

## GIANOGGIO CHRISTIAN

### Overview

? Unit: ICT

? Role: Ricercatore

? Grade: Ricercatore t.d. art. 24 c. 3 lett. A Legge 240/10 (t.pieno)

? SSD: IINF-01/A (Elettronica)

? Scopus ID: 56580140000

? Unige Id: 350264

? Retrieved at: 2025-11-14T15:16:30.373083

### Contact

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? Page: <https://rubrica.unige.it/personale/VkZHWVxt>

? Locations: Opera Pia - padiglione D (ED161450401), 3° piano, US161450401.III.025

### Career

? Dr, 2015-11-01 ? 2018-10-31

? Cb, 2017-02-22 ? 2022-01-31

? Ar, 2018-11-02 ? 2022-01-31

? Rd, 2022-02-01 ? 2027-01-31

### Teaching

2025

? Elettronica (72344), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Elettronica 2 (108693), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

2024

? Laboratorio Di Elettronica (108693), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Elettronica (72344), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Elettronica (72344), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

2023

? Elettronica Dei Sistemi Digitali (72345), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Laboratorio Di Elettronica (84428), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Modulo B Di Sistemi Elettronici Embedded (72531), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

2022

? Laboratorio Di Elettronica (84428), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Elettronica Dei Sistemi Digitali (72345), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Modulo B Di Sistemi Elettronici Embedded (72531), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

2021

? Laboratorio Di Elettronica (84428), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Elettronica Dei Sistemi Digitali (72345), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

2020

? Elettronica Dei Sistemi Digitali (72345), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

#### Scopus Metrics

? absolute; Docs: 65; Journals: 26; Conferences: 29; Citations: 365; H-index: 12

? 15 years (2010-2025); Docs: 65; Journals: 26; Conferences: 29; Citations: 365; H-index: 12

? 10 years (2015-2025); Docs: 65; Journals: 26; Conferences: 29; Citations: 365; H-index: 12

? 05 years (2020-2025); Docs: 48; Journals: 23; Conferences: 15; Citations: 263; H-index: 11

#### Scopus Products

1.  
? Title: Scleral Thickness in Eyes with Pachychoroid Pigment Epitheliopathy Accompanied by Keratoconus

? Venue: Ophthalmology Science

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 1

? DOI: 10.1016/j.xops.2025.100808

? Scopus ID: 2-s2.0-105007302018

? eISSN: 26669145

? Volume: 5

? Issue: 5

? Authors: Forte Paolo; Feo Alessandro; Koizumi Hideki; Borrelli Enrico; Manocchio Riccardo; Di Cello Luca; Biagini Francesco; Macocco Francesco; Drago Gabriele; Forte Giovanni; Vagge Aldo; Gianoglio Christian; Fontana Vincenzo; Iester Michele; Nicolini Massimo; Romano Mario R.; Bonzano Chiara

? Keywords: Keratoconus | OCT | Pachychoroid | Pachychoroid pigment epitheliopathy | Sclera

? Quartile:

2025:

? Ophthalmology (Q1, rank 15, percentile 89)

? Source Id: 21101133324

? Author Ids: 57366285600;57997067300;16233685100;56197063800;58091878400;57211746008;57278377100;57216968194;59929411200;59450248300;56465995300;56580140000;7006017144;7006835024;7003524271;35249070500;57197731841

? Authoraffiliationids: 60107402-60025153;60107210;60002375;60012259-60111308;60107402-60025153;60107402-60025153;60107402-60025153;60107402-60025153;60107402-60025153;60015197;60107402-60025153;60025153;60025153;60107402-60025153;60107402-60025153;60107210-60110893;60107402-60025153

? Corresponding: Forte P.

2.

? Title: FPGA Implementation of a Convolutional Recurrent Neural Network for Real-Time Sensor Data Processing

? Venue: Lecture Notes in Electrical Engineering

? Year: 2025

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/978-3-031-71518-1\_30  
? Scopus ID: 2-s2.0-85216019993  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1263 Lnee  
? Pages: 258-265  
? Authors: Testa Riccardo; Yaacoub Mohamad; Gianoglio Christian; Valle Maurizio  
? Keywords: Artificial Skin | Field Programmable Gate Array (FPGA) | Tiny Machine Learning  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
? Source Id: 19700186822  
? Author Ids: 58637653600;58763723900;56580140000;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Testa R.

3.

? Title: On-Edge 1-D Convolutional Neural Network for Hand-Gesture Classification  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2025  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-031-71518-1\_56  
? Scopus ID: 2-s2.0-85216008557  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1263 Lnee  
? Pages: 462-467  
? Authors: Shebly Daniella; Ali Haydar Al Haj; Yaacoub Mohamad; Chibli Hussein; Valle Maurizio; Gianoglio christian  
? Keywords: embedded system | hand gestures recognition | Real-time classification  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
? Source Id: 19700186822  
? Author Ids: 59526780600;57889924900;58763723900;59527648400;57197744325;56580140000  
? Authoraffiliationids: 60025153-60068774;60025153;60025153;60068774;60025153;60025153  
? Corresponding: Shebly D.

4.

? Title: Pilot Study: Experimental Analysis of PVDF Sensors Response to Slippage  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2025  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-031-71518-1\_27  
? Scopus ID: 2-s2.0-85215991833  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1263 Lnee  
? Pages: 238-243  
? Authors: Khalifeh Razan; Gianoglio Christian; Abbass Yahya; Valle Maurizio  
? Keywords: Object manipulation | PVDF sensors | slippage | tactile sensing system

? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
? Source Id: 19700186822  
? Author Ids: 59526819900;56580140000;57211312886;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Khalifeh R.

5.

? Title: Investigating Cutaneous Mechanoreceptors for Neuromorphic Tactile Texture Classification  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2025  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-031-71518-1\_55  
? Scopus ID: 2-s2.0-85215987223  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1263 Lnee  
? Pages: 456-461  
? Authors: Ali Haydar Al Haj; Abbass Yahya; Gianoglio Christian; Valle Maurizio  
? Keywords: computational cost | mechanoreceptors | Tactile sensing system  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
? Source Id: 19700186822  
? Author Ids: 57889924900;57211312886;56580140000;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Ali H.A.H.

6.

? Title: Machine Learning Based Contact Force Estimation Using a PVDF Tactile Sensing System  
? Venue: 2025 23rd IEEE Interregional Newcas Conference Newcas 2025  
? Year: 2025  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? DOI: 10.1109/NewCAS64648.2025.11107072  
? Scopus ID: 2-s2.0-105015557499  
? Pages: 430-434  
? Authors: Yaacoub Mohamad; Khalifeh Razan; Gianoglio Christian; Ibrahim Ali; Seminara Lucia  
? Keywords: Contact force | machine learning | piezoelectric polymers | tactile sensing systems  
? Source Id: 21101328533  
? Author Ids: 58763723900;59526819900;56580140000;57199654883;19338029900  
? Authoraffiliationids: 60025153;60025153;60025153;60112476;60112476  
? Corresponding: Yaacoub M.

7.

? Title: A Review of Technical Aspects and Challenges in Opportunistic Rainfall Estimation Using Satellite and Terrestrial Microwave Links: How wireless infrastructure can be used for rainfall monitoring  
? Venue: IEEE Geoscience and Remote Sensing Magazine

? Year: 2025  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Doi: 10.1109/Mgrs.2025.3573645  
? Scopus ID: 2-s2.0-105012466633  
? Issn: 24732397  
? eISSN: 21686831  
? Authors: Nebuloni Roberto; Giannetti Filippo; Sapienza Fabiola; Lottici Vincenzo; Adirosi Elisa; Roversi Giacomo; Covi Elia; Gianoglio Christian; Colli Matteo; De Michele Carlo  
? Quartile:  
2025:  
? Earth and Planetary Sciences (all) (Q1, rank 1, percentile 99)  
? Instrumentation (Q1, rank 2, percentile 99)  
? Electrical and Electronic Engineering (Q1, rank 10, percentile 99)  
? Computer Science (all) (Q1, rank 3, percentile 98)  
? Source Id: 21100338322  
? Author Ids: 8579978400;57193672546;57610739400;6602501403;55927905800;57219799939;59805396100;56580140000;48161076500;6603663168  
? Authoraffiliationids: 60021199;60028868;60028868;60028868;60021199;60013494;101282439;60025153;132933913;60023256  
? Corresponding: Nebuloni R.

