SEMINARA LUCIA

Overview
? Unit: ICT
? Role: Professore associato
? Grade: Prof.Associato Legge 240/10 - t.pieno - classe 0
? SSD: IINF-01/A (Elettronica)
? Scopus ID: 19338029900
? Unige Id: 701297
? Retrieved at: 2025-11-14T15:16:40.170634

Contact
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? Page: https://rubrica.unige.it/personale/UkNGWVNu
? Locations: Opera Pia - padiglione D (ED161450401), 2´° piano, US161450401.II.029

Career
? Ar, 2013-03-01 ? 2018-02-28
? Rd, 2018-12-01 ? 2022-10-31
? Pa, 2022-11-01 ? 2222-02-02

Responsibilities
? Title: Componente della Commissione paritetica docenti-studenti di scuola
  ? Unit: Scuola politecnica
  ? Period: 2025-11-01 ? 2027-10-31

Teaching
2025
? Electronic Devices (114745), Lm-29 - Electronic Engineering
? Sensors (114750), Lm-29 - Electronic Engineering

2024
? Filosofia Della Medicina (Lm) (65049), Lm-78 - Metodologie Filosofiche
? Sensing Systems (101716), Lm-29 - Ingegneria Elettronica
? Sensing Systems (101716), Lm-29 - Ingegneria Elettronica
? Distributed Electronic Systems And Technologies For Environmental Monitoring (94631),
Lm-26 - Engineering For Natural Risk Management
? Electronic Devices (114745), Lm-29 - Electronic Engineering
? Sensors (114750), Lm-29 - Electronic Engineering
? Electronic Devices (114745), Lm-29 - Electronic Engineering

2023
? Sensing Systems (101716), Lm-29 - Ingegneria Elettronica
? Distributed Electronic Systems And Technologies For Environmental Monitoring (94631),
Lm-26 - Engineering For Natural Risk Management

2022
? Integrated Electronics (106772), Lm-29 - Ingegneria Elettronica
? Sensing Systems (101716), Lm-29 - Ingegneria Elettronica
? Elettronica (72344), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

2021
? Integrated Electronics (106772), Lm-29 - Ingegneria Elettronica
? Sensing Systems (101716), Lm-29 - Ingegneria Elettronica

2020
? Sensing Systems (101716), Lm-29 - Ingegneria Elettronica

Scopus Metrics
? absolute; Docs: 49; Journals: 21; Conferences: 23; Citations: 982; H-index: 17
? 15 years (2010-2025); Docs: 46; Journals: 20; Conferences: 21; Citations: 953; H-index: 16
? 10 years (2015-2025); Docs: 34; Journals: 16; Conferences: 15; Citations: 534; H-index: 12
? 05 years (2020-2025); Docs: 17; Journals: 8; Conferences: 7; Citations: 117; H-index: 6

Scopus Products
1.
  ? Title: Digital Communication Moving Beyond human-centric replication
  ? Venue: Conference on Human Factors in Computing Systems Proceedings
  ? Year: 2025
  ? Type: Conference Proceeding
  ? Subtype: Conference Paper
  ? Citations: 1
  ? Doi: 10.1145/3706599.3707415
  ? Scopus ID: 2-s2.0-105005770229
  ? Authors: Jewitt Carey; Price Sara; Seminara Lucia; Sabnis Nihar; Steimle Jˆ…rgen; Berthouze Nadia; Minamizawa Kouta; Foerster Desiree; Otsuki Grant Jun
  ? Keywords: digital communication | human-centric mimicry | more-than-human | senses
  ? Source Id: 21101297181
  ? Author Ids: 59357195100;16234800800;19338029900;58147583300;24825371700;6602671345;24587799600;58698550500;57203450413
  ? Authoraffiliationids: 60117699;60117699;60025153;60000256;60033241;60022148;60025997;60117670;60025272
  ? Corresponding: Jewitt C.
2.
  ? Title: Stress Transmission in a Soft Electronic Skin with Viscoelastic Properties
  ? Venue: Lecture Notes in Electrical Engineering
  ? Year: 2025
  ? Type: Book Series
  ? Subtype: Conference Paper
  ? Citations: 0
  ? Doi: 10.1007/978-3-031-71518-1_29
  ? Scopus ID: 2-s2.0-85216024842
  ? Issn: 18761100
  ? eISSN: 18761119
  ? Volume: 1263 Lnee
  ? Pages: 251-257
  ? Authors: Micheli Chiara; Berselli Giovanni; Seminara Lucia
  ? Keywords: PVDF transducers | Soft tactile sensors | Viscoelasticity
  ? Quartile:
   2025:
   ? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)
  ? Source Id: 19700186822
  ? Author Ids: 58492753600;24483038000;19338029900
  ? Authoraffiliationids: 60025153;60025153;60025153
  ? Corresponding: Micheli C.
3.

