 52)
  ? Artificial Intelligence (Q3, rank 262, percentile 47)
  ? Hardware and Architecture (Q3, rank 129, percentile 45)
? Source Id: 21101199922
? Author Ids: 8546192900;57223037986;57053502600;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.
32.
? Title: Accuracy-Versus-Energy Evaluation in Drone-Based Video Processing for Object

Detection
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Globecom48099.2022.10000961
? Scopus ID: 2-s2.0-85146965323
? Issn: 23340983
? eISSN: 25766813
? Pages: 5886-5891
? Authors: Bisio Igor; Haleem Halar; Garibotto Chiara; Lavagetto Fabio; Sciarrone Andrea
? Keywords: communication | deep learning | detection | drone | energy profile | video processing
? Quartile:
  2025:
  ? Signal Processing (Q2, rank 90, percentile 54)
  ? Computer Networks and Communications (Q2, rank 260, percentile 52)
  ? Artificial Intelligence (Q3, rank 262, percentile 47)
  ? Hardware and Architecture (Q3, rank 129, percentile 45)
? Source Id: 21101199922
? Author Ids: 8546192900;57223037986;57053502600;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.
33.
  ? Title: A Systematic Review of Drone Based Road Traffic Monitoring System
  ? Venue: IEEE Access
  ? Year: 2022
  ? Type: Journal
  ? Subtype: Review
  ? Citations: 75
  ? Doi: 10.1109/Access.2022.3207282
  ? Scopus ID: 2-s2.0-85139434245
  ? eISSN: 21693536
  ? Volume: 10
  ? Pages: 101537-101555
  ? Authors: Bisio Igor; Garibotto Chiara; Haleem Halar; Lavagetto Fabio; Sciarrone Andrea
  ? Keywords: Deep learning | drone | smart city | traffic monitoring | UAV
  ? Quartile:
   2025:
   ? Engineering (all) (Q1, rank 42, percentile 88)
   ? Computer Science (all) (Q1, rank 41, percentile 83)
   ? Materials Science (all) (Q1, rank 101, percentile 78)
   2022:
   ? Engineering (all) (Q1, rank 22, percentile 92)
   ? Computer Science (all) (Q1, rank 25, percentile 89)
   ? Materials Science (all) (Q1, rank 78, percentile 82)
  ? Source Id: 21100374601
  ? Author Ids: 8546192900;57053502600;57223037986;7004136693;36180166900
  ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
  ? Corresponding: Bisio I.
34.

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

35.
? Title: On the Localization of Wireless Targets: A Drone Surveillance Perspective
? Venue: IEEE Network
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 43
? Doi: 10.1109/Mnet.011.2000648
? Scopus ID: 2-s2.0-85104680444
? Issn: 08908044
? eISSN: 1558156X
? Volume: 35
? Issue: 5
? Pages: 249-255
? Authors: Bisio Igor; Garibotto Chiara; Haleem Halar; Lavagetto Fabio; Sciarrone Andrea
? Quartile:
  2025:
  ? Hardware and Architecture (Q1, rank 11, percentile 95)
  ? Computer Networks and Communications (Q1, rank 31, percentile 94)
  ? Software (Q1, rank 37, percentile 92)
  ? Information Systems (Q1, rank 42, percentile 91)
  2021:
  ? Hardware and Architecture (Q1, rank 3, percentile 98)
  ? Computer Networks and Communications (Q1, rank 6, percentile 98)
  ? Information Systems (Q1, rank 8, percentile 97)
  ? Software (Q1, rank 11, percentile 97)
? Source Id: 27239
? Author Ids: 8546192900;57053502600;57223037986;7004136693;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

36.
? Title: Two Ways for Early Detection of a Stroke through a Wearable Smart Helmet: Signal Processing vs. Electromagnetism
? Venue: IEEE Wireless Communications
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 12
? Doi: 10.1109/Mwc.001.2000401
? Scopus ID: 2-s2.0-85111168674

? Authors: Bisio Igor; Fedeli Alessandro; Garibotto Chiara; Lavagetto Fabio; Pastorino Matteo; Randazzo Andrea
? Quartile:
  2025:
  ? Electrical and Electronic Engineering (Q1, rank 24, percentile 97)
  ? Computer Science Applications (Q1, rank 29, percentile 97)
  2021:
  ? Computer Science Applications (Q1, rank 5, percentile 99)
  ? Electrical and Electronic Engineering (Q1, rank 10, percentile 98)
? Source Id: 18935
? Author Ids: 8546192900;55512997500;57053502600;7004136693;7004880389;7006280562
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

37.
? Title: Leveraging IoT Wearable Technology towards Early Diagnosis of Neurological Diseases
? Venue: IEEE Journal on Selected Areas in Communications
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 26
? Doi: 10.1109/Jsac.2020.3021573
? Scopus ID: 2-s2.0-85091390862
? Authors: Sciarrone Andrea; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Staude Gerhard H.; Knopp Andreas
? Keywords: eHealth | eye blink | glasses | IoT | neurological diseases | signal processing | wearable technology
? Quartile:
  2025:
  ? Computer Networks and Communications (Q1, rank 4, percentile 99)
  ? Electrical and Electronic Engineering (Q1, rank 8, percentile 99)
  2021:
  ? Computer Networks and Communications (Q1, rank 3, percentile 99)
  ? Electrical and Electronic Engineering (Q1, rank 14, percentile 98)
? Source Id: 18902
? Author Ids: 36180166900;8546192900;57053502600;7004136693;55982299700;23566953300
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60018276;60018276
? Corresponding: Sciarrone A.

38.
? Title: Drone surveillance system-RF/WiFi-based drone detection, localization, and tracking: A survey
? Venue: Aviation Cybersecurity Foundations Principles and Applications
? Year: 2021
? Type: Book

   ? Subtype: Book Chapter
   ? Citations: 4
   ? DOI: 10.1049/sbra545e_ch3
   ? Scopus ID: 2-s2.0-85136383866
   ? Pages: 49-81
   ? Authors: Bisio Igor; Garibotto Chiara; Haleem Halar; Lavagetto Fabio; Sciarrone Andrea
   ? Source Id: 21101102418
   ? Author Ids: 8546192900;57053502600;57223037986;7004136693;36180166900
   ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
   ? Corresponding: Bisio I.

39.
   ? Title: VisDrone-MOT2021: The Vision Meets Drone Multiple Object Tracking Challenge Results
   ? Venue: Proceedings of the IEEE International Conference on Computer Vision
   ? Year: 2021
   ? Type: Conference Proceeding
   ? Subtype: Conference Paper
   ? Citations: 37
   ? Doi: 10.1109/Iccvw54120.2021.00318
   ? 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;55509658400;35779388800;22735702300;24450644400;8710996600;7403214664;55512872300;36180166900;57746184100;57053502600;57196243655;7004136693;57223037986;57339481700;7003483541;58594220200;57207104383;8546192900;7202411314;58503803100;56719255100;23987776700;57215774011;57222165705;58835819100;57417210700;55653877900;57215430277;57417298400;57188644531;57210633943
   ? Authoraffiliationids: 60019533;60025858;60008592;60008592;60013983;60003977;60064143;60019533;60025858;60003977;60018933;60019533;60008592;60025153;60003970;60025153;60007511;60025153;60025153;114935376;60104488;60007511;60007511;60025153;60007511;60003970;60007511;60068688;60023932;60016930;60007511;60003970;60068688;126541304;60016930;126541304;126541304
   ? Corresponding: Chen G.

40.
   ? Title: Early detection of external neurological symptoms through a wearable smart-

glasses prototype
? Venue: Journal of Communications Software and Systems
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 3
? DOI: 10.24138/jcomss-2021-0071
? Scopus ID: 2-s2.0-85108696406
? Issn: 18456421
? eISSN: 18466079
? Volume: 17
? Issue: 2
? Pages: 160-168
? Authors: Sciarrone Andrea; Bisio Igor; Garibotto Chiara; Lavagetto Fabio; Hamedani Mehrnaz; Prada Valeria; Schenone Angelo; Boero Federico; Gambari Gianluca; Cereia Marco; Jurilli Michele
? Keywords: EHealth | Eye Blink | Glasses | IoT | Neurological diseases | Signal processing | Wearable technology
? Quartile:
  2025:
  ? Electrical and Electronic Engineering (Q3, rank 595, percentile 40)
  ? Software (Q3, rank 351, percentile 29)
  2021:
  ? Electrical and Electronic Engineering (Q3, rank 434, percentile 38)
  ? Software (Q3, rank 277, percentile 30)
? Source Id: 19900191968
? Author Ids: 36180166900;8546192900;57053502600;7004136693;57219039113;57208860577;22836045400;57200958692;57218476376;25621208500;57224951314
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;126296272;126296272;126484083;126484083
? Corresponding: Sciarrone A.
41.
  ? Title: QoS Optimisation of eMBB Services in Converged 5G-Satellite Networks
  ? Venue: IEEE Transactions on Vehicular Technology
  ? Year: 2020
  ? Type: Journal
  ? Subtype: Article
  ? Citations: 67
  ? Doi: 10.1109/Tvt.2020.3011963
  ? Scopus ID: 2-s2.0-85095706905
  ? Issn: 00189545
  ? eISSN: 19399359
  ? Volume: 69
  ? Issue: 10
  ? Pages: 12098-12110
  ? Authors: De Cola Tomaso; Bisio Igor
  ? Keywords: 5G | network slicing | resource allocation | SatCom
  ? 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: 10739364500;8546192900
  ? Authoraffiliationids: 60007798;60025153
  ? Corresponding: De Cola T.