8.

? Title: Real-Time Object Recognition Based on Parallel Ultra-Low-Power Microcontroller: A case study on Multisensory Glove  
? Venue: Proceedings IEEE International Symposium on Circuits and Systems  
? Year: 2025  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1109/Isccas56072.2025.11044209  
? Scopus ID: 2-s2.0-105010656392  
? Issn: 02714310  
? Authors: Testa Riccardo; Yaacoub Mohamad; Gianoglio Christian; Valle Maurizio  
? Keywords: latency | Machine learning | microcontroller | power consumption | wearable systems  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q3, rank 652, percentile 34)  
? Source Id: 56190  
? Author Ids: 58637653600;58763723900;56580140000;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Testa R.

9.

? Title: Wearable Multisensory Glove for Shape, Size, and Stiffness Recognition Based on Off-the-Shelf Components  
? Venue: IEEE Sensors Letters  
? Year: 2025  
? Type: Journal  
? Subtype: Article  
? Citations: 1  
? Doi: 10.1109/Lsens.2025.3548264  
? Scopus ID: 2-s2.0-105003143674

? eISSN: 24751472  
? Volume: 9  
? Issue: 4  
? Authors: Yaacoub Mohamad; Ibrahim Ali; Khansa Fatima; Hammadi Leila; Gianoglio Christian  
? Keywords: machine learning (ML) | object recognition | Sensor applications | sensor systems | TinyML | wearable glove  
? Quartile:  
2025:  
? Instrumentation (Q2, rank 70, percentile 63)  
? Electrical and Electronic Engineering (Q2, rank 397, percentile 60)  
? Source Id: 21100976671  
? Author Ids: 58763723900;57199654883;59677613900;59677614000;56580140000  
? Authoraffiliationids: 60025153;60112476;60112476;60025153;60025153  
? Corresponding: Yaacoub M.

10.

? Title: Data Glove System: Real-Time Resistance Classification with Embedded Machine Learning  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2025  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-031-84100-2\_67  
? Scopus ID: 2-s2.0-105000822312  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1369 Lnee  
? Pages: 563-570  
? Authors: Yaacoub Mohamad; Vanlaeres Matthias; Shebly Daniella; Valle Maurizio; Gianoglio Christian  
? Keywords: Data glove | machine learning (ML) | TinyML | wearable system  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
? Source Id: 19700186822  
? Author Ids: 58763723900;59706037600;59526780600;57197744325;56580140000  
? Authoraffiliationids: 60025153;60104653;60025153-60068774;60025153;60025153  
? Corresponding: Yaacoub M.

11.

? Title: Neuromorphic Tactile Sensing System for Textural Features Classification  
? Venue: IEEE Sensors Journal  
? Year: 2024  
? Type: Journal  
? Subtype: Article  
? Citations: 8  
? Doi: 10.1109/Jsen.2024.3382369  
? Scopus ID: 2-s2.0-85189829907  
? Issn: 1530437x  
? eISSN: 15581748  
? Volume: 24  
? Issue: 10  
? Pages: 17193-17207  
? Authors: Al Haj Ali Haydar; Abbass Yahya; Gianoglio Christian; Ibrahim Ali; Oh

Changjae; Valle Maurizio

? Keywords: Gratings | recurrent spiking neural network (RSNN) | refractory period | spatiotemporal | tactile sensing system | textural features

? Quartile:

2025:

? Instrumentation (Q1, rank 27, percentile 85)

? Electrical and Electronic Engineering (Q1, rank 175, percentile 82)

2024:

? Instrumentation (Q1, rank 20, percentile 88)

? Electrical and Electronic Engineering (Q1, rank 143, percentile 85)

? Source Id: 15047

? Author Ids: 57889924900;57211312886;56580140000;57199654883;55391262000;57197744325

? Authoraffiliationids: 60025153;60025153;60025153;60112476-60025153;60022109;60025153

? Corresponding: Al Haj Ali H.

12.

? Title: On Edge Human Action Recognition Using Radar-Based Sensing and Deep Learning

? Venue: IEEE Transactions on Industrial Informatics

? Year: 2024

? Type: Journal

? Subtype: Article

? Citations: 12

? Doi: 10.1109/Tii.2023.3316164

? Scopus ID: 2-s2.0-85174843792

? Issn: 15513203

? eISSN: 19410050

? Volume: 20

? Issue: 3

? Pages: 4160-4172

? Authors: Gianoglio Christian; Mohanna Ammar; Rizik Ali; Moroney Laurence; Valle Maurizio

? Keywords: Action recognition | deep neural networks (DNNs) | edge deployment | frequency-modulated continuous wave (FMCW) radar

? Quartile:

2025:

? Information Systems (Q1, rank 9, percentile 98)

? Electrical and Electronic Engineering (Q1, rank 20, percentile 98)

? Computer Science Applications (Q1, rank 22, percentile 97)

? Control and Systems Engineering (Q1, rank 9, percentile 97)

2024:

? Control and Systems Engineering (Q1, rank 6, percentile 98)

? Information Systems (Q1, rank 8, percentile 98)

? Computer Science Applications (Q1, rank 16, percentile 98)

? Electrical and Electronic Engineering (Q1, rank 19, percentile 98)

? Source Id: 144912

? Author Ids: 56580140000;57427666800;57214804817;57225033999;57197744325

? Authoraffiliationids: 60025153;130370585;60012259;60006191;60025153

? Corresponding: Gianoglio C.

13.

? Title: On the Edge Recurrent Neural Network Approach for Ground Moving FMCW Radar Target Classification

? Venue: IEEE Transactions on Consumer Electronics

? Year: 2024

? Type: Journal

? Subtype: Article

? Citations: 6  
? Doi: 10.1109/Tce.2023.3343460  
? Scopus ID: 2-s2.0-85180329478  
? Issn: 00983063  
? eISSN: 15584127  
? Volume: 70  
? Issue: 1  
? Pages: 522-534  
? Authors: Gianoglio Christian; Rizik Ali; Tavanti Emanuele; Caviglia Daniele D.;  
Randazzo Andrea  
? Keywords: and target classification | Deep neural networks | radar | recurrent neural  
networks  
? Quartile:  
2025:  
? Media Technology (Q1, rank 9, percentile 88)  
? Electrical and Electronic Engineering (Q1, rank 157, percentile 84)  
2024:  
? Media Technology (Q1, rank 16, percentile 77)  
? Electrical and Electronic Engineering (Q2, rank 256, percentile 73)  
? Source Id: 26048  
? Author Ids: 56580140000;57214804817;57038817000;7004012654;7006280562  
? Authoraffiliationids: 60025153;60012162;60028868;60025153;60025153  
? Corresponding: Gianoglio C.

14.

? Title: On Edge Pinch Force Classification Using IMU Sensors and Convolutional Neural  
Networks  
? Venue: Proceedings of the IEEE International Conference on Electronics Circuits and  
Systems  
? Year: 2024  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1109/Icecs61496.2024.10848891  
? Scopus ID: 2-s2.0-85217622442  
? Issn: 29945755  
? eISSN: 29950589  
? Authors: Shebly Daniella; Gianoglio Christian; Haj Ali Haydar Al; Chible Hussein;  
Yaacoub Mohamad; Valle Maurizio  
? Keywords: 2D-Convolutional Neural Network | Inertial Measurement Unit (IMU) |  
Resistivity Classification  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q4, rank 913, percentile 8)  
2024:  
? Electrical and Electronic Engineering (Q4, rank 941, percentile 2)  
? Source Id: 91096  
? Author Ids: 59526780600;56580140000;57889924900;7801443090;58763723900;57197744325  
? Authoraffiliationids: 60025153-60068774;60025153;60025153;60068774;60025153;60025153  
? Corresponding: Shebly D.

15.