? 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.

4.
? Title: Robotic Haptic Exploration of Object Shape With Autonomous Symmetry Detection
? Venue: IEEE Transactions on Robotics
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 0
? Doi: 10.1109/Tro.2025.3544113
? Scopus ID: 2-s2.0-105002688912
? Issn: 15523098
? eISSN: 19410468
? Volume: 41
? Pages: 2391-2405
? Authors: Bonzini Aramis Augusto; Seminara Lucia; MacCiˆ† Simone; Carfˆ‹ Alessandro; Jamone Lorenzo
? Keywords: Haptic exploration | haptic perception | shape estimation | symmetry | tactile sensing
? Quartile:
  2025:
  ? Electrical and Electronic Engineering (Q1, rank 26, percentile 97)
  ? Computer Science Applications (Q1, rank 30, percentile 96)
  ? Control and Systems Engineering (Q1, rank 12, percentile 96)
? Source Id: 95101
? Author Ids: 57251448400;19338029900;57811180200;57204949335;24479375600
? Authoraffiliationids: 60022109;60025153;60025153;60025153;60022109-60176024
? Corresponding: Bonzini A.A.

5.
? Title: Editorial: Special Issue: Towards a Transdisciplinary Approach to the Development and Control of Haptic Devices for Human-in-the-Loop Applications
? Venue: IEEE Transactions on Haptics
? Year: 2025
? Type: Journal
? Subtype: Editorial
? Citations: 0
? Doi: 10.1109/Toh.2025.3546751
? Scopus ID: 2-s2.0-105001177881

6.

7.

? Authors: Seminara Lucia; Dosen Strahinja; Mastrogiovanni Fulvio; Bianchi Matteo; Watt Simon; Beckerle Philipp; Nanayakkara Thrishantha; Drewing Knut; Moscatelli Alessandro; Klatzky Roberta L.; Loeb Gerald E.
? Quartile:
  2025:
  ? Control and Optimization (Q1, rank 1, percentile 99)
  ? Mechanical Engineering (Q1, rank 6, percentile 99)
  ? Computer Science Applications (Q1, rank 10, percentile 99)
  ? Artificial Intelligence (Q1, rank 11, percentile 97)
  2023:
  ? Control and Optimization (Q1, rank 1, percentile 99)
  ? Computer Science Applications (Q1, rank 4, percentile 99)
  ? Mechanical Engineering (Q1, rank 5, percentile 99)
  ? Artificial Intelligence (Q1, rank 6, percentile 98)
? Source Id: 21100886132
? Author Ids: 19338029900;23388778600;56962745700;57202798446;7102659441;36964076200;6508336274;19933387400;54886426100;7005851396;7006655258
? Authoraffiliationids: 60025153;60022134;60121711;60028868;60025779;60000765;60015150;60017134;60014416-60027509;60136640;60015183
? Corresponding: Seminara L.

8.
? 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.

9.
? 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.

10.
- ? Title: Leveraging symmetry detection to speed up haptic object exploration in robots
- ? Venue: 2022 IEEE International Conference on Development and Learning ICDL 2022
- ? Year: 2022
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 4
- ? Doi: 10.1109/Icdl53763.2022.9962206
- ? Scopus ID: 2-s2.0-85143964866
- ? Pages: 95-100
- ? Authors: Bonzini Aramis Augusto; Seminara Lucia; MacCio Simone; Carfi Alessandro; Jamone Lorenzo
- ? Source Id: 21101126071
- ? Author Ids: 57251448400;19338029900;57811180200;57204949335;24479375600
- ? Authoraffiliationids: 60022109;60025153;60025153;60025153;60022109
- ? Corresponding: Bonzini A.A.