42.
  ? 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: Alzhaimer's disease (AD) | Essential Tremor (ET) | Eye Blinking (EB) | IoT | Parkinson's disease (PD)
  ? Source Id: 21101028400
  ? Author Ids: 36180166900;8546192900;57053502600;7004136693;57219039113;57208860577;6507934408;22836045400;57200958692;57218476376
  ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;100490447;100490447
  ? Corresponding: Sciarrone A.

43.
  ? 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.

44.
  ? 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.

45.
- ? 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: Alzhaimer'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.

46.
- ? 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.

47.

? Title: A Tomographic Multistatic System for Biomedical Microwave Sensing

? Venue: 14th European Conference on Antennas and Propagation Eucap 2020

? Year: 2020

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? DOI: 10.23919/EuCAP48036.2020.9135211

? Scopus ID: 2-s2.0-85088655098

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

? Keywords: biomedical sensing | measurement systems | Microwave imaging

? Source Id: 21101018617

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

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

? Corresponding: Bisio I.

48.

? 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.

49.
- ? 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.

50.
- ? 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.

51.

? 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.

52.
? 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.

53.
? Title: Network slicing optimization for integrated 5G-satellite networks
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2019

? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 10
? Doi: 10.1109/Globecom38437.2019.9014290
? Scopus ID: 2-s2.0-85081973323
? Issn: 23340983
? eISSN: 25766813
? Authors: Bisio Igor; Lavagetto Fabio; Verardo Giacomo; De Cola Tomaso
? Keywords: 5G | Network slicing | Resource allocation | Satellite communications
? Quartile:
  2025:
  ? Signal Processing (Q2, rank 90, percentile 54)
  ? Computer Networks and Communications (Q2, rank 260, percentile 52)
  ? Artificial Intelligence (Q3, rank 262, percentile 47)
  ? Hardware and Architecture (Q3, rank 129, percentile 45)
? Source Id: 21101199922
? Author Ids: 8546192900;7004136693;57211922341;10739364500
? Authoraffiliationids: 60025153;60025153;60025153;60007798
? Corresponding: Bisio I.
54.
  ? 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.
55.
  ? 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.

56.
- ? 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.

57.
- ? 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

? 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.

60.
? 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.

61.
? Title: Brain stroke microwave imaging by means of a newton-conjugate-gradient method in = L p Banach Spaces
? Venue: IEEE Transactions on Microwave Theory and Techniques
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 72
? Doi: 10.1109/Tmtt.2018.2849060
? Scopus ID: 2-s2.0-85049946543
? Issn: 00189480
? Volume: 66
? Issue: 8

? Pages: 3668-3682
? Authors: Bisio Igor; Estatico Claudio; Fedeli Alessandro; Lavagetto Fabio; Pastorino Matteo; Randazzo Andrea; Sciarrone Andrea
? Keywords: Banach spaces | brain stroke detection | conjugate gradient (CG) | inverse problems | microwave imaging
? Quartile:
  2025:
  ? Radiation (Q1, rank 3, percentile 96)
  ? Condensed Matter Physics (Q1, rank 48, percentile 89)
  ? Electrical and Electronic Engineering (Q1, rank 120, percentile 88)
  2018:
  ? Radiation (Q1, rank 4, percentile 93)
  ? Condensed Matter Physics (Q1, rank 45, percentile 88)
  ? Electrical and Electronic Engineering (Q1, rank 85, percentile 87)
? Source Id: 17366
? Author Ids:
8546192900;9739222400;55512997500;7004136693;7004880389;7006280562;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.
62.
? 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.
63.
? 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.
64.

? 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.

65.
   ? 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)

66.
? 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)
67.
? 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.

68.
? 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.

69.
? 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.

70.
? 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.

71.
? 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.

72.
? Title: A nonlinear iterative inverse scattering procedure in Lp 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.

73.
? 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/Icc.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.

74.
? 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.

75.

? Title: Application of EMFs at microwave frequencies for brain stroke detection: Preliminary results

? Venue: 2017 International Applied Computational Electromagnetics Society Symposium Italy Aces 2017

? Year: 2017

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.23919/Ropaces.2017.7916405

? Scopus ID: 2-s2.0-85020002223

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

? Keywords: Brain stroke detection | Imaging techniques | Inverse problems | Microwave imaging

? Source Id: 21100817102

? Author Ids: 8546192900;55512997500;7004136693;55372214300;7004880389;6701772951;7006280562;57038817000

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

? Corresponding: Bisio I.

76.

? Title: Guest Editorial 'Things' as Intelligent Sensors and Actuators in the Users' Context: Processing and Communications Issues

? Venue: IEEE Internet of Things Journal

? Year: 2017

? Type: Journal

? Subtype: Editorial

? Citations: 2

? Doi: 10.1109/Jiot.2017.2689658

? Scopus ID: 2-s2.0-85019041881

? eISSN: 23274662

? Volume: 4

? Issue: 2

? Pages: 297-298

? Authors: Kato Nei; Bisio Igor; Liu Jiajia

? 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: 7403474407;8546192900;40461843700
? Authoraffiliationids: 60008435;60025153;60025578
? Corresponding: Kato N.

77.
? 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.

78.
? 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.
79.
  ? 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.
80.
  ? 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.

81.
? Title: Cooperative Application Layer Joint Video Coding in the Internet of Remote Things
? Venue: IEEE Internet of Things Journal
? Year: 2016
? Type: Journal
? Subtype: Article
? Citations: 16
? Doi: 10.1109/Jiot.2016.2610103
? Scopus ID: 2-s2.0-85010032266
? eISSN: 23274662
? Volume: 3
? Issue: 6
? Pages: 1418-1426
? Authors: Bisio Igor; Lavagetto Fabio; Luzzati Giulio
? Keywords: Application layer coding | emergency networks | Internet of Remote Things |
satellite channels | transmission rate allocation
? Quartile:
 2025:
 ? Computer Networks and Communications (Q1, rank 20, percentile 96)
 ? Hardware and Architecture (Q1, rank 9, percentile 96)
 ? Signal Processing (Q1, rank 12, percentile 94)
 ? Computer Science Applications (Q1, rank 62, percentile 93)
 ? Information Systems (Q1, rank 32, percentile 93)
 2016:
 ? Hardware and Architecture (Q1, rank 8, percentile 94)
 ? Computer Science Applications (Q1, rank 29, percentile 94)
 ? Computer Networks and Communications (Q1, rank 17, percentile 93)
 ? Information Systems (Q1, rank 18, percentile 93)
 ? Signal Processing (Q1, rank 8, percentile 91)
? Source Id: 21100338350
? Author Ids: 8546192900;7004136693;55372214300
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

82.
? Title: Brain stroke detection by microwave imaging systems: Preliminary two-
dimensional numerical simulations
? Venue: Ist 2016 2016 IEEE International Conference on Imaging Systems and Techniques
Proceedings
? Year: 2016
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 9
? Doi: 10.1109/Ist.2016.7738246
? Scopus ID: 2-s2.0-85004000433
? Pages: 330-334
? Authors: Bisio I.; Fedeli A.; Lavagetto F.; Luzzati G.; Pastorino M.; Randazzo A.;
Tavanti E.
? Keywords: brain stroke detection | imaging techniques | inverse problems | Microwave

imaging
? Source Id: 21100788403
? Author Ids:
8546192900;55512997500;7004136693;55372214300;7004880389;7006280562;57038817000
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.
83.
? 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.
84.
? 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.
85.
 ? 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.
86.
 ? Title: Lp-Problem-based transmission rate allocation with packet loss and power
 metrics over satellite networks
 ? Venue: IEEE Transactions on Vehicular Technology
 ? Year: 2016
 ? Type: Journal
 ? Subtype: Article
 ? Citations: 8
 ? Doi: 10.1109/Tvt.2015.2447739
 ? Scopus ID: 2-s2.0-84971280260
 ? Issn: 00189545
 ? Volume: 65
 ? Issue: 5
 ? Pages: 3312-3325
 ? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario
 ? Keywords: Lp-problem-based Transmission Rate Allocation | Multi-Objective Programming
 | Performance Analysis | Satellite Communications
 ? Quartile:
  2025:
  ? Aerospace Engineering (Q1, rank 5, percentile 97)
  ? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)
  ? Automotive Engineering (Q1, rank 9, percentile 93)
  ? Computer Networks and Communications (Q1, rank 38, percentile 93)
  2016:
  ? Aerospace Engineering (Q1, rank 4, percentile 96)
  ? Subject (Q1, rank 16, percentile 96)
  ? Automotive Engineering (Q1, rank 5, percentile 93)

? Electrical and Electronic Engineering (Q1, rank 67, percentile 89)
? Source Id: 17393
? Author Ids: 8546192900;55694754400;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

87.
? Title: Multimedia content delivery for emerging 5g-satellite networks
? Venue: IEEE Transactions on Broadcasting
? Year: 2016
? Type: Journal
? Subtype: Article
? Citations: 81
? Doi: 10.1109/Tbc.2015.2511625
? Scopus ID: 2-s2.0-84983128016
? Issn: 00189316
? Volume: 62
? Issue: 1
? Pages: 10-23
? Authors: Araniti Giuseppe; Bisio Igor; De Sanctis Mauro; Orsino Antonino; Cosmas John
? Keywords: 5G | LTE-satellite | Multicast | Pˆ'rez-Fontan channel model | Resource allocation
? Quartile:
  2025:
  ? Media Technology (Q1, rank 7, percentile 91)
  ? Electrical and Electronic Engineering (Q1, rank 137, percentile 86)
  2016:
  ? Media Technology (Q1, rank 3, percentile 96)
  ? Electrical and Electronic Engineering (Q1, rank 66, percentile 89)
? Source Id: 19901
? Author Ids: 6603175144;8546192900;58896944500;56338345600;7003481262
? Authoraffiliationids: 60020167;60025153;60027509;60027509;60020623
? Corresponding: Araniti G.