? Title: Multisensory Wearable Glove for Object Recognition Based Embedded Machine  
Learning  
? Venue: Proceedings of the IEEE International Conference on Electronics Circuits and  
Systems



? Year: 2024  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1109/Icecs61496.2024.10848876  
? Scopus ID: 2-s2.0-85217621983  
? Issn: 29945755  
? eISSN: 29950589  
? Authors: Yaacoub Mohamad; Al Haj Ali Haydar; Gianoglio Christian; Valle Maurizio; Ibrahim Ali  
? Keywords: embedded machine learning | object recognition | Wearable glove  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q4, rank 913, percentile 8)  
2024:  
? Electrical and Electronic Engineering (Q4, rank 941, percentile 2)  
? Source Id: 91096  
? Author Ids: 58763723900;57889924900;56580140000;57197744325;57199654883  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60112476  
? Corresponding: Yaacoub M.

16.

? Title: Rainfall Classification in Genoa: Machine Learning Versus Adaptive Statistical Models Using Satellite Microwave Links  
? Venue: IEEE Access  
? Year: 2024  
? Type: Journal  
? Subtype: Article  
? Citations: 2  
? Doi: 10.1109/Access.2024.3458407  
? Scopus ID: 2-s2.0-85204129208  
? eISSN: 21693536  
? Volume: 12  
? Pages: 132744-132753  
? Authors: Gianoglio Christian; Zani Sara; Colli Matteo; Caviglia Daniele D.  
? Keywords: machine learning | rainfall prediction | Satellite microwave links | smart rainfall system  
? 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: 56580140000;58100411300;48161076500;7004012654  
? Authoraffiliationids: 60025153;123864795;123864795;60025153  
? Corresponding: Gianoglio C.

17.

? Title: Hardness Discrimination Using Piezoelectric-Based Biomimetic Tactile Sensor and Machine Learning  
? Venue: IEEE Sensors Letters  
? Year: 2024

? Type: Journal  
? Subtype: Article  
? Citations: 4  
? Doi: 10.1109/Lsens.2024.3431430  
? Scopus ID: 2-s2.0-85199361260  
? eISSN: 24751472  
? Volume: 8  
? Issue: 8  
? Authors: Bassal Hussein; Abbass Yahya; Gianoglio Christian; Valle Maurizio  
? Keywords: hardness discrimination | machine learning (ML) | Sensor systems | signal processing | tactile information | tactile sensing  
? Quartile:  
2025:  
? Instrumentation (Q2, rank 70, percentile 63)  
? Electrical and Electronic Engineering (Q2, rank 397, percentile 60)  
2024:  
? Instrumentation (Q2, rank 77, percentile 56)  
? Electrical and Electronic Engineering (Q2, rank 434, percentile 55)  
? Source Id: 21100976671  
? Author Ids: 59231473100;57211312886;56580140000;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bassal H.

18.

? Title: Texture Perception Using Tactile Sensing Glove Based on PVDF Sensors and Machine Learning  
? Venue: IEEE Sensors Letters  
? Year: 2024  
? Type: Journal  
? Subtype: Article  
? Citations: 9  
? Doi: 10.1109/Lsens.2024.3418500  
? Scopus ID: 2-s2.0-85197096868  
? eISSN: 24751472  
? Volume: 8  
? Issue: 7  
? Authors: Abbass Yahya; Gianoglio Christian; Ali Haydar Al Haj; Saleh Moustafa; Valle Maurizio  
? Keywords: machine learning (ML) | Sensor systems | tactile sensing glove | textural features | texture discrimination | wearable sensing systems  
? Quartile:  
2025:  
? Instrumentation (Q2, rank 70, percentile 63)  
? Electrical and Electronic Engineering (Q2, rank 397, percentile 60)  
2024:  
? Instrumentation (Q2, rank 77, percentile 56)  
? Electrical and Electronic Engineering (Q2, rank 434, percentile 55)  
? Source Id: 21100976671  
? Author Ids: 57211312886;56580140000;57889924900;57204771075;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Abbass Y.

19.

? Title: Digital Architecture for the n-mode Tensor-Matrix Multiplication Based on Pipelined Computing Units  
? Venue: Proceedings of the IEEE International Conference on Electronics Circuits and

## Systems

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1109/Icecs61496.2024.10848931

? Scopus ID: 2-s2.0-105001476791

? Issn: 29945755

? eISSN: 29950589

? Authors: Ragusa Edoardo; Gianoglio Christian; Valle Maurizio; Gastaldo Paolo

? Keywords: Digital Architectures | Low-Power | Multidimensional Array | Tensors

? Quartile:

2025:

? Electrical and Electronic Engineering (Q4, rank 913, percentile 8)

2024:

? Electrical and Electronic Engineering (Q4, rank 941, percentile 2)

? Source Id: 91096

? Author Ids: 56580248800;56580140000;57197744325;35612596100

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Ragusa E.

20.

? Title: Embedded real-time objects? hardness classification for robotic grippers

? Venue: Future Generation Computer Systems

? Year: 2023

? Type: Journal

? Subtype: Article

? Citations: 26

? DOI: 10.1016/j.future.2023.06.002

? Scopus ID: 2-s2.0-85162218592

? Issn: 0167739x

? Volume: 148

? Pages: 211-224

? Authors: Amin Youssef; Gianoglio Christian; Valle Maurizio

? Keywords: Hardness classification | Machine learning | Resource-constrained devices | Robotic grippers | Tactile sensing

? Quartile:

2025:

? Hardware and Architecture (Q1, rank 5, percentile 98)

? Computer Networks and Communications (Q1, rank 15, percentile 97)

? Software (Q1, rank 26, percentile 94)

2023:

? Computer Networks and Communications (Q1, rank 8, percentile 98)

? Hardware and Architecture (Q1, rank 5, percentile 97)

? Software (Q1, rank 17, percentile 95)

? Source Id: 12264

? Author Ids: 57223977236;56580140000;57197744325

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Amin Y.

21.

? Title: Trade-off Between Accuracy and Computational Cost With Neural Architecture Search: A Novel Strategy for Tactile Sensing Design

? Venue: IEEE Sensors Letters

? Year: 2023

? Type: Journal

? Subtype: Article  
? Citations: 12  
? Doi: 10.1109/Lsens.2023.3273733  
? Scopus ID: 2-s2.0-85159800531  
? eISSN: 24751472  
? Volume: 7  
? Issue: 5  
? Authors: Gianoglio Christian; Ragusa Edoardo; Gastaldo Paolo; Valle Maurizio  
? Keywords: convolutional neural networks (CNNs) | neural architecture search (NAS) | Sensor applications | smart sensors | tactile systems | touch modality classification  
? Quartile:  
2025:  
? Instrumentation (Q2, rank 70, percentile 63)  
? Electrical and Electronic Engineering (Q2, rank 397, percentile 60)  
2023:  
? Electrical and Electronic Engineering (Q2, rank 377, percentile 52)  
? Instrumentation (Q3, rank 72, percentile 49)  
? Source Id: 21100976671  
? Author Ids: 56580140000;56580248800;35612596100;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Gianoglio C.

22.

? Title: An approximate randomization-based neural network with dedicated digital architecture for energy-constrained devices  
? Venue: Neural Computing and Applications  
? Year: 2023  
? Type: Journal  
? Subtype: Article  
? Citations: 2  
? DOI: 10.1007/s00521-022-08034-2  
? Scopus ID: 2-s2.0-85142935817  
? Issn: 09410643  
? eISSN: 14333058  
? Volume: 35  
? Issue: 9  
? Pages: 6753-6766  
? Authors: Ragusa Edoardo; Gianoglio Christian; Zunino Rodolfo; Gastaldo Paolo  
? Keywords: Digital architectures | Extreme learning machine | FPGA | Low-power | Random vector functional link networks | Randomization-based neural networks | Threshold function  
? Quartile:  
2025:  
? Software (Q1, rank 43, percentile 91)  
? Artificial Intelligence (Q1, rank 57, percentile 88)  
2023:  
? Software (Q1, rank 42, percentile 89)  
? Artificial Intelligence (Q1, rank 50, percentile 85)  
? Source Id: 24800  
? Author Ids: 56580248800;56580140000;7006338311;35612596100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Ragusa E.

23.