11.
- ? Title: Improving Haptic Exploration of Object Shape by Discovering Symmetries
- ? Venue: Proceedings IEEE International Conference on Robotics and Automation
- ? Year: 2022
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 5
- ? Doi: 10.1109/Icra46639.2022.9812200
- ? Scopus ID: 2-s2.0-85136331753
- ? Issn: 10504729
- ? Volume: 2022-January
- ? Pages: 5821-5827
- ? Authors: Bonzini Aramis Augusto; Seminara Lucia; Jamone Lorenzo
- ? Quartile:
  2025:
  - ? Electrical and Electronic Engineering (Q1, rank 242, percentile 75)
  - ? Control and Systems Engineering (Q2, rank 97, percentile 74)
  - ? Software (Q2, rank 146, percentile 70)
  - ? Artificial Intelligence (Q2, rank 155, percentile 68)
  2022:
  - ? Electrical and Electronic Engineering (Q1, rank 155, percentile 79)
  - ? Control and Systems Engineering (Q1, rank 65, percentile 77)
  - ? Software (Q2, rank 111, percentile 72)
  - ? Artificial Intelligence (Q2, rank 90, percentile 70)
- ? Source Id: 25456

? Author Ids: 57251448400;19338029900;24479375600
? Authoraffiliationids: 60022109;60025153;60022109
? Corresponding: Bonzini A.A.

12.
  ? Title: Full-hand electrotactile feedback using electronic skin and matrix electrodes for high-bandwidth human-machine interfacing
  ? Venue: Philosophical Transactions of the Royal Society A Mathematical Physical and Engineering Sciences
  ? Year: 2022
  ? Type: Journal
  ? Subtype: Article
  ? Citations: 15
  ? DOI: 10.1098/rsta.2021.0017
  ? Scopus ID: 2-s2.0-85131825117
  ? Issn: 1364503x
  ? Volume: 380
  ? Issue: 2228
  ? Authors: Abbass Yahya; Dosen Strahinja; Seminara Lucia; Valle Maurizio
  ? Keywords: electronic skin | electrotactile stimulation | sensory feedback system | tactile sensors | teleoperation
  ? Quartile:
   2025:
   ? Mathematics (all) (Q1, rank 12, percentile 97)
   ? Engineering (all) (Q1, rank 50, percentile 85)
   ? Physics and Astronomy (all) (Q1, rank 38, percentile 84)
   2022:
   ? Mathematics (all) (Q1, rank 7, percentile 98)
   ? Engineering (all) (Q1, rank 26, percentile 91)
   ? Physics and Astronomy (all) (Q1, rank 29, percentile 88)
  ? Source Id: 29784
  ? Author Ids: 57211312886;23388778600;19338029900;57197744325
  ? Authoraffiliationids: 60025153;60022134;60025153;60025153
  ? Corresponding: Abbass Y.

13.
  ? Title: Novel Wearable Tactile Feedback System for post-stroke Rehabilitation
  ? Venue: Biocas 2021 IEEE Biomedical Circuits and Systems Conference Proceedings
  ? Year: 2021
  ? Type: Conference Proceeding
  ? Subtype: Conference Paper
  ? Citations: 6
  ? DOI: 10.1109/BioCAS49922.2021.9645020
  ? Scopus ID: 2-s2.0-85124187953
  ? Authors: Abbass Yahya; Seminara Lucia; Saleh Moustafa; Valle Maurizio
  ? Keywords: electrotactile stimulation | sensory feedback system | tactile glove | wearable electronics
  ? Source Id: 21101075303
  ? Author Ids: 57211312886;19338029900;57204771075;57197744325
  ? Authoraffiliationids: 60025153;60025153;60025153;60025153
  ? Corresponding: Abbass Y.

14.
  ? Title: Artificial skin and electrotactile stimulation for advanced tactile feedback in myoelectric prostheses
  ? Venue: Electronic Skin Sensors and Systems
  ? Year: 2020

? Type: Book
? Subtype: Book Chapter
? Citations: 0
? Scopus ID: 2-s2.0-85106591451
? Pages: 197-236
? Authors: Seminara Lucia; Strbac Matija; Amin Youssef; Valle Maurizio; Dosen Strahinja
? Source Id: 21101046681
? Author Ids: 19338029900;55185521500;57223977236;57197744325;23388778600
? Authoraffiliationids: 60025153;60110404;60025153;60025153;60022134
? Corresponding: Seminara L.