88.
? Title: Satellite communications supporting internet of remote things
? Venue: IEEE Internet of Things Journal
? Year: 2016
? Type: Journal
? Subtype: Article
? Citations: 564
? Doi: 10.1109/Jiot.2015.2487046
? Scopus ID: 2-s2.0-84959337072
? eISSN: 23274662
? Volume: 3
? Issue: 1
? Pages: 113-123
? Authors: De Sanctis Mauro; Cianca Ernestina; Araniti Giuseppe; Bisio Igor; Prasad Ramjee
? Keywords: Internet of remote things (IoRT) | Internet of things (IoT) | Machine-to-machine (M2M) communications | Satellite communications | Wireless sensor and actuator networks (WSANs)
? Quartile:
  2025:
  ? Computer Networks and Communications (Q1, rank 20, percentile 96)
  ? Hardware and Architecture (Q1, rank 9, percentile 96)

  ? Signal Processing (Q1, rank 12, percentile 94)
  ? Computer Science Applications (Q1, rank 62, percentile 93)
  ? Information Systems (Q1, rank 32, percentile 93)
  2016:
  ? Hardware and Architecture (Q1, rank 8, percentile 94)
  ? Computer Science Applications (Q1, rank 29, percentile 94)
  ? Computer Networks and Communications (Q1, rank 17, percentile 93)
  ? Information Systems (Q1, rank 18, percentile 93)
  ? Signal Processing (Q1, rank 8, percentile 91)
? Source Id: 21100338350
? Author Ids: 58896944500;55883947600;6603175144;8546192900;7402378359
? Authoraffiliationids: 60027509;60027509;60020167;60025153;60022134
? Corresponding: De Sanctis M.

89.
  ? 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.

90.
  ? 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.

91.
  ? Title: Smartphones apps implementing a heuristic joint coding for video transmissions over mobile networks
  ? Venue: Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering Lnicst
  ? Year: 2016
  ? Type: Book Series
  ? Subtype: Conference Paper
  ? Citations: 0
  ? Doi: 10.1007/978-3-319-47081-8_12
  ? Scopus ID: 2-s2.0-84996489052
  ? Issn: 18678211
  ? Volume: 148
  ? Pages: 123-131
  ? Authors: Bisio Igor; Lavagetto Fabio; Luzzati Giulio; Marchese Mario
  ? Quartile:
   2025:
   ? Computer Networks and Communications (Q4, rank 439, percentile 19)
   2016:
   ? Computer Networks and Communications (Q4, rank 204, percentile 17)
  ? Source Id: 21100220348
  ? Author Ids: 8546192900;7004136693;55372214300;7004398165
  ? Authoraffiliationids: 60025153;60025153;60025153;60025153
  ? Corresponding: Bisio I.

92.
  ? Title: Data mining algorithms for communication networks control: Concepts, survey and guidelines
  ? Venue: IEEE Network
  ? Year: 2016
  ? Type: Journal
  ? Subtype: Article
  ? Citations: 26
  ? Doi: 10.1109/Mnet.2016.7389827
  ? Scopus ID: 2-s2.0-84962030322
  ? Issn: 08908044
  ? Volume: 30
  ? Issue: 1
  ? Pages: 24-29
  ? Authors: De Sanctis Mauro; Bisio Igor; Araniti Giuseppe
  ? Keywords: Algorithm design and analysis | Association rules | Clustering algorithms | Communication networks | Data models | Itemsets
  ? 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)
   2016:
   ? Computer Networks and Communications (Q1, rank 3, percentile 98)
   ? Hardware and Architecture (Q1, rank 2, percentile 98)
   ? Software (Q1, rank 9, percentile 97)

? Information Systems (Q1, rank 7, percentile 97)
? Source Id: 27239
? Author Ids: 58896944500;8546192900;6603175144
? Authoraffiliationids: 60027509;60025153;60020167
? Corresponding: De Sanctis M.

93.
? Title: A simple ultrasonic Indoor/Outdoor detector for mobile devices
? Venue: Iwcmc 2015 11th International Wireless Communications and Mobile Computing Conference
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 9
? Doi: 10.1109/Iwcmc.2015.7289071
? Scopus ID: 2-s2.0-84949500080
? Pages: 137-141
? Authors: Bisio Igor; Delfino Alessandro; Lavagetto Fabio
? Keywords: Context-Awareness | Indoor/Outdoor detector | Smartphone | Ultrasound
? Source Id: 21100428992
? Author Ids: 8546192900;54890459700;7004136693
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

94.
? 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.

95.
? Title: Cooperative Application Layer Joint Coding and rate allocation techniques for video transmissions over satellite channels through smartphones
? Venue: IEEE International Conference on Communications
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Icc.2015.7248430
? Scopus ID: 2-s2.0-84953751663
? Issn: 15503607
? Volume: 2015-September

? Pages: 862-866

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

? Keywords: Application Layer Joint Coding | Cooperative Techniques | Performance Evaluation | Satellite Networks | Transmission Rate Allocations

? Source Id: 33201

? Author Ids: 8546192900;55694754400;7004136693;55372214300;7004398165

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

? Corresponding: Bisio I.

96.

? Title: Hybrid simulated-emulated platform - HySEP

? Venue: Handbook of Research on Next Generation Mobile Communication Systems

? Year: 2015

? Type: Book

? Subtype: Book Chapter

? Citations: 0

? DOI: 10.4018/978-1-4666-8732-5.ch015

? Scopus ID: 2-s2.0-84958139783

? Pages: 380-409

? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario; Portomauro Giancarlo; Zappatore Sandro

? Source Id: 21100446332

? Author Ids: 8546192900;55694754400;7004136693;7004398165;15128054100;6602811400

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

? Corresponding: Bisio I.

97.

? 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.

98.

? 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.

99.
  ? Title: Poster: Detecting if a smartphone is indoors or outdoors with ultrasounds
  ? Venue: Mobisys 2015 Proceedings of the 13th Annual International Conference on Mobile Systems Applications and Services
  ? Year: 2015
  ? Type: Conference Proceeding
  ? Subtype: Conference Paper
  ? Citations: 1
  ? Doi: 10.1145/2742647.2745907
  ? Scopus ID: 2-s2.0-84958582304
  ? Pages: 475
  ? Authors: Bisio Igor; Delfino Alessandro; Lavagetto Fabio
  ? Source Id: 21100446514
  ? Author Ids: 8546192900;54890459700;7004136693
  ? Authoraffiliationids: 60025153;60025153;60025153
  ? Corresponding: Bisio I.

100.
  ? Title: An Ns-3 based simulative and emulative platform
  ? Venue: Modeling and Simulation of Computer Networks and Systems Methodologies and Applications
  ? Year: 2015
  ? Type: Book
  ? Subtype: Book Chapter
  ? Citations: 2
  ? Doi: 10.1016/B978-0-12-800887-4.00019-5
  ? Scopus ID: 2-s2.0-84940069625
  ? Pages: 555-575
  ? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario; Portomauro Giancarlo; Zappatore Sandro
  ? Keywords: Emulation | LTE | Quality of Service (QoS) | Simulation
  ? Source Id: 21100404889
  ? Author Ids: 8546192900;55694754400;7004136693;7004398165;15128054100;6602811400
  ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
  ? Corresponding: Bisio I.

101.
  ? Title: Contact graph routing in DTN space networks: Overview, enhancements and performance
  ? Venue: IEEE Communications Magazine
  ? Year: 2015

? Type: Journal
? Subtype: Article
? Citations: 261
? Doi: 10.1109/Mcom.2015.7060480
? Scopus ID: 2-s2.0-84925872900
? Issn: 01636804
? eISSN: 15581896
? Volume: 53
? Issue: 3
? Pages: 38-46
? Authors: Araniti Giuseppe; Bezirgiannidis Nikolaos; Birrane Edward; Bisio Igor; Burleigh Scott; Caini Carlo; Feldmann Marius; Marchese Mario; Segui John; Suzuki Kiyohisa
? 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: 6603175144;36967869800;15831287600;8546192900;55885938100;6701493219;24722750700;7004398165;15080884800;55846130700
? Authoraffiliationids: 60020167;60030988;60022054;60025153;60031581;60028218;60018353;60025153;60085980;60022990
? Corresponding: Araniti G.
102.
? 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.
103.
? 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.