? Title: Rain Discrimination with Machine Learning Classifiers for Opportunistic Rain Detection System Using Satellite Micro-Wave Links

? Venue: Sensors  
? Year: 2023  
? Type: Journal  
? Subtype: Article  
? Citations: 11  
? DOI: 10.3390/s23031202  
? Scopus ID: 2-s2.0-85147892792  
? Issn: 14248220  
? Volume: 23  
? Issue: 3  
? Authors: Gianoglio Christian; Alyosef Ayham; Colli Matteo; Zani Sara; Caviglia Daniele D.  
? Keywords: machine learning | oblique earth-space links | satellite microwave links | smart rainfall system  
? Quartile:  
2025:  
? Instrumentation (Q1, rank 19, percentile 90)  
? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)  
? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)  
? Biochemistry (Q1, rank 72, percentile 84)  
? Information Systems (Q1, rank 87, percentile 82)  
? Analytical Chemistry (Q1, rank 30, percentile 82)  
2023:  
? Instrumentation (Q1, rank 24, percentile 83)  
? Electrical and Electronic Engineering (Q1, rank 163, percentile 79)  
? Atomic and Molecular Physics, and Optics (Q1, rank 48, percentile 78)  
? Analytical Chemistry (Q1, rank 36, percentile 77)  
? Information Systems (Q1, rank 91, percentile 77)  
? Biochemistry (Q2, rank 133, percentile 69)  
? Source Id: 130124  
? Author Ids: 56580140000;57222742064;48161076500;58100411300;7004012654  
? Authoraffiliationids: 60025153;60025153;129182067;129182067;60025153-60103966  
? Corresponding: Gianoglio C.

24.

? Title: Pilot Study: Response of a Piezoelectric Polymer based Sensing system to Indentation  
? Venue: Proceedings of IEEE Sensors  
? Year: 2023  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1109/Sensors56945.2023.10325161  
? Scopus ID: 2-s2.0-85179753846  
? Issn: 19300395  
? eISSN: 21689229  
? Authors: Yaacoub Mohamad; Abbass Yahya; Gianoglio Christian; Seminara Lucia; Valle Maurizio  
? Keywords: PVDF sensors | Signal analysis | Signal processing | Tactile sensing systems  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q3, rank 687, percentile 31)  
2023:  
? Electrical and Electronic Engineering (Q4, rank 602, percentile 24)

? Source Id: 74882  
? Author Ids: 58763723900;57211312886;56580140000;19338029900;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Yaacoub M.

25.

? Title: An Online Training Procedure for Rain Detection Models Applied to Satellite Microwave Links  
? Venue: IEEE Geoscience and Remote Sensing Letters  
? Year: 2023  
? Type: Journal  
? Subtype: Article  
? Citations: 3  
? Doi: 10.1109/Lgrs.2023.3328718  
? Scopus ID: 2-s2.0-85178003279  
? Issn: 1545598x  
? eISSN: 15580571  
? Volume: 20  
? Pages: 1-5  
? Authors: Gianoglio Christian; Colli Matteo; Zani Sara; Caviglia Daniele D.  
? Keywords: Machine learning (ML) | rainfall prediction | satellite microwave links | Smart Rainfall System (SRS)  
? Quartile:  
2025:  
? Geotechnical Engineering and Engineering Geology (Q1, rank 22, percentile 91)  
? Electrical and Electronic Engineering (Q1, rank 90, percentile 91)  
2023:  
? Geotechnical Engineering and Engineering Geology (Q1, rank 35, percentile 84)  
? Electrical and Electronic Engineering (Q1, rank 154, percentile 80)  
? Source Id: 17259  
? Author Ids: 56580140000;48161076500;58100411300;7004012654  
? Authoraffiliationids: 60025153;123864795;123864795;60025153  
? Corresponding: Gianoglio C.

26.

? Title: Opportunistic Rainfall Sensing: State of the Art and Perspectives in Italy  
? Venue: Iccaspw 2023 2023 IEEE International Conference on Acoustics Speech and Signal Processing Workshops Proceedings  
? Year: 2023  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Doi: 10.1109/Iccaspw59220.2023.10193014  
? Scopus ID: 2-s2.0-85168240755  
? Authors: Giannetti F.; Lottici V.; Sapienza F.; Porcu F.; Roversi G.; Alberoni P. P.; Covi E.; Nebuloni R.; Cazzaniga G.; De Michele C.; Deidda C.; Colli M.; Zani S.; Gianoglio C.; Caviglia D. D.; Adirosi E.  
? Keywords: Commercial microwave links | Opportunistic sensing | Passive microwave remote sensing | Rain fading | Satellite microwave links  
? Source Id: 21101171901  
? Author Ids: 57193672546;6602501403;57610739400;6603377859;57219799939;6602836578;59805396100;8579978400;57285184200;6603663168;57220091991;48161076500;58100411300;5658014000;7004012654;55927905800  
? Authoraffiliationids: 60028868;60028868;60028868;60028218;60028218-60008124;112741651;112741651;60021199;60023256;60023256;60023256;123864795;123864795;60025153;60025153;60008124

- ? Corresponding: Giannetti F.
- 27.
- ? Title: A pilot study: Electronic skin sensitive to the grasping speed
- ? Venue: Prime 2023 18th International Conference on Ph D Research in Microelectronics and Electronics Proceedings
- ? Year: 2023
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 1
- ? Doi: 10.1109/Prime58259.2023.10161937
- ? Scopus ID: 2-s2.0-85164995895
- ? Pages: 305-308
- ? Authors: Micheli Chiara; Abbass Yahya; Gianoglio Christian; Seminara Lucia
- ? Keywords: Electronic skin | grasping speed | PVDF sensors | touch velocity
- ? Source Id: 21101164803
- ? Author Ids: 58492753600;57211312886;56580140000;19338029900
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153
- ? Corresponding: Micheli C.
- 28.
- ? Title: Resource-Constrained Implementation of Deep Learning Algorithms for Dynamic Touch Modality Classification
- ? Venue: Lecture Notes in Networks and Systems
- ? Year: 2023
- ? Type: Book Series
- ? Subtype: Conference Paper
- ? Citations: 3
- ? Doi: 10.1007/978-3-031-16281-7\_11
- ? Scopus ID: 2-s2.0-85138002157
- ? Issn: 23673370
- ? eISSN: 23673389
- ? Volume: 546 Lnns
- ? Pages: 105-115
- ? Authors: Al Haj Ali Haydar; Gianoglio Christian; Ibrahim Ali; Valle Maurizio
- ? Keywords: Computational cost | Convolutional neural networks | Embedded neural networks | Recurrent neural networks | Tactile sensing system
- ? Quartile:
- 2025:
- ? Signal Processing (Q3, rank 146, percentile 25)
- ? Computer Networks and Communications (Q3, rank 410, percentile 25)
- ? Control and Systems Engineering (Q4, rank 302, percentile 20)
- 2023:
- ? Signal Processing (Q4, rank 113, percentile 14)
- ? Control and Systems Engineering (Q4, rank 277, percentile 13)
- ? Computer Networks and Communications (Q4, rank 354, percentile 10)
- ? Source Id: 21100901469
- ? Author Ids: 57889924900;56580140000;57199654883;57197744325
- ? Authoraffiliationids: 60025153;60025153;60025153-60112476;60025153
- ? Corresponding: Al Haj Ali H.
- 29.
- ? Title: Towards a Trade-off Between Accuracy and Computational Cost for Embedded Systems: A Tactile Sensing System for Object Classification
- ? Venue: Lecture Notes in Networks and Systems
- ? Year: 2023
- ? Type: Book Series

? Subtype: Conference Paper  
? Citations: 4  
? Doi: 10.1007/978-3-031-16281-7\_15  
? Scopus ID: 2-s2.0-85138000375  
? Issn: 23673370  
? eISSN: 23673389  
? Volume: 546 Lnns  
? Pages: 148-159  
? Authors: Amin Youssef; Gianoglio Christian; Valle Maurizio  
? Keywords: Artificial intelligence for embedded devices | Computational load | Object classification | Tactile sensing systems  
? Quartile:  
2025:  
? Signal Processing (Q3, rank 146, percentile 25)  
? Computer Networks and Communications (Q3, rank 410, percentile 25)  
? Control and Systems Engineering (Q4, rank 302, percentile 20)  
2023:  
? Signal Processing (Q4, rank 113, percentile 14)  
? Control and Systems Engineering (Q4, rank 277, percentile 13)  
? Computer Networks and Communications (Q4, rank 354, percentile 10)  
? Source Id: 21100901469  
? Author Ids: 57223977236;56580140000;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Amin Y.