15.
? Title: Temporal Asynchrony but Not Total Energy Nor Duration Improves the Judgment of Numerosity in Electrotactile Stimulation
? Venue: Frontiers in Bioengineering and Biotechnology
? Year: 2020
? Type: Journal
? Subtype: Article
? Citations: 10
? DOI: 10.3389/fbioe.2020.00555
? Scopus ID: 2-s2.0-85087273856
? eISSN: 22964185
? Volume: 8
? Authors: Nataletti Sara; Leo Fabrizio; Seminara Lucia; Trompetto Carlo; Valle Maurizio; Dosen Strahinja; Brayda Luca
? Keywords: electrotactile stimulation | numerosity judgment | sensory substitution | somatosensory integration | stimulation timing | tactile feedback | touch | upper extremity
? Quartile:
  2025:
  ? Histology (Q1, rank 4, percentile 94)
  ? Biotechnology (Q1, rank 53, percentile 83)
  ? Biomedical Engineering (Q1, rank 59, percentile 82)
  ? Bioengineering (Q1, rank 31, percentile 81)
  2020:
  ? Histology (Q3, rank 34, percentile 44)
  ? Biotechnology (Q3, rank 158, percentile 44)
  ? Biomedical Engineering (Q3, rank 131, percentile 43)
  ? Bioengineering (Q3, rank 97, percentile 34)
? Source Id: 21100835954
? Author Ids: 57197797727;23467223100;19338029900;6602836622;57197744325;23388778600;6506625090
? Authoraffiliationids: 60102151-60121711;60102151;60025153;60107402-60025153;60025153;60022134;60102151-124700387
? Corresponding: Nataletti S.

16.
? Title: Dual-Parameter Modulation Improves Stimulus Localization in Multichannel Electrotactile Stimulation
? Venue: IEEE Transactions on Haptics
? Year: 2020
? Type: Journal
? Subtype: Article
? Citations: 20
? Doi: 10.1109/Toh.2019.2950625
? Scopus ID: 2-s2.0-85074534380

17.

? Authoraffiliationids: 60025153-60068774;60025153;60025153;60025153
? Corresponding: Fares H.

18.
? Title: Active haptic perception in robots: A review
? Venue: Frontiers in Neurorobotics
? Year: 2019
? Type: Journal
? Subtype: Review
? Citations: 67
? DOI: 10.3389/fnbot.2019.00053
? Scopus ID: 2-s2.0-85083964448
? eISSN: 16625218
? Volume: 13
? Authors: Seminara Lucia; Gastaldo Paolo; Watt Simon J.; Valyear Kenneth F.; Zuher Fernando; Mastrogiovanni Fulvio
? Keywords: Active touch | Exploration | Haptic perception | Humans and robots | Robot touch | Sensorimotor control
? Quartile:
  2025:
  ? Artificial Intelligence (Q1, rank 115, percentile 76)
  ? Biomedical Engineering (Q2, rank 90, percentile 73)
  2019:
  ? Biomedical Engineering (Q2, rank 71, percentile 68)
  ? Artificial Intelligence (Q2, rank 65, percentile 68)
? Source Id: 21100199837
? Author Ids: 19338029900;35612596100;7102659441;6505953917;55537786300;56962745700
? Authoraffiliationids: 60025153;60025153;60170449;60170449;60008088;60025153
? Corresponding: Seminara L.

19.
? Title: Live Demonstration: System based on Electronic Skin and Cutaneous Electrostimulation for Sensory Feedback in Prosthetics
? Venue: 2018 IEEE Biomedical Circuits and Systems Conference Biocas 2018 Proceedings
? Year: 2018
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1109/Biocas.2018.8584710
? Scopus ID: 2-s2.0-85060892777
? Authors: Alameh M.; Saleh M.; Ansovini F.; Fares H.; Ibrahim A.; Franceschi M.; Seminara L.; Valle M.; Dosen S.; Farina D.
? Source Id: 21100896985
? Author Ids: 57191244155;57204771075;55372827800;57197743964;57199654883;57038343300;19338029900;57197744325;23388778600;7004908025
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60022134;60015150
? Corresponding: Alameh M.