104.
  ? 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.
105.
  ? Title: A television channel real-time detector using smartphones
  ? Venue: IEEE Transactions on Mobile Computing
  ? Year: 2015
  ? Type: Journal
  ? Subtype: Article

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

106.
- ? Title: A heuristic attack method to PRH-based audio copy detectors
- ? Venue: IEEE Signal Processing Letters
- ? Year: 2014
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 0
- ? Doi: 10.1109/Lsp.2014.2363592
- ? Scopus ID: 2-s2.0-84908665609
- ? Issn: 10709908
- ? Volume: 22
- ? Issue: 5
- ? Pages: 564-568
- ? Authors: Bisio Igor; Braccini Carlo; Delfino Alessandro; Lavagetto Fabio; Marchese Mario
- ? Keywords: Adversarial signal processing | audio fingerprint | copy detection attack | Copyright protection
- ? Quartile:
  - 2025:
  - ? Applied Mathematics (Q1, rank 66, percentile 90)
  - ? Signal Processing (Q1, rank 44, percentile 77)
  - ? Electrical and Electronic Engineering (Q1, rank 243, percentile 75)
  - 2014:
  - ? Applied Mathematics (Q1, rank 48, percentile 88)
  - ? Electrical and Electronic Engineering (Q1, rank 110, percentile 83)
  - ? Signal Processing (Q1, rank 17, percentile 79)
- ? Source Id: 17316
- ? Author Ids: 8546192900;7003400719;54890459700;7004136693;7004398165
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
- ? Corresponding: Bisio I.

107.

? Title: Transmission rate allocation over satellite networks with quality of experience - Based performance metrics
? Venue: 2014 7th Advanced Satellite Multimedia Systems Conference and the 13th Signal Processing for Space Communications Workshop Asms Spsc 2014
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Asms-Spsc.2014.6934576
? Scopus ID: 2-s2.0-84984879029
? Volume: 2014-January
? Pages: 419-423
? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario
? Keywords: MOP theory | Power management | Quality of experience | Resource allocation | Satellite network
? Source Id: 21100777298
? Author Ids: 8546192900;55694754400;7004136693;7004398165
? Corresponding: Bisio I.
108.
? Title: Mars to Earth communications through orbiters: Delay-Tolerant/Disruption-Tolerant Networking performance analysis
? Venue: International Journal of Satellite Communications and Networking
? Year: 2014
? Type: Journal
? Subtype: Article
? Citations: 19
? DOI: 10.1002/sat.1043
? Scopus ID: 2-s2.0-84894601303
? Issn: 15420973
? eISSN: 15420981
? Volume: 32
? Issue: 2
? Pages: 127-140
? Authors: Caini C.; Firrincieli R.; De Cola T.; Bisio I.; Cello M.; Acar G.
? Keywords: Bundle Protocol | CCSDS | Deep space networking | DTN | Licklider Transmission Protocol
? Quartile:
 2025:
 ? Media Technology (Q2, rank 21, percentile 72)
 ? Electrical and Electronic Engineering (Q2, rank 374, percentile 62)
 2014:
 ? Media Technology (Q1, rank 10, percentile 84)
 ? Electrical and Electronic Engineering (Q2, rank 168, percentile 74)
? Source Id: 19924
? Author Ids: 6701493219;6506694454;10739364500;8546192900;36025044100;6602182946
? Authoraffiliationids: 60028218;60028218;60007798;60025153;60108318;112966775
? Corresponding: Caini C.
109.
? 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.

110.
? 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.

111.
? Title: Smartphones apps implementing a heuristic joint coding for video transmissions over mobile networks
? Venue: Mobile Networks and Applications
? Year: 2014
? Type: Journal
? Subtype: Article
? Citations: 9
? DOI: 10.1007/s11036-014-0519-6
? Scopus ID: 2-s2.0-84907365638

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

112.
? Title: Dynamic multi-attribute Network Selection algorithm for Vertical Handover procedures over mobile ad hoc networks
? Venue: 2014 IEEE International Conference on Communications Icc 2014
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 19
? Doi: 10.1109/Icc.2014.6883342
? Scopus ID: 2-s2.0-84907000337
? Pages: 342-347
? Authors: Bisio Igor; Braccini Carlo; Delucchi Stefano; Lavagetto Fabio; Marchese Mario
? Keywords: Mobile Ad Hoc Networks | Multi Attribute Decision Making | Network Selection | Vertical Handover
? Source Id: 21100333601
? Author Ids: 8546192900;7003400719;55694754400;7004136693;7004398165
? Corresponding: Bisio I.

113.
? Title: Performance evaluation of application layer joint coding for video transmission with smartphones over terrestrial/satellite emergency networks
? Venue: 2014 IEEE International Conference on Communications Icc 2014
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Doi: 10.1109/Icc.2014.6883879
? Scopus ID: 2-s2.0-84906996499
? Pages: 3594-3599
? Authors: Bisio Igor; Grattarola Aldo; Lavagetto Fabio; Luzzati Giulio; Marchese Mario
? Source Id: 21100333601
? Author Ids: 8546192900;6603286614;7004136693;55372214300;7004398165

? Corresponding: Bisio I.

114.
  ? Title: Hybrid simulated-emulated platform for heterogeneous access networks performance investigations
  ? Venue: Proceedings of the 2014 International Symposium on Performance Evaluation of Computer and Telecommunication Systems Spects 2014 Part of Summersim 2014 Multiconference
  ? Year: 2014
  ? Type: Conference Proceeding
  ? Subtype: Conference Paper
  ? Citations: 2
  ? Doi: 10.1109/Spects.2014.6880009
  ? Scopus ID: 2-s2.0-84906766559
  ? Pages: 670-675
  ? Authors: Bisio Igor; Delfino Alessandro; Delucchi Stefano; Lavagetto Fabio; Marchese Mario; Portormauro Giancarlo; Zappatore Sandro
  ? Keywords: Heterogeneous Access Networks | Hybrid Real-Simulated Network | ns-3 | Performance Investigation | Quality of Service
  ? Source Id: 21100332233
  ? Author Ids:
  8546192900;54890459700;55694754400;7004136693;7004398165;56342648700;6602811400
  ? Corresponding: Bisio I.

115.
  ? Title: Context-aware networking and communications: Part 2 [Guest editorial]
  ? Venue: IEEE Communications Magazine
  ? Year: 2014
  ? Type: Journal
  ? Subtype: Editorial
  ? Citations: 10
  ? Doi: 10.1109/Mcom.2014.6871671
  ? Scopus ID: 2-s2.0-84906099095
  ? Issn: 01636804
  ? Volume: 52
  ? Issue: 8
  ? Pages: 64-65
  ? Authors: Wu Jinsong; Bisio Igor; Gniady Chris; Hossain Ekram; Valla Massimo; Li Haibo
  ? 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)
   2014:
   ? Computer Networks and Communications (Q1, rank 1, percentile 99)
   ? Electrical and Electronic Engineering (Q1, rank 5, percentile 99)
   ? Computer Science Applications (Q1, rank 5, percentile 99)
  ? Source Id: 17249
  ? Author Ids: 36731675700;8546192900;6506964015;6701362398;24400344500;56375326400
  ? Authoraffiliationids: 60000251;60025153;60150072;60009697;60027550;114587094
  ? Corresponding: Wu J.

116.
  ? Title: Context-aware networking and communications: Part 1 [Guest editorial]
  ? Venue: IEEE Communications Magazine
  ? Year: 2014
  ? Type: Journal

? Subtype: Editorial

? Citations: 57

? Doi: 10.1109/Mcom.2014.6829939

? Scopus ID: 2-s2.0-84903190590

? Issn: 01636804

? Volume: 52

? Issue: 6

? Pages: 14-15

? Authors: Wu Jinsong; Bisio Igor; Gniady Chris; Hossain Ekram; Valla Massimo; Li Haibo

? 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)

  2014:

  ? Computer Networks and Communications (Q1, rank 1, percentile 99)

  ? Electrical and Electronic Engineering (Q1, rank 5, percentile 99)

  ? Computer Science Applications (Q1, rank 5, percentile 99)

? Source Id: 17249

? Author Ids: 36731675700;8546192900;6506964015;6701362398;24400344500;59068759300

? Authoraffiliationids: 114479112;60025153;60150072;60009697;114479629;60002014

? Corresponding: Wu J.

117.

? Title: The concept of fairness: Definitions and use in bandwidth allocation applied
to satellite environment

? Venue: IEEE Aerospace and Electronic Systems Magazine

? Year: 2014

? Type: Journal

? Subtype: Article

? Citations: 14

? Doi: 10.1109/Maes.2014.6805361

? Scopus ID: 2-s2.0-84902304758

? Issn: 08858985

? Volume: 29

? Issue: 3

? Pages: 8-14

? Authors: Bisio Igor; Marchese Mario

? Quartile:

  2025:

  ? Aerospace Engineering (Q1, rank 19, percentile 88)

  ? Electrical and Electronic Engineering (Q1, rank 161, percentile 83)

  ? Space and Planetary Science (Q1, rank 20, percentile 81)

  2014:

  ? Aerospace Engineering (Q2, rank 37, percentile 65)

  ? Electrical and Electronic Engineering (Q2, rank 265, percentile 59)

  ? Space and Planetary Science (Q3, rank 50, percentile 35)

? Source Id: 25993

? Author Ids: 8546192900;7004398165

? Authoraffiliationids: 60025153;60025153

? Corresponding: Bisio I.

118.

? Title: Gender-driven emotion recognition through speech signals for ambient
intelligence applications

? Venue: IEEE Transactions on Emerging Topics in Computing

119.
120.

? Source Id: 21100258919

? Author Ids: 8546192900;7004136693;7004398165;36180166900

? Authoraffiliationids: 113360839;113360839;113360839;113360839

? Corresponding: Bisio I.

121.