30.

? Title: A Novel Tactile Sensing System for Robotic Tactile Perception of Object Properties  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2023  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1007/978-3-031-08136-1\_28  
? Scopus ID: 2-s2.0-85134327989  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 918 Lnee  
? Pages: 182-187  
? Authors: Amin Youssef; Gianoglio Christian; Valle Maurizio  
? Keywords: Hardness recognition | Human?Robot interactions | Robot tactile sensors | Tactile sensing systems | Tactile sensors  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2023:  
? Industrial and Manufacturing Engineering (Q4, rank 306, percentile 20)  
? Source Id: 19700186822  
? Author Ids: 57223977236;56580140000;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Amin Y.

31.

? Title: A Convolutional Neural Network-Based Method for Discriminating Shadowed Targets in Frequency-Modulated Continuous-Wave Radar Systems  
? Venue: Sensors



? Year: 2022  
? Type: Journal  
? Subtype: Article  
? Citations: 6  
? DOI: 10.3390/s22031048  
? Scopus ID: 2-s2.0-85123528519  
? Issn: 14248220  
? Volume: 22  
? Issue: 3  
? Authors: Mohanna Ammar; Gianoglio Christian; Rizik Ali; Valle Maurizio  
? Keywords: CNN | Machine learning | Radar | Shadow effect | Transfer learning  
? Quartile:  
2025:  
? Instrumentation (Q1, rank 19, percentile 90)  
? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)  
? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)  
? Biochemistry (Q1, rank 72, percentile 84)  
? Information Systems (Q1, rank 87, percentile 82)  
? Analytical Chemistry (Q1, rank 30, percentile 82)  
2022:  
? Instrumentation (Q1, rank 18, percentile 87)  
? Electrical and Electronic Engineering (Q1, rank 146, percentile 80)  
? Atomic and Molecular Physics, and Optics (Q1, rank 47, percentile 77)  
? Analytical Chemistry (Q1, rank 32, percentile 77)  
? Information Systems (Q1, rank 87, percentile 77)  
? Biochemistry (Q2, rank 151, percentile 64)  
? Source Id: 130124  
? Author Ids: 57427666800;56580140000;57214804817;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Mohanna A.

32.

? Title: A Pipelined Implementation of the n-mode Tensor-Matrix Multiplication  
? Venue: Icces 2022 29th IEEE International Conference on Electronics Circuits and Systems Proceedings  
? Year: 2022  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1109/Icces202256217.2022.9970979  
? Scopus ID: 2-s2.0-85145357032  
? Authors: Ragusa Edoardo; Gianoglio Christian; Zunino Rodolfo; Valle Maurizio; Gastaldo Paolo  
? Keywords: Digital Architectures | Low-Power | Multidimensional Array | Tensors  
? Source Id: 21101129746  
? Author Ids: 56580248800;56580140000;7006338311;57197744325;35612596100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Ragusa E.

33.

? Title: A Novel Learning Strategy for the Trade-Off between Accuracy and Computational Cost: A Touch Modalities Classification Case Study  
? Venue: IEEE Sensors Journal  
? Year: 2022  
? Type: Journal  
? Subtype: Article

? Citations: 16  
? Doi: 10.1109/Jsen.2021.3129323  
? Scopus ID: 2-s2.0-85120033492  
? Issn: 1530437x  
? eISSN: 15581748  
? Volume: 22  
? Issue: 1  
? Pages: 659-670  
? Authors: Gianoglio Christian; Ragusa Edoardo; Gastaldo Paolo; Valle Maurizio  
? Keywords: Artificial intelligence for embedded devices | Loss function | Tactile sensing systems  
? Quartile:  
2025:  
? Instrumentation (Q1, rank 27, percentile 85)  
? Electrical and Electronic Engineering (Q1, rank 175, percentile 82)  
2022:  
? Instrumentation (Q1, rank 14, percentile 90)  
? Electrical and Electronic Engineering (Q1, rank 139, percentile 81)  
? Source Id: 15047  
? Author Ids: 56580140000;56580248800;35612596100;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Gianoglio C.

34.

? Title: Design and Deployment of an Image Polarity Detector with Visual Attention  
? Venue: Cognitive Computation  
? Year: 2022  
? Type: Journal  
? Subtype: Article  
? Citations: 16  
? DOI: 10.1007/s12559-021-09829-6  
? Scopus ID: 2-s2.0-85099752269  
? Issn: 18669956  
? eISSN: 18669964  
? Volume: 14  
? Issue: 1  
? Pages: 261-273  
? Authors: Ragusa Edoardo; Apicella Tommaso; Gianoglio Christian; Zunino Rodolfo; Gastaldo Paolo  
? Keywords: Convolutional neural network | Embedded systems | Image polarity detection  
? Quartile:  
2025:  
? Cognitive Neuroscience (Q1, rank 7, percentile 94)  
? Computer Vision and Pattern Recognition (Q1, rank 16, percentile 90)  
? Computer Science Applications (Q1, rank 102, percentile 89)  
2022:  
? Computer Science Applications (Q1, rank 142, percentile 82)  
? Cognitive Neuroscience (Q1, rank 21, percentile 81)  
? Computer Vision and Pattern Recognition (Q1, rank 20, percentile 80)  
? Source Id: 19400158515  
? Author Ids: 56580248800;57216366806;56580140000;7006338311;35612596100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Ragusa E.

35.

? Title: Online predictive maintenance monitoring adopting convolutional neural

networks

? Venue: Energies

? Year: 2021

? Type: Journal

? Subtype: Article

? Citations: 14

? DOI: 10.3390/en14154711

? Scopus ID: 2-s2.0-85112043577

? eISSN: 19961073

? Volume: 14

? Issue: 15

? Authors: Gianoglio Christian; Ragusa Edoardo; Gastaldo Paolo; Gallesi Federico; Guastavino Francesco

? Keywords: Convolutional neural networks | Partial discharges | Predictive maintenance

? Quartile:

2025:

? Control and Optimization (Q1, rank 11, percentile 94)

? Engineering (miscellaneous) (Q1, rank 38, percentile 86)

? Electrical and Electronic Engineering (Q1, rank 155, percentile 84)

? Energy Engineering and Power Technology (Q1, rank 71, percentile 78)

? Fuel Technology (Q2, rank 40, percentile 70)

? Renewable Energy, Sustainability and the Environment (Q2, rank 110, percentile 64)

? Energy (miscellaneous) (Q2, rank 39, percentile 64)

2021:

? Control and Optimization (Q1, rank 18, percentile 85)

? Engineering (miscellaneous) (Q1, rank 19, percentile 83)

? Subject (Q1, rank 51, percentile 76)

? Energy (miscellaneous) (Q2, rank 10, percentile 72)

? Electrical and Electronic Engineering (Q2, rank 201, percentile 71)

? Energy Engineering and Power Technology (Q2, rank 73, percentile 69)

? Fuel Technology (Q2, rank 38, percentile 65)

? Renewable Energy, Sustainability and the Environment (Q2, rank 90, percentile 58)

? Source Id: 62932

? Author Ids: 56580140000;56580248800;35612596100;57215699439;7006692709

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

? Corresponding: Gianoglio C.

36.

? Title: Efficient Digital Implementation of n-mode Tensor-Matrix Multiplication

? Venue: 2021 IEEE 3rd International Conference on Artificial Intelligence Circuits and Systems Aicas 2021

? Year: 2021

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Doi: 10.1109/Aicas51828.2021.9458404

? Scopus ID: 2-s2.0-85113339876

? Authors: Gianoglio Christian; Ragusa Edoardo; Zunino Rodolfo; Gastaldo Paolo

? Keywords: Digital Architectures | Low-Power | Multidimensional Array | Tensors

? Source Id: 21101056807

? Author Ids: 56580140000;56580248800;7006338311;35612596100

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Gianoglio C.

37.