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

? Venue: Proceedings of the 2013 International Symposium on Performance Evaluation of Computer and Telecommunication Systems Spects 2013 Part of Summersim 2013 Multiconference

? Year: 2013

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Scopus ID: 2-s2.0-84884776004

? Pages: 174-181

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

? Keywords: IEEE 802.21 Standard | Mobile communications | Multi-attribute Algorithms | Network Selection | ns-2 | Performance Comparison

? Source Id: 21100258919

? Author Ids: 8546192900;55694754400;7004136693;7004398165

? Corresponding: Bisio I.

122.

? Title: Fast audio fingerprint comparison for real-time TV-channel recognition applications

? Venue: 2013 9th International Wireless Communications and Mobile Computing Conference Iwcmc 2013

? Year: 2013

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Doi: 10.1109/Iwcmc.2013.6583641

? Scopus ID: 2-s2.0-84883669681

? Pages: 694-699

? Authors: Bisio Igor; Delfino Alessandro; Lavagetto Fabio; Marchese Mario; Frˆ¡ Cristina; Valla Massimo

? Source Id: 21100256920

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

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

? Corresponding: Bisio I.

123.

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

? Venue: Simulation Series

? Year: 2013

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-84880538088

? Issn: 07359276

? Volume: 45

? Issue: 9

? Pages: 174-181

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

? Keywords: Ieee 802.21 Standard | Mobile communications | Multi-attribute algorithms | Network selection | Ns-2 | Performance comparison
? Quartile:
 2025:
  ? Computer Networks and Communications (Q4, rank 535, percentile 2)
? Source Id: 12193
? Author Ids: 8546192900;55694754400;7004136693;7004398165
? Corresponding: Bisio I.

124.
? Title: GPS/HPS-and Wi-fi fingerprint-based location recognition for check-in applications over smartphones in cloud-based LBSs
? Venue: IEEE Transactions on Multimedia
? Year: 2013
? Type: Journal
? Subtype: Article
? Citations: 63
? Doi: 10.1109/Tmm.2013.2239631
? Scopus ID: 2-s2.0-84877893503
? Issn: 15209210
? Volume: 15
? Issue: 4
? Pages: 858-869
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario; Sciarrone Andrea
? Keywords: Check-in applications | cloud computing | GPS/HPS receivers | smartphone terminals | Wi-Fi fingerprint
? Quartile:
 2025:
  ? Media Technology (Q1, rank 3, percentile 96)
  ? Electrical and Electronic Engineering (Q1, rank 41, percentile 95)
  ? Signal Processing (Q1, rank 10, percentile 95)
  ? Computer Science Applications (Q1, rank 52, percentile 94)
 2013:
  ? Media Technology (Q1, rank 3, percentile 95)
  ? Electrical and Electronic Engineering (Q1, rank 69, percentile 89)
  ? Computer Science Applications (Q1, rank 62, percentile 87)
  ? Signal Processing (Q1, rank 11, percentile 86)
? Source Id: 16211
? Author Ids: 8546192900;7004136693;7004398165;36180166900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

125.
? 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.
126.
? Title: Comparison among resource allocation methods with packet loss and power
metrics in geostationary satellite scenarios
? Venue: IEEE International Conference on Communications
? Year: 2013
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 12
? Doi: 10.1109/Icc.2013.6655235
? Scopus ID: 2-s2.0-84891359466
? Issn: 15503607
? Pages: 4271-4275
? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario
? Keywords: Capacity Maximisation Allocation | Multi-Objective Programming |
Performance Comparison | Power Minimisation Allocation | Satellite Communications
? Source Id: 33201
? Author Ids: 8546192900;55694754400;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.
127.
? Title: A survey of architectures and scenarios in satellite-based wireless sensor
networks: System design aspects
? Venue: International Journal of Satellite Communications and Networking
? Year: 2013
? Type: Journal
? Subtype: Review
? Citations: 84
? DOI: 10.1002/sat.1019
? Scopus ID: 2-s2.0-84872902667
? Issn: 15420973
? eISSN: 15420981
? Volume: 31
? Issue: 1
? Pages: 1-38
? Authors: Celandroni N.; Ferro E.; Gotta A.; Oligeri G.; Roseti C.; Luglio M.; Bisio
I.; Cello M.; Davoli F.; Panagopoulos A. D.; Poulakis M.; Vassaki S.; De Cola T.;
Marchitti M. A.; Hu Y. F.; Pillai P.; Verma S.; Xu K.; Acar G.
? Keywords: architecture | integration | satellite | WSNs
? Quartile:
 2025:
 ? Media Technology (Q2, rank 21, percentile 72)
 ? Electrical and Electronic Engineering (Q2, rank 374, percentile 62)
 2013:
 ? Media Technology (Q1, rank 7, percentile 89)
 ? Electrical and Electronic Engineering (Q1, rank 128, percentile 79)
? Source Id: 19924
? Author Ids: 7003794458;56205423500;9846429300;17434962100;15127967700;7003570928;8546
192900;36025044100;57220364548;7004006343;22980962700;24333565800;10739364500;247252295
00;7407117611;7102162572;55503258100;55641505100;6602182946
? Authoraffiliationids: 60085207;60085207;60085207;60085207;60027509;60027509;60103966;
60103966;60103966;60002947;60002947;60002947;60007798;60007798;60008524;60008524;600085

24;60008524;60031159
? Corresponding: Celandroni N.
128.
? Title: Trainingless fingerprinting-based indoor positioning algorithms with smartphones using electromagnetic propagation models
? Venue: Ist 2012 2012 IEEE International Conference on Imaging Systems and Techniques Proceedings
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? Doi: 10.1109/Ist.2012.6295537
? Scopus ID: 2-s2.0-84870666077
? Pages: 190-194
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario; Pastorino Matteo; Randazzo Andrea
? Keywords: Electromagnetic propagation | Smartphone terminals | WI-Fi Signals Fingerprint
? Source Id: 21100222924
? Author Ids: 8546192900;7004136693;7004398165;7004880389;7006280562
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bisio I.
129.
? Title: Opportunistic estimation of television audience through smartphones
? Venue: Simulation Series
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-84870504958
? Issn: 07359276
? Volume: 44
? Issue: Book 12
? Pages: 164-168
? Authors: Bisio Igor; Delfino Alessandro; Luzzati Giulio; Lavagetto Fabio; Marchese Mario; Frˆ Cristina; Valla Massimo
? Quartile:
  2025:
  ? Computer Networks and Communications (Q4, rank 535, percentile 2)
? Source Id: 12193
? Author Ids: 8546192900;54890459700;55372214300;7004136693;7004398165;24399148800;24400344500
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60023916;60023916
? Corresponding: Bisio I.
130.
? Title: Smartphone-based automatic place recognition with Wi-Fi signals for location-aware services
? Venue: IEEE International Conference on Communications
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Doi: 10.1109/Icc.2012.6363942
? Scopus ID: 2-s2.0-84871965321

? Issn: 15503607
? Pages: 4943-4948
? Authors: Bisio Igor; Pan Roberto Lan Cian; Lavagetto Fabio; Marchese Mario; Sciarrone
  Andrea; Frˆ 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.
131.
    ? Title: Opportunistic estimation of television audience through smartphones
    ? Venue: Proceedings of the 2012 International Symposium on Performance Evaluation of
Computer and Telecommunication Systems Spects 12 Part of Summersim 2012 Multiconference
    ? Year: 2012
    ? Type: Conference Proceeding
    ? Subtype: Conference Paper
    ? Citations: 11
    ? Scopus ID: 2-s2.0-84867032738
    ? Authors: Bisio Igor; Delfino Alessandro; Luzzati Giulio; Lavagetto Fabio; Marchese
Mario; Frˆ Cristina; Valla Massimo
    ? Source Id: 21100216999
    ? Author Ids:
8546192900;54890459700;55372214300;7004136693;7004398165;24399148800;24400344500
    ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60023916;60023916
    ? Corresponding: Bisio I.
132.
    ? 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.
133.
    ? Title: Power saving bandwidth allocation over GEO satellite networks
    ? Venue: IEEE Communications Letters
    ? Year: 2012
    ? Type: Journal
    ? Subtype: Article
    ? Citations: 45
    ? Doi: 10.1109/Lcomm.2012.030912.111913
    ? Scopus ID: 2-s2.0-84861170761

? Authors: Bisio Igor; Marchese Mario
? Keywords: Bandwidth allocation | Multi-objective programming | Power and bandwidth saving | Satellite communications
? Quartile:
  2025:
  ? Modeling and Simulation (Q1, rank 25, percentile 93)
  ? Electrical and Electronic Engineering (Q1, rank 140, percentile 86)
  ? Computer Science Applications (Q1, rank 167, percentile 83)
  2012:
  ? Electrical and Electronic Engineering (Q2, rank 158, percentile 74)
  ? Modeling and Simulation (Q2, rank 58, percentile 72)
  ? Computer Science Applications (Q2, rank 150, percentile 67)
? Source Id: 18896
? Author Ids: 8546192900;7004398165
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bisio I.

134.
? Title: Capacity bound of MOP-based allocation with packet loss and power metrics in satellite communications systems
? Venue: Proceedings IEEE Global Communications Conference Globecom
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 11
? Doi: 10.1109/Glocom.2012.6503625
? Scopus ID: 2-s2.0-84877664613
? Issn: 23340983
? eISSN: 25766813
? Pages: 3311-3316
? Authors: Bisio Igor; Delucchi Stefano; Lavagetto Fabio; Marchese Mario
? Keywords: Capacity Bound | Lp-problem based Allocation | Multi-Objective Programming | Performance Analysis | Satellite Communications
? Quartile:
  2025:
  ? Signal Processing (Q2, rank 90, percentile 54)
  ? Computer Networks and Communications (Q2, rank 260, percentile 52)
  ? Artificial Intelligence (Q3, rank 262, percentile 47)
  ? Hardware and Architecture (Q3, rank 129, percentile 45)
? Source Id: 21101199922
? Author Ids: 8546192900;55694754400;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bisio I.

135.
? Title: Context-aware smartphone services
? Venue: Pervasive Computing and Communications Design and Deployment Technologies Trends and Applications
? Year: 2011
? Type: Book
? Subtype: Book Chapter
? Citations: 5

? DOI: 10.4018/978-1-60960-611-4.ch002
? Scopus ID: 2-s2.0-84898570814
? Pages: 24-47
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario
? Source Id: 21100304554
? Author Ids: 8546192900;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

136.
? Title: Application layer joint coding for image transmission over deep space channels
? Venue: Globecom IEEE Global Telecommunications Conference
? Year: 2011
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Glocom.2011.6133825
? Scopus ID: 2-s2.0-84857198805
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario
? Keywords: application layer coding | deep space communications | image compression | LDPC encoding | Multi-Attribute Decision Making theory
? Source Id: 145242
? Author Ids: 8546192900;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

137.
? Title: Comparative analysis of image compression algorithms for deep space communications systems
? Venue: Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering
? Year: 2010
? Type: Book Series
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1007/978-3-642-13618-4_5
? Scopus ID: 2-s2.0-84885887116
? Issn: 18678211
? Volume: 43 Lnicst
? Pages: 63-73
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario
? Keywords: CCSDS compression | Compression time | Deep space communications systems | Image compression | JPEG2000 | PSNR
? Quartile:
 2025:
 ? Computer Networks and Communications (Q4, rank 439, percentile 19)
? Source Id: 21100220348
? Author Ids: 8546192900;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

138.
? Title: The Interplanetary network node: Architecture and preliminary performance evaluation
? Venue: Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering
? Year: 2010

? Type: Book Series
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1007/978-3-642-13618-4_13
? Scopus ID: 2-s2.0-84885885901
? Issn: 18678211
? Volume: 43 Lnicst
? Pages: 179-190
? Authors: Araniti Giuseppe; Bisio Igor; De Sanctis Mauro
? Keywords: Advanced IPN Node | Interplanetary networks architecture | Link selection |
 Multicast
? Quartile:
 2025:
 ? Computer Networks and Communications (Q4, rank 439, percentile 19)
? Source Id: 21100220348
? Author Ids: 6603175144;8546192900;58896944500
? Authoraffiliationids: 60020167;60025153;60027509
? Corresponding: Araniti G.
139.
 ? Title: ICT applications in green and renewable energy sector
 ? Venue: Proceedings of the Workshop on Enabling Technologies Infrastructure for
 Collaborative Enterprises Wetice
 ? Year: 2010
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 14
 ? Doi: 10.1109/Wetice.2010.33
 ? Scopus ID: 2-s2.0-77955882219
 ? Issn: 15244547
 ? Pages: 175-179
 ? Authors: Stallo Cosimo; De Sanctis Mauro; Ruggieri Marina; Bisio Igor; Marchese Mario
 ? Quartile:
  2025:
  ? Hardware and Architecture (Q4, rank 206, percentile 12)
  ? Software (Q4, rank 459, percentile 8)
 ? Source Id: 120165
 ? Author Ids: 24544857400;58896944500;7102391180;8546192900;7004398165
 ? Authoraffiliationids: 60027509;60027509;60027509;60025153;60025153
 ? Corresponding: Stallo C.
140.
 ? Title: Interplanetary networks: Architectural analysis, technical challenges and
 solutions overview
 ? Venue: IEEE International Conference on Communications
 ? Year: 2010
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 34
 ? Doi: 10.1109/Icc.2010.5502491
 ? Scopus ID: 2-s2.0-77955362422
 ? Issn: 05361486
 ? Authors: Araniti Giuseppe; Bisio Igor; De Sanctis Mauro
 ? Keywords: Advanced IPN node | Delay tolerant network | Interplanetary networks
 architecture | Research challenges
 ? Source Id: 33201

? Author Ids: 6603175144;8546192900;58896944500
? Authoraffiliationids: 60020167;60025153;60027509
? Corresponding: Araniti G.

141.
? Title: Introduction to multi attribute decision making-based application layer joint coding for image transmission over deep space channels
? Venue: 2nd International Conference on Advances in Satellite and Space Communications Spacomm 2010
? Year: 2010
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Spacomm.2010.21
? Scopus ID: 2-s2.0-77955242506
? Pages: 134-139
? Authors: Bisio Igor; Lavagetto Fabio; Marchese Mario
? Keywords: Application layer coding | Deep space communications | Image compression | LDPC encoding | Multi-attribute decision making theory
? Source Id: 19700176305
? Author Ids: 8546192900;7004136693;7004398165
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bisio I.

142.
? Title: 2nd International Conference on Advances in Satellite and Space Communications, SPACOMM 2010: Preface
? Venue: 2nd International Conference on Advances in Satellite and Space Communications Spacomm 2010
? Year: 2010
? Type: Conference Proceeding
? Subtype: Editorial
? Citations: 0
? Doi: 10.1109/Spacomm.2010.4
? Scopus ID: 2-s2.0-77955237646
? Pages: viii-ix
? Authors: Bisio Igor; Laddomada Massimiliano; Papaharalabos Stelios; Taqvi Zafar; Dainelli Vittorio; Evans Dave; Gineste Mathieu; Liu Haibin; Montenegro Sergio; Pei Ling
? Source Id: 19700176305
? Author Ids: 8546192900;6603352162;36237700500;24327867100;56631132100;57214023176;15126994000;56070530200;55885125200;56224303800
? Authoraffiliationids: 60025153;60108629;60011619;108418845;60114893;60072331;60019894;106750900;60007798;60031713
? Corresponding: Bisio I.

143.
? 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/Iswpc.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.

144.
? Title: Recent advances in satellite and space communications
? Venue: Journal of Communications and Networks
? Year: 2010
? Type: Journal
? Subtype: Editorial
? Citations: 5
? Doi: 10.1109/Jcn.2010.6388298
? Scopus ID: 2-s2.0-79251627389
? Issn: 12292370
? Volume: 12
? Issue: 6
? Pages: 523-528
? Authors: Bisio Igor; De Gaudenzi Riccardo; Nguyen Hung; Pavlidou Fotini Niovi; Yamazato Takaya
? Quartile:
  2025:
  ? Computer Networks and Communications (Q1, rank 60, percentile 89)
  ? Information Systems (Q1, rank 64, percentile 87)
? Source Id: 4800154012
? Author Ids: 8546192900;7006784913;36895076200;7003647919;7005087295
? Authoraffiliationids: 60025153;60000251;60000251;;60000264
? Corresponding: Bisio I.

145.
? Title: Performance enhanced proxy solutions for satellite networks: State of the art, protocol stack and possible interfaces
? Venue: Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering
? Year: 2009
? Type: Book Series
? Subtype: Conference Paper
? Citations: 4
? Doi: 10.1007/978-3-642-04260-7_8
? Scopus ID: 2-s2.0-84885893385
? Issn: 18678211
? Volume: 15 Lnicst
? Pages: 61-67
? Authors: Bisio Igor; Marchese Mario; Mongelli Maurizio
? Quartile:
  2025:
  ? Computer Networks and Communications (Q4, rank 439, percentile 19)
? Source Id: 21100220348
? Author Ids: 8546192900;7004398165;7005882346
? Corresponding: Bisio I.

146.
? Title: Combined congestion control and link selection strategies for delay tolerant interplanetary networks

? Venue: Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering
? Year: 2009
? Type: Book Series
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1007/978-3-642-04260-7_15
? Scopus ID: 2-s2.0-84885887516
? Issn: 18678211
? Volume: 15 Lnicst
? Pages: 122-131
? Authors: Bisio Igor; De Cola Tomaso; Lavagetto Fabio; Marchese Mario
? Keywords: Custodial transfer | Delay tolerant network architecture | Explicit congestion notification | Interplanetary networks | Random early detection
? Quartile:
  2025:
  ? Computer Networks and Communications (Q4, rank 439, percentile 19)
? Source Id: 21100220348
? Author Ids: 8546192900;10739364500;7004136693;7004398165
? Corresponding: Bisio I.
147.
? Title: Design and evaluation guidelines for bandwidth allocation solutions in satellite environments
? Venue: Globecom IEEE Global Telecommunications Conference
? Year: 2009
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Glocom.2009.5426294
? Scopus ID: 2-s2.0-77951595331
? Authors: Bisio Igor; Marchese Mario
? Keywords: Bandwidth allocation | Bandwidth utilization | Fairness | Performance efficiency | Satellite networks
? Source Id: 145242
? Author Ids: 8546192900;7004398165
? Corresponding: Bisio I.
148.
? Title: Combined congestion control and link selection strategies for delay tolerant interplanetary networks
? Venue: Globecom IEEE Global Telecommunications Conference
? Year: 2009
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 32
? Doi: 10.1109/Glocom.2009.5426295
? Scopus ID: 2-s2.0-77951583602
? Authors: Bisio Igor; Cello Marco; De Cola Tomaso; Marchese Mario
? Keywords: Custodial transfer | Delay tolerant network architecture | Explicit congestion notification | Interplanetary networks | Random early detection
? Source Id: 145242
? Author Ids: 8546192900;36025044100;10739364500;7004398165
? Corresponding: Bisio I.
149.
? Title: Towards the reliable and efficient interplanetary internet: a survey of