? Title: Random-based networks with dropout for embedded systems

? Venue: Neural Computing and Applications  
? Year: 2021  
? Type: Journal  
? Subtype: Article  
? Citations: 11  
? DOI: 10.1007/s00521-020-05414-4  
? Scopus ID: 2-s2.0-85093104100  
? Issn: 09410643  
? eISSN: 14333058  
? Volume: 33  
? Issue: 12  
? Pages: 6511-6526  
? Authors: Ragusa Edoardo; Gianoglio Christian; Zunino Rodolfo; Gastaldo Paolo  
? Keywords: Embedded systems | Internet of Things | Random-based neural networks  
? Quartile:  
2025:  
? Software (Q1, rank 43, percentile 91)  
? Artificial Intelligence (Q1, rank 57, percentile 88)  
2021:  
? Software (Q1, rank 58, percentile 85)  
? Artificial Intelligence (Q1, rank 43, percentile 84)  
? Source Id: 24800  
? Author Ids: 56580248800;56580140000;7006338311;35612596100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Ragusa E.

38.

? Title: 1-D Convolutional Neural Networks for Touch Modalities Classification  
? Venue: 2021 28th IEEE International Conference on Electronics Circuits and Systems  
Icecs 2021 Proceedings  
? Year: 2021  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 15  
? Doi: 10.1109/Icecs53924.2021.9665576  
? Scopus ID: 2-s2.0-85124619783  
? Authors: Gianoglio Christian; Ragusa Edoardo; Zunino Rodolfo; Valle Maurizio  
? Keywords: CNNs | embedded systems | Touch modalities classification  
? Source Id: 21101075833  
? Author Ids: 56580140000;56580248800;7006338311;57197744325  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Gianoglio C.

39.

? Title: Computationally Light Algorithms for Tactile Sensing Signals Elaboration and Classification  
? Venue: 2021 28th IEEE International Conference on Electronics Circuits and Systems  
Icecs 2021 Proceedings  
? Year: 2021  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 5  
? Doi: 10.1109/Icecs53924.2021.9665554  
? Scopus ID: 2-s2.0-85124601241  
? Authors: Amin Youssef; Gianoglio Christian; Valle Maurizio  
? Keywords: Classification | Computational load | hardness recognition | Neural

networks | Signal processing | Tactile sensing systems | Tactile sensors

? Source Id: 21101075833

? Author Ids: 57223977236;56580140000;57197744325

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Amin Y.

40.

? Title: A pose-based hand image classification method retrainable on embedded target devices

? Venue: 2021 28th IEEE International Conference on Electronics Circuits and Systems Icecs 2021 Proceedings

? Year: 2021

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1109/Icecs53924.2021.9665637

? Scopus ID: 2-s2.0-85124589590

? Authors: Canepa Alessio; Ragusa Edoardo; Gianoglio Christian; Gastaldo Paolo; Zunino Rodolfo

? Keywords: Computer Vision | Deep Learning | Embedded Systems | Grasping

? Source Id: 21101075833

? Author Ids: 7004014399;56580248800;56580140000;35612596100;7006338311

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

? Corresponding: Canepa A.

41.

? Title: Hardware-Aware Affordance Detection for Application in Portable Embedded Systems

? Venue: IEEE Access

? Year: 2021

? Type: Journal

? Subtype: Article

? Citations: 17

? Doi: 10.1109/Access.2021.3109733

? Scopus ID: 2-s2.0-85114728472

? eISSN: 21693536

? Volume: 9

? Pages: 123178-123193

? Authors: Ragusa Edoardo; Gianoglio Christian; Dosen Strahinja; Gastaldo Paolo

? Keywords: Affordance prediction | CNNs | embedded systems | prosthetics

? 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)

2021:

? Engineering (all) (Q1, rank 28, percentile 90)

? Computer Science (all) (Q1, rank 34, percentile 85)

? Subject (Q1, rank 124, percentile 82)

? Materials Science (all) (Q1, rank 104, percentile 77)

? Source Id: 21100374601

? Author Ids: 56580248800;56580140000;23388778600;35612596100

? Authoraffiliationids: 60025153;60025153;60022134;60025153

? Corresponding: Ragusa E.

42.

? Title: Video Grasping Classification Enhanced with Automatic Annotations

- ? Venue: Lecture Notes in Electrical Engineering  
? Year: 2021  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1007/978-3-030-66729-0\_3  
? Scopus ID: 2-s2.0-85101757927  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 738  
? Pages: 23-29  
? Authors: Ragusa Edoardo; Gianoglio Christian; Dalmonte Filippo; Gastaldo Paolo  
? Keywords: CNNs | Embedded systems | Grasping classification | Prosthetics  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2021:  
? Industrial and Manufacturing Engineering (Q4, rank 280, percentile 17)  
? Source Id: 19700186822  
? Author Ids: 56580248800;56580140000;57222170034;35612596100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Ragusa E.
43.  
? Title: Image Polarity Detection on Resource-Constrained Devices  
? Venue: IEEE Intelligent Systems  
? Year: 2020  
? Type: Journal  
? Subtype: Article  
? Citations: 12  
? Doi: 10.1109/Mis.2020.3011586  
? Scopus ID: 2-s2.0-85089293993  
? Issn: 15411672  
? eISSN: 19411294  
? Volume: 35  
? Issue: 6  
? Pages: 50-57  
? Authors: Ragusa Edoardo; Gianoglio Christian; Zunino Rodolfo; Gastaldo Paolo  
? Quartile:  
2025:  
? Computer Networks and Communications (Q1, rank 46, percentile 91)  
? Artificial Intelligence (Q1, rank 62, percentile 87)  
2020:  
? Computer Networks and Communications (Q1, rank 30, percentile 91)  
? Artificial Intelligence (Q1, rank 28, percentile 87)  
? Source Id: 110111  
? Author Ids: 56580248800;56580140000;7006338311;35612596100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Ragusa E.
44.  
? Title: Improving the Robustness of Threshold-Based Single Hidden Layer Neural Networks via Regularization  
? Venue: Proceedings 2020 IEEE International Conference on Artificial Intelligence Circuits and Systems Aicas 2020  
? Year: 2020

? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Doi: 10.1109/Aicas48895.2020.9073976  
? Scopus ID: 2-s2.0-85085040599  
? Pages: 276-280  
? Authors: Ragusa Edoardo; Gianoglio Christian; Zunino Rodolfo; Gastaldo Paolo  
? Source Id: 21100983105  
? Author Ids: 56580248800;56580140000;7006338311;35612596100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Ragusa E.

45.

? Title: An hardware-aware image polarity detector enhanced with visual attention  
? Venue: Proceedings of the International Joint Conference on Neural Networks  
? Year: 2020  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1109/Ijcn48605.2020.9206826  
? Scopus ID: 2-s2.0-85093846854  
? Authors: Ragusa Edoardo; Apicella Tommaso; Gianoglio Christian; Zunino Rodolfo; Gastaldo Paolo  
? Keywords: CNN | embedded systems | image polarity detection  
? Source Id: 96537  
? Author Ids: 56580248800;57216366806;56580140000;7006338311;35612596100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Ragusa E.

46.

? Title: A Design Strategy for the Efficient Implementation of Random Basis Neural Networks on Resource-Constrained Devices  
? Venue: Neural Processing Letters  
? Year: 2020  
? Type: Journal  
? Subtype: Article  
? Citations: 18  
? DOI: 10.1007/s11063-019-10165-y  
? Scopus ID: 2-s2.0-85076624919  
? Issn: 13704621  
? eISSN: 1573773X  
? Volume: 51  
? Issue: 2  
? Pages: 1611-1629  
? Authors: Ragusa Edoardo; Gianoglio Christian; Zunino Rodolfo; Gastaldo Paolo  
? Keywords: CPLD | Digital architectures | FPGA | Random basis networks | Threshold function  
? Quartile:  
2025:  
? Computer Networks and Communications (Q1, rank 110, percentile 79)  
? Software (Q1, rank 105, percentile 79)  
? Artificial Intelligence (Q1, rank 117, percentile 76)  
? Neuroscience (all) (Q2, rank 29, percentile 74)  
2020:  
? Computer Networks and Communications (Q2, rank 102, percentile 69)  
? Artificial Intelligence (Q2, rank 91, percentile 60)

? Software (Q2, rank 159, percentile 59)  
? Neuroscience (all) (Q3, rank 61, percentile 45)  
? Source Id: 24806  
? Author Ids: 56580248800;56580140000;7006338311;35612596100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Ragusa E.

47.

? Title: Unsupervised monitoring system for predictive maintenance of high voltage apparatus  
? Venue: Energies  
? Year: 2020  
? Type: Journal  
? Subtype: Article  
? Citations: 8  
? DOI: 10.3390/en13051109  
? Scopus ID: 2-s2.0-85081613972  
? eISSN: 19961073  
? Volume: 13  
? Issue: 5  
? Authors: Gianoglio Christian; Ragusa Edoardo; Bruzzone Andrea; Gastaldo Paolo; Zunino Rodolfo; Guastavino Francesco  
? Keywords: Embedded systems | Partial discharges | Predictive maintenance  
? Quartile:

2025:

? Control and Optimization (Q1, rank 11, percentile 94)  
? Engineering (miscellaneous) (Q1, rank 38, percentile 86)  
? Electrical and Electronic Engineering (Q1, rank 155, percentile 84)  
? Energy Engineering and Power Technology (Q1, rank 71, percentile 78)  
? Fuel Technology (Q2, rank 40, percentile 70)  
? Renewable Energy, Sustainability and the Environment (Q2, rank 110, percentile 64)  
? Energy (miscellaneous) (Q2, rank 39, percentile 64)

2020:

? Control and Optimization (Q1, rank 17, percentile 85)  
? Engineering (miscellaneous) (Q1, rank 13, percentile 83)  
? Electrical and Electronic Engineering (Q2, rank 183, percentile 73)  
? Energy (miscellaneous) (Q2, rank 7, percentile 72)  
? Energy Engineering and Power Technology (Q2, rank 62, percentile 72)  
? Fuel Technology (Q2, rank 33, percentile 67)  
? Renewable Energy, Sustainability and the Environment (Q2, rank 69, percentile 64)

? Source Id: 62932  
? Author Ids: 56580140000;56580248800;58402050900;35612596100;7006338311;7006692709  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Gianoglio C.

48.

? Title: Unsupervised Monitoring System for Predictive Maintenance of High Voltage Apparatus  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2020  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-030-37277-4\_35  
? Scopus ID: 2-s2.0-85083298062  
? Issn: 18761100



? eISSN: 18761119  
? Volume: 627  
? Pages: 301-307  
? Authors: Gianoglio Christian; Bruzzone Andrea; Ragusa Edoardo; Gastaldo Paolo  
? Keywords: Embedded systems | Partial discharges | Predictive maintenance  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2020:  
? Industrial and Manufacturing Engineering (Q4, rank 268, percentile 20)  
? Source Id: 19700186822  
? Author Ids: 56580140000;58402050900;56580248800;35612596100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Gianoglio C.

49.

? Title: Data-driven video grasping classification for low-power embedded system  
? Venue: 2019 26th IEEE International Conference on Electronics Circuits and Systems  
Icecs 2019  
? Year: 2019  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 7  
? Doi: 10.1109/Icecs46596.2019.8964645  
? Scopus ID: 2-s2.0-85079182347  
? Pages: 871-874  
? Authors: Ragusa Edoardo; Gianoglio Christian; Zunino Rodolfo; Gastaldo Paolo  
? Keywords: CNNs | Embedded systems | Grasping classification | Prosthetics  
? Source Id: 21100944554  
? Author Ids: 56580248800;56580140000;7006338311;35612596100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Ragusa E.

50.

? Title: A computationally light pruning strategy for single layer neural networks  
based on threshold function  
? Venue: 2019 26th IEEE International Conference on Electronics Circuits and Systems  
Icecs 2019  
? Year: 2019  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1109/Icecs46596.2019.8964894  
? Scopus ID: 2-s2.0-85079179021  
? Pages: 89-92  
? Authors: Ragusa Edoardo; Gianoglio Christian; Zunino Rodolfo; Gastaldo Paolo  
? Keywords: Embedded systems | Neural networks | Threshold function  
? Source Id: 21100944554  
? Author Ids: 56580248800;56580140000;7006338311;35612596100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Ragusa E.

51.

? Title: Tensor based algorithm for automatic partial discharges pattern classification  
? Venue: 2019 21st European Conference on Power Electronics and Applications EPE 2019  
Ecce Europe  
? Year: 2019

? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 5  
? Doi: 10.23919/Epe.2019.8915039  
? Scopus ID: 2-s2.0-85076701659  
? Authors: Gianoglio Christian; Ragusa Edoardo; Bruzzone Andrea; Gastaldo Paolo; Torello Eugenia; Guastavino Francesco  
? Keywords: Artificial Intelligence | Diagnostics | Insulation | Noise  
? Source Id: 21100939561  
? Author Ids: 56580140000;56580248800;58402050900;35612596100;6701506640;7006692709  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Gianoglio C.

52.

? Title: Electrical Aging Tests on Conventional and Nanofilled Impregnation Resins  
? Venue: Annual Report Conference on Electrical Insulation and Dielectric Phenomena CEIDP  
? Year: 2018  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Doi: 10.1109/Ceidp.2018.8544725  
? Scopus ID: 2-s2.0-85059783216  
? Issn: 00849162  
? Volume: 2018-October  
? Pages: 156-158  
? Authors: Guastavino F.; Gianoglio C.; Torello E.; Ferraris M.; Gianelli W.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q3, rank 691, percentile 30)  
? Electronic, Optical and Magnetic Materials (Q4, rank 238, percentile 23)  
? Source Id: 18789  
? Author Ids: 7006692709;56580140000;6701506640;57202094381;14030230300  
? Authoraffiliationids: 60025153;60025153;60025153;120708514;120708514  
? Corresponding: Guastavino F.

53.

? Title: Influence of DC Component on Partial Discharge Activity  
? Venue: Annual Report Conference on Electrical Insulation and Dielectric Phenomena CEIDP  
? Year: 2018  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1109/Ceidp.2018.8544901  
? Scopus ID: 2-s2.0-85059770556  
? Issn: 00849162  
? Volume: 2018-October  
? Pages: 535-537  
? Authors: Guastavino F.; Bruzzone A.; Gianoglio C.; Torello E.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q3, rank 691, percentile 30)  
? Electronic, Optical and Magnetic Materials (Q4, rank 238, percentile 23)  
? Source Id: 18789  
? Author Ids: 7006692709;58402050900;56580140000;6701506640

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Guastavino F.

54.

? Title: Hardware Friendly Neural Network for the PD Classification

? Venue: Annual Report Conference on Electrical Insulation and Dielectric Phenomena  
CEIDP

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 5

? Doi: 10.1109/Ceidp.2018.8544825

? Scopus ID: 2-s2.0-85059743044

? Issn: 00849162

? Volume: 2018-October

? Pages: 538-541

? Authors: Gianoglio C.; Guastavino F.; Ragusa E.; Bruzzone A.; Torello E.

? Quartile:

2025:

? Electrical and Electronic Engineering (Q3, rank 691, percentile 30)

? Electronic, Optical and Magnetic Materials (Q4, rank 238, percentile 23)

? Source Id: 18789

? Author Ids: 56580140000;7006692709;56580248800;58402050900;6701506640

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

? Corresponding: Gianoglio C.

55.

? Title: Experimental variability of track to ground conductance measurements

? Venue: Journal of Physics Conference Series

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.1088/1742-6596/1065/5/052015

? Scopus ID: 2-s2.0-85057441413

? Issn: 17426588

? eISSN: 17426596

? Volume: 1065

? Issue: 5

? Authors: Bongiorno J.; Gianoglio C.

? Quartile:

2025:

? Physics and Astronomy (all) (Q4, rank 192, percentile 22)

2018:

? Physics and Astronomy (all) (Q4, rank 181, percentile 16)

? Source Id: 130053

? Author Ids: 56450849900;56580140000

? Authoraffiliationids: 60025153;60025153

? Corresponding: Bongiorno J.

56.

? Title: A Predictive Maintenance Remote System based on Partial Discharges  
Measurements on Wind Turbines

? Venue: 2018 IEEE 2nd International Conference on Dielectrics Icd 2018

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1  
? Doi: 10.1109/lcd.2018.8468535  
? Scopus ID: 2-s2.0-85055894392  
? Authors: Guastavino F.; Gianoglio C.; Torello E.; Cordano D.; Bruzzone A.  
? Keywords: Automated acquisition system | PDs monitoring | Wind turbines  
? Source Id: 21100884089  
? Author Ids: 7006692709;56580140000;6701506640;56716555600;58402050900  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Guastavino F.