possible advanced networking and communications solutions
? Venue: Proceedings 2009 1st International Conference on Advances in Satellite and Space Communications Spacomm 2009
? Year: 2009
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 14
? Doi: 10.1109/Spacomm.2009.29
? Scopus ID: 2-s2.0-71049122900
? Pages: 30-34
? Authors: Araniti Giuseppe; Bisio Igor; De Sanctis Mauro
? Keywords: Advanced network control | Constellations design | Interplanetary network | Research challenges
? Source Id: 19400158364
? Author Ids: 6603175144;8546192900;58896944500
? Authoraffiliationids: 60020167;60025153;60027509
? Corresponding: Araniti G.
150.
? Title: Multi-Attribute Decision Making routing strategy for interplanetary communications
? Venue: 2008 4th Advanced Satellite Mobile Systems Proceedings Asms 2008
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Doi: 10.1109/Asms.2008.40
? Scopus ID: 2-s2.0-57849158305
? Pages: 192-197
? Authors: Bisio Igor; Marchese Mario; De Cola Tomaso
? Keywords: Congestion control | Delay tolerant network architecture | Interplanetary networks | Next-hop selection
? Source Id: 14000156214
? Author Ids: 8546192900;7004398165;10739364500
? Authoraffiliationids: 60025153;60025153;60007798
? Corresponding: Bisio I.
151.
? Title: Efficient satellite-based sensor networks for information retrieval
? Venue: IEEE Systems Journal
? Year: 2008
? Type: Journal
? Subtype: Article
? Citations: 39
? Doi: 10.1109/Jsyst.2008.2004850
? Scopus ID: 2-s2.0-58549112376
? Issn: 19328184
? eISSN: 19379234
? Volume: 2
? Issue: 4
? Pages: 464-475
? Authors: Bisio Igor; Marchese Mario
? Keywords: Monitoring system | Multi-attribute programming | Performance evaluation | Satellite infrastructures | Sensor networks and sink selection
? Quartile:
  2025:

 ? Computer Networks and Communications (Q1, rank 25, percentile 95)
 ? Electrical and Electronic Engineering (Q1, rank 49, percentile 95)
 ? Control and Systems Engineering (Q1, rank 25, percentile 93)
 ? Computer Science Applications (Q1, rank 68, percentile 93)
 ? Information Systems (Q1, rank 35, percentile 93)
? Source Id: 11300153734
? Author Ids: 8546192900;7004398165
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bisio I.

152.
? Title: Congestion aware routing strategies for DTN-based interplanetary networks
? Venue: Globecom IEEE Global Telecommunications Conference
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 38
? Doi: 10.1109/Glocom.2008.Ecp.262
? Scopus ID: 2-s2.0-67249117303
? Pages: 1332-1336
? Authors: Bisio Igor; Marchese Mario; De Cola Tomaso
? Keywords: Congestion control | Delay tolerant network architecture | Interplanetary networks | Next-hop selection
? Source Id: 145242
? Author Ids: 8546192900;7004398165;10739364500
? Authoraffiliationids: 60025153;60025153;60007798
? Corresponding: Bisio I.

153.
? Title: Attributes definitions and measurement methods for madm based sink selection controls in satellite sensor networks
? Venue: Globecom IEEE Global Telecommunications Conference
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Doi: 10.1109/Glocom.2008.Ecp.541
? Scopus ID: 2-s2.0-67249100740
? Pages: 2822-2826
? Authors: Bisio Igor; Marchese Mario
? Keywords: Multi attribute programming and performance evaluation | Satellite sensor networks | Sink selection
? Source Id: 145242
? Author Ids: 8546192900;7004398165
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bisio I.

154.
? Title: Packet loss and delay combined optimization for satellite channel bandwidth allocation controls
? Venue: IEEE International Conference on Communications
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1109/Icc.2008.365
? Scopus ID: 2-s2.0-51249114729

155.
? Title: Performance evaluation of bandwidth allocation methods in a geostationary satellite channel in the presence of internet traffic
? Venue: Computer Networks
? Year: 2008
? Type: Journal
? Subtype: Article
? Citations: 29
? DOI: 10.1016/j.comnet.2007.09.003
? Scopus ID: 2-s2.0-36048942747
? Issn: 13891286
? Volume: 52
? Issue: 1
? Pages: 275-291
? Authors: Bisio Igor; Marchese Mario
? Keywords: Congestion control | Performance evaluation | Resource allocation | TCP
? Quartile:
  2025:
  ? Computer Networks and Communications (Q1, rank 96, percentile 82)
? Source Id: 26811
? Author Ids: 8546192900;7004398165
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bisio I.

156.
? Title: Dynamic bandwidth allocation criteria over satellite networks
? Venue: Globecom IEEE Global Telecommunications Conference
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Glocom.2007.950
? Scopus ID: 2-s2.0-39349104173
? Pages: 5011-5015
? Authors: Bisio Igor; Marchese Mario
? Keywords: Bandwidth allocation | Multi-attribute programming | Performance evaluation | Satellite systems
? Source Id: 145242
? Author Ids: 8546192900;7004398165
? Authoraffiliationids: 60000251-60025153;60000251-60025153
? Corresponding: Bisio I.

157.
? Title: Multi attribute based algorithm for reliable satellite-based sensor networks
? Venue: Globecom IEEE Global Telecommunications Conference
? Year: 2007
? Type: Conference Proceeding

? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Glocom.2007.951
? Scopus ID: 2-s2.0-39349088337
? Pages: 5016-5020
? Authors: Bisio Igor; Marchese Mario; Portomauro Giancarlo
? Keywords: Efficiency requirements | Monitoring systems | Multi attribute programming | Satellite sensor networks
? Source Id: 145242
? Author Ids: 8546192900;7004398165;15128054100
? Authoraffiliationids: 60000251-60025153;60000251-60025153;60000251
? Corresponding: Bisio I.

158.
? Title: Performance study of bandwidth allocation techniques for QoS-constrained satellite networks
? Venue: IEEE International Conference on Communications
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Icc.2007.11
? Scopus ID: 2-s2.0-38549131702
? Issn: 05361486
? Pages: 7-12
? Authors: Bisio Igor; Marchese Mario
? Keywords: Bandwidth allocation | Multi-attribute programming | Performance evaluation | Quality of service | Satellite systems
? Source Id: 33201
? Author Ids: 8546192900;7004398165
? Authoraffiliationids: 60000251-60025153;60000251-60025153
? Corresponding: Bisio I.

159.
? Title: Satellite Earth Station (SES) selection method for satellite-based sensor networks
? Venue: IEEE Communications Letters
? Year: 2007
? Type: Journal
? Subtype: Article
? Citations: 38
? Doi: 10.1109/Lcomm.2007.071246
? Scopus ID: 2-s2.0-38149137950
? Issn: 10897798
? Volume: 11
? Issue: 12
? Pages: 970-972
? Authors: Bisio Igor; Marchese Mario
? Keywords: Multi attribute programming | Network optimization | Performance evaluation | Satellite sensor networks
? Quartile:
 2025:
  ? Modeling and Simulation (Q1, rank 25, percentile 93)
  ? Electrical and Electronic Engineering (Q1, rank 140, percentile 86)
  ? Computer Science Applications (Q1, rank 167, percentile 83)
? Source Id: 18896

? Author Ids: 8546192900;7004398165

? Authoraffiliationids: 60025153;60025153

? Corresponding: Bisio I.

160.

? Title: Resource allocation over grid computing military networks

? Venue: Proceedings IEEE Military Communications Conference MILCOM

? Year: 2007

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1109/Milcom.2006.302078

? Scopus ID: 2-s2.0-35148836131

? Authors: Bisio Igor; Marchese Mario; Mongelli Maurizio; Raviola Annamaria

? Source Id: 87683

? Author Ids: 8546192900;7004398165;7005882346;6507642471

? Authoraffiliationids: 60025153;60025153;60025153;60083763

? Corresponding: Bisio I.

161.

? Title: Minimum distance bandwidth allocation over space communications

? Venue: IEEE Communications Letters

? Year: 2007

? Type: Journal

? Subtype: Article

? Citations: 10

? Doi: 10.1109/Lcomm.2007.060969

? Scopus ID: 2-s2.0-33947667492

? Issn: 10897798

? Volume: 11

? Issue: 1

? Pages: 19-21

? Authors: Bisio Igor; Marchese Mario

? Keywords: Bandwidth allocation | Multi-objective programming | Performance evaluation
| Space communications

? Quartile:

2025:

? Modeling and Simulation (Q1, rank 25, percentile 93)

? Electrical and Electronic Engineering (Q1, rank 140, percentile 86)

? Computer Science Applications (Q1, rank 167, percentile 83)

? Source Id: 18896

? Author Ids: 8546192900;7004398165

? Authoraffiliationids: 60025153;60025153

? Corresponding: Bisio I.

162.

? Title: QoS-constrained MOP-based bandwidth allocation over space networks

? Venue: Globecom IEEE Global Telecommunications Conference

? Year: 2006

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.1109/Glocom.2006.519

? Scopus ID: 2-s2.0-50949131720

? Authors: Bisio Igor; Marchese Mario

? Keywords: Multi objective programming | Performance evaluation | Resource allocation
| Satellite channel

? Source Id: 145242
? Author Ids: 8546192900;7004398165
? Authoraffiliationids: 60000251-60025153;60000251-60025153
? Corresponding: Bisio I.