57.

? Title: Comparison between PD Acquisition System Measurements Using Different Number of Bits for the Quantization  
? Venue: 2018 IEEE 2nd International Conference on Dielectrics Icd 2018  
? Year: 2018  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1109/lcd.2018.8468450  
? Scopus ID: 2-s2.0-85055893907  
? Authors: Guastavino F.; Gianoglio C.; Torello E.; Cordano D.; Bruzzone A.  
? Keywords: Clustering | PDs recognition | Quantization  
? Source Id: 21100884089  
? Author Ids: 7006692709;56580140000;6701506640;56716555600;58402050900  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Guastavino F.

58.

? Title: Behaviour of Conventional and Nanofilled Impregnation Resins when Subjected to PD Activity  
? Venue: 2018 IEEE 2nd International Conference on Dielectrics Icd 2018  
? Year: 2018  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Doi: 10.1109/lcd.2018.8468410  
? Scopus ID: 2-s2.0-85055877987  
? Authors: Guastavino F.; Gianoglio C.; Torello E.; Ferraris M.; Gianelli W.  
? Keywords: Nanofilled impregnating resins | Partial discharges  
? Source Id: 21100884089  
? Author Ids: 7006692709;56580140000;6701506640;57202094381;14030230300  
? Authoraffiliationids: 60025153;60025153;60025153;121531765;121531765  
? Corresponding: Guastavino F.

59.

? Title: A digital implementation of extreme learning machines for resource-constrained devices  
? Venue: IEEE Transactions on Circuits and Systems II Express Briefs  
? Year: 2018  
? Type: Journal  
? Subtype: Article  
? Citations: 26  
? Doi: 10.1109/Tcsii.2018.2806085  
? Scopus ID: 2-s2.0-85042122677  
? Issn: 15497747  
? eISSN: 15583791  
? Volume: 65

? Issue: 8  
? Pages: 1104-1108  
? Authors: Ragusa Edoardo; Gianoglio Christian; Gastaldo Paolo; Zunino Rodolfo  
? Keywords: CPLD | digital architectures | extreme learning machine | FPGA | Neural networks | threshold function  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 97, percentile 90)  
2018:  
? Electrical and Electronic Engineering (Q1, rank 137, percentile 79)  
? Source Id: 9500153930  
? Author Ids: 56580248800;56580140000;35612596100;7006338311  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Ragusa E.

60.

? Title: Learning with similarity functions: A novel design for the extreme learning machine  
? Venue: Neurocomputing  
? Year: 2017  
? Type: Journal  
? Subtype: Article  
? Citations: 14  
? DOI: 10.1016/j.neucom.2016.05.116  
? Scopus ID: 2-s2.0-85014115331  
? Issn: 09252312  
? eISSN: 18728286  
? Volume: 261  
? Pages: 37-49  
? Authors: Gastaldo P.; Bisio F.; Gianoglio C.; Ragusa E.; Zunino R.  
? Keywords: Extreme learning machine | Similarity functions | Single-layer feedforward neural networks  
? Quartile:  
2025:  
? Cognitive Neuroscience (Q1, rank 10, percentile 92)  
? Computer Science Applications (Q1, rank 124, percentile 87)  
? Artificial Intelligence (Q1, rank 85, percentile 82)  
2017:  
? Computer Science Applications (Q1, rank 62, percentile 89)  
? Artificial Intelligence (Q1, rank 22, percentile 88)  
? Cognitive Neuroscience (Q1, rank 21, percentile 77)  
? Source Id: 24807  
? Author Ids: 35612596100;55547779800;56580140000;56580248800;7006338311  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Gastaldo P.

61.

? Title: PDIV and RPDIV on different temperatures on different kind of type I insulating system  
? Venue: Annual Report Conference on Electrical Insulation and Dielectric Phenomena CEIDP  
? Year: 2017  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 6  
? Doi: 10.1109/Ceidp.2017.8257591

? Scopus ID: 2-s2.0-85045191714  
? Issn: 00849162  
? Volume: 2017-October  
? Pages: 369-372  
? Authors: Guastavino F.; Rossi F.; Gianoglio C.; Torello E.; Cordano D.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q3, rank 691, percentile 30)  
? Electronic, Optical and Magnetic Materials (Q4, rank 238, percentile 23)  
? Source Id: 18789  
? Author Ids: 7006692709;57199786105;56580140000;6701506640;56716555600  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Guastavino F.

62.

? Title: Relevance of quantization in PDs activity measurements in presence of environmental noise  
? Venue: Annual Report Conference on Electrical Insulation and Dielectric Phenomena CEIDP  
? Year: 2017  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1109/Ceidp.2017.8257592  
? Scopus ID: 2-s2.0-85045182153  
? Issn: 00849162  
? Volume: 2017-October  
? Pages: 373-376  
? Authors: Guastavino F.; Cordano D.; Rossi F.; Gianoglio C.; Torello E.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q3, rank 691, percentile 30)  
? Electronic, Optical and Magnetic Materials (Q4, rank 238, percentile 23)  
? Source Id: 18789  
? Author Ids: 7006692709;56716555600;57199786105;56580140000;6701506640  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Guastavino F.

63.

? Title: Comparison of conducted and irradiated PD acquisition systems  
? Venue: Annual Report Conference on Electrical Insulation and Dielectric Phenomena CEIDP  
? Year: 2017  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1109/Ceidp.2017.8257589  
? Scopus ID: 2-s2.0-85045181340  
? Issn: 00849162  
? Volume: 2017-October  
? Pages: 365-368  
? Authors: Guastavino F.; Cordano D.; Gianoglio C.; Rossi F.; Torello E.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q3, rank 691, percentile 30)  
? Electronic, Optical and Magnetic Materials (Q4, rank 238, percentile 23)

? Source Id: 18789  
? Author Ids: 7006692709;56716555600;56580140000;57199786105;6701506640  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Guastavino F.

64.

? Title: Spam detection of Twitter traffic: A framework based on random forests and non-uniform feature sampling  
? Venue: Proceedings of the 2016 IEEE ACM International Conference on Advances in Social Networks Analysis and Mining Asonam 2016  
? Year: 2016  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 18  
? Doi: 10.1109/Asonam.2016.7752331  
? Scopus ID: 2-s2.0-85006742027  
? Pages: 811-817  
? Authors: Meda Claudia; Ragusa Edoardo; Gianoglio Christian; Zunino Rodolfo; Ottaviano Augusto; Scillia Eugenio; Surlinelli Roberto  
? Keywords: Automated Tools | Cyber Security | Social Network Analysis | Spam detection  
? Source Id: 21100789853  
? Author Ids:  
56685186400;56580248800;56580140000;7006338311;56022476000;56023174500;36702235700  
? Authoraffiliationids:  
60025153;60025153;60025153;60025153;116509853;116509853;116509853  
? Corresponding: Meda C.

65.

? Title: Low-complexity digital architecture for solving the point location problem in explicit Model Predictive Control  
? Venue: Journal of the Franklin Institute  
? Year: 2015  
? Type: Journal  
? Subtype: Article  
? Citations: 7  
? DOI: 10.1016/j.jfranklin.2015.03.018  
? Scopus ID: 2-s2.0-84929294126  
? Issn: 00160032  
? Volume: 352  
? Issue: 6  
? Pages: 2249-2258  
? Authors: Oliveri Alberto; Gianoglio Christian; Ragusa Edoardo; Storace Marco  
? Quartile:  
2025:  
? Applied Mathematics (Q1, rank 59, percentile 91)  
? Signal Processing (Q1, rank 39, percentile 80)  
? Computer Networks and Communications (Q1, rank 134, percentile 75)  
? Control and Systems Engineering (Q1, rank 94, percentile 75)  
2015:  
? Applied Mathematics (Q1, rank 36, percentile 91)  
? Control and Systems Engineering (Q1, rank 33, percentile 84)  
? Computer Networks and Communications (Q1, rank 43, percentile 81)  
? Signal Processing (Q1, rank 17, percentile 81)  
? Source Id: 27959  
? Author Ids: 57200399832;56580140000;56580248800;7004134087  
? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Oliveri A.