163.
? Title: Performance evaluation of sink selection techniques in satellite sensor networks
? Venue: Globecom IEEE Global Telecommunications Conference
? Year: 2006
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Doi: 10.1109/Glocom.2006.528
? Scopus ID: 2-s2.0-50949121186
? Authors: Bisio Igor; Marchese Mario; Portomauro Giancarlo
? Keywords: Multi attribute programming | Performance evaluation | Satellite sensor network
? Source Id: 145242
? Author Ids: 8546192900;7004398165;15128054100
? Authoraffiliationids: 60000251-60025153;60000251-60025153;60025153
? Corresponding: Bisio I.

164.
? Title: Multi attribute sink selection techniques in satellite sensor networks: Study and performance evaluation
? Venue: 2006 International Workshop on Satellite and Space Communications Iwssc
? Year: 2006
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Iwssc.2006.256022
? Scopus ID: 2-s2.0-45149133139
? Pages: 193-197
? Authors: Bisio Igor; Marchese Mario; Portomauro Giancarlo
? Keywords: Multi attribute programming | Performance evaluation | Satellite sensor network
? Source Id: 11700154645
? Author Ids: 8546192900;7004398165;15128054100
? Authoraffiliationids: 60000251-60025153;60000251-60025153;60025153
? Corresponding: Bisio I.

165.
? Title: Bandwidth allocation strategies for TCP/IP traffic over high altitude platform: A multi-objective programming approach
? Venue: IEEE International Conference on Communications
? Year: 2006
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Icc.2006.255000
? Scopus ID: 2-s2.0-42549118193
? Issn: 05361486
? Volume: 4
? Pages: 1915-1920
? Authors: Bisio Igor; Marchese Mario
? Keywords: Dynamic bandwidth allocation | HAP | Multi-objective programming |

Performance evaluation | TCP
  ? Source Id: 33201
  ? Author Ids: 8546192900;7004398165
  ? Authoraffiliationids: 60000251-60025153;60000251-60025153
  ? Corresponding: Bisio I.
166.
  ? Title: Information distribution techniques in sensor networks via satellite
  ? Venue: IEEE International Conference on Communications
  ? Year: 2006
  ? Type: Conference Proceeding
  ? Subtype: Conference Paper
  ? Citations: 4
  ? Doi: 10.1109/Icc.2006.254993
  ? Scopus ID: 2-s2.0-34547300637
  ? Issn: 05361486
  ? Volume: 4
  ? Pages: 1873-1878
  ? Authors: Bisio Igor; Marchese Mario; Portomauro Giancarlo; Mursia Agatino
  ? Keywords: Multi attribute programming | Satellite channels | Sensor network
  ? Source Id: 33201
  ? Author Ids: 8546192900;7004398165;15128054100;15128056300
  ? Authoraffiliationids: 60000251-60025153;60000251-60025153;60025153;122327101
  ? Corresponding: Bisio I.
167.
  ? Title: Study and performance evaluation of bandwidth controls over high altitude
  platforms
  ? Venue: Proceedings IEEE Symposium on Computers and Communications
  ? Year: 2006
  ? Type: Conference Proceeding
  ? Subtype: Conference Paper
  ? Citations: 1
  ? Doi: 10.1109/Iscc.2006.155
  ? Scopus ID: 2-s2.0-34547328715
  ? Issn: 15301346
  ? Pages: 641-646
  ? Authors: Bisio Igor; Marchese Mario
  ? Keywords: Dynamic bandwidth allocation | HAP communications | Multi-objective
  programming | Pareto optimality | Performance evaluation | TCP
  ? Quartile:
   2025:
   ? Mathematics (all) (Q2, rank 119, percentile 71)
   ? Signal Processing (Q3, rank 107, percentile 45)
   ? Computer Networks and Communications (Q3, rank 310, percentile 43)
   ? Computer Science Applications (Q3, rank 626, percentile 36)
   ? Software (Q3, rank 334, percentile 33)
  ? Source Id: 18707
  ? Author Ids: 8546192900;7004398165
  ? Authoraffiliationids: 60000251-60025153;60000251-60025153
  ? Corresponding: Bisio I.
168.
  ? Title: Analytical approximations of the TCP throughput and Packet Loss Probability in
   multi-service communication networks
  ? Venue: International Symposium on Performance Evaluation of Computer and
  Telecommunication Systems 2005 Spects 05 Part of the 2005 Summer Simulation

Multiconference Summersim 05
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-84870035442
? Pages: 86-95
? Authors: Bisio Igor; Marchese Mario
? Keywords: Closed Form Approximation | Packet Loss Probability | Performance Evaluation | TCP | Throughput
? Source Id: 21100220412
? Author Ids: 8546192900;7004398165
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bisio I.
169.
? Title: Analysis of the TCP round trip time over asymmetric DVB-RCS systems
? Venue: Globecom IEEE Global Telecommunications Conference
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Glocom.2005.1578375
? Scopus ID: 2-s2.0-33846615564
? Volume: 6
? Pages: 3248-3252
? Authors: Bisio Igor; Marchese Mario
? Keywords: Analytical analysis | DVB-RCS | Round trip time | Satellite network | Transmission control protocol
? Source Id: 145242
? Author Ids: 8546192900;7004398165
? Authoraffiliationids: 60000251-60025153;60000251-60025153
? Corresponding: Bisio I.
170.
? Title: Comparative performance evaluation for information distribution methods in satellite-based sensor networks
? Venue: 2nd International Symposium on Wireless Communications Systems 2005 Iswcs 2005 Conference Proceedings
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Iswcs.2005.1547801
? Scopus ID: 2-s2.0-33845311888
? Volume: 2005
? Pages: 719-723
? Authors: Bisio Igor; Marchese Mario; Portomauro Giancarlo; Scapigliati Fabio; Mursia Agatino
? Keywords: Flooding schemes | Multi attribute programming | Performance evaluation | Satellite channels | Sensor network | Signalling
? Source Id: 5100152411
? Author Ids: 8546192900;7004398165;15128054100;15127975000;15128056300
? Authoraffiliationids: 60000251-60025153;60000251-60025153;60025153;60025153;60083763
? Corresponding: Bisio I.
171.

? Title: Bandwidth allocation in geostationary satellite faded channels for internet traffic
? Venue: 2nd International Symposium on Wireless Communications Systems 2005 Iswcs 2005 Conference Proceedings
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Iswcs.2005.1547837
? Scopus ID: 2-s2.0-33845307623
? Volume: 2005
? Pages: 878-882
? Authors: Bisio Igor; Marchese Mario
? Source Id: 5100152411
? Author Ids: 8546192900;7004398165
? Authoraffiliationids: 60000251-60025153;60000251-60025153
? Corresponding: Bisio I.

172.
? Title: Performance comparison of two resource allocation strategies in satellite environment
? Venue: IEEE International Conference on Communications
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-24144467458
? Issn: 05361486
? Volume: 3
? Pages: 1473-1477
? Authors: Bisio Igor; Marchese Mario
? Keywords: Performance comparison | Resource allocation | Traffic separation | Transmission Control Protocol
? Source Id: 33201
? Author Ids: 8546192900;7004398165
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bisio I.

173.
? Title: Analytical analysis of TCP performance over geostationary satellite channel
? Venue: IEEE International Conference on Communications
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-24144465681
? Issn: 05361486
? Volume: 3
? Pages: 1454-1458
? Authors: Bisio Igor; Marchese Mario
? Keywords: Congestion control | Satellite communication | System performance | Transport protocols
? Source Id: 33201
? Author Ids: 8546192900;7004398165
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bisio I.

174.
  ? Title: E-CAP-ABASC versus CAP-ABASC: Comparison of two resource allocation strategies in satellite environment
  ? Venue: Space Communications
  ? Year: 2004
  ? Type: Journal
  ? Subtype: Article
  ? Citations: 5
  ? Scopus ID: 2-s2.0-28544442463
  ? Issn: 09248625
  ? Volume: 19
  ? Issue: 3-4
  ? Pages: 171-182
  ? Authors: Bisio Igor; Marchese Mario
  ? Keywords: Congestion control | Performance evaluation | Resource Allocation | TCP
  ? Source Id: 12897
  ? Author Ids: 8546192900;7004398165
  ? Authoraffiliationids: 60025153;60025153
  ? Corresponding: Bisio I.
175.
  ? Title: Analytical expression and performance evaluation of TCP packet loss probability over geostationary satellite
  ? Venue: IEEE Communications Letters
  ? Year: 2004
  ? Type: Journal
  ? Subtype: Article
  ? Citations: 32
  ? Doi: 10.1109/Lcomm.2004.825723
  ? Scopus ID: 2-s2.0-2442533992
  ? Issn: 10897798
  ? Volume: 8
  ? Issue: 4
  ? Pages: 232-234
  ? Authors: Bisio Igor; Marchese Mario
  ? Keywords: Communication system performance | Flow control | Satellite communication | Transport protocols
  ? Quartile:
   2025:
   ? Modeling and Simulation (Q1, rank 25, percentile 93)
   ? Electrical and Electronic Engineering (Q1, rank 140, percentile 86)
   ? Computer Science Applications (Q1, rank 167, percentile 83)
  ? Source Id: 18896
  ? Author Ids: 8546192900;7004398165
  ? Authoraffiliationids: 60103966;60103966
  ? Corresponding: Bisio I.