20.
? Title: Multi-Channel Electrotactile Stimulation System for Touch Substitution: A Case Study
? Venue: Prime 2018 14th Conference on Ph D Research in Microelectronics and Electronics
? Year: 2018
? Type: Conference Proceeding
? Subtype: Conference Paper

? Citations: 5
? Doi: 10.1109/Prime.2018.8430345
? Scopus ID: 2-s2.0-85052501499
? Pages: 213-216
? Authors: Fares Hoda; Seminara Lucia; Chible Hussein; Dosen Strahinja; Valle Maurizio
? Keywords: Electrotactile stimulation | frequency coding | restoration of sense of touch | somatosensory feedback | stimulation electrodes | tactile perception
? Source Id: 21100875439
? Author Ids: 57197743964;19338029900;7801443090;23388778600;57197744325
? Authoraffiliationids: 60025153-60068774;60025153;60068774;60022134;60025153
? Corresponding: Fares H.

21.
? Title: Screen Printed Tactile Sensing Arrays for Prosthetic Applications
? Venue: Proceedings IEEE International Symposium on Circuits and Systems
? Year: 2018
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 9
? Doi: 10.1109/Iscas.2018.8351892
? Scopus ID: 2-s2.0-85057127422
? Issn: 02714310
? Volume: 2018-May
? Authors: Fares H.; Seminara L.; Pinna L.; Valle M.; Groten J.; Hammer M.; Zirkl M.; Stadlober B.
? Keywords: flexible electronic skin | piezoelectric polymer screen printing | prosthetics | tactile sensing array
? Quartile:
  2025:
  ? Electrical and Electronic Engineering (Q3, rank 652, percentile 34)
  2018:
  ? Electrical and Electronic Engineering (Q3, rank 382, percentile 42)
? Source Id: 56190
? Author Ids: 57197743964;19338029900;35932431800;57197744325;34881624900;57204769126;8645083300;8645083800
? Authoraffiliationids: 60025153-60068774;60025153;60025153;60025153;60027742;60027742;60027742;60027742
? Corresponding: Fares H.

22.
? Title: Live Demonstration: Electrotactile feedback from an electronic skin through flexible electrode matrix
? Venue: Proceedings IEEE International Symposium on Circuits and Systems
? Year: 2018
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Iscas.2018.8351822
? Scopus ID: 2-s2.0-85057081051
? Issn: 02714310
? Volume: 2018-May
? Authors: Franceschi M.; Seminara L.; Dosen S.; Pinna L.; Fares H.; Saleh M.; Valle M.; Farina D.
? Quartile:
  2025:
  ? Electrical and Electronic Engineering (Q3, rank 652, percentile 34)

2018:
 ? Electrical and Electronic Engineering (Q3, rank 382, percentile 42)
? Source Id: 56190
? Author Ids: 57038343300;19338029900;23388778600;35932431800;57197743964;57204771075;57197744325;7004908025
? Authoraffiliationids:
60025153;60025153;60022134;60025153;60025153;60025153;60025153;60015150
? Corresponding: Franceschi M.
23.
 ? Title: Low power approximate multipliers for energy efficient data processing
? Venue: Journal of Low Power Electronics
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 9
? DOI: 10.1166/jolpe.2018.1536
? Scopus ID: 2-s2.0-85044861061
? Issn: 15461998
? eISSN: 15462005
? Volume: 14
? Issue: 1
? Pages: 110-117
? Authors: Osta Mario; Ibrahim Ali; Seminara Lucia; Chible Hussein; Valle Maurizio
? Keywords: Approximate computing techniques | Energy efficiency | Error tolerant adders | Inexact digital multipliers
? Quartile:
 2018:
 ? Electrical and Electronic Engineering (Q4, rank 539, percentile 19)
? Source Id: 13000154722
? Author Ids: 57197747347;57199654883;19338029900;7801443090;57197744325
? Authoraffiliationids: 60025153-60068774;60025153;60025153;60068774;60025153
? Corresponding: Osta M.
24.
 ? Title: Modeling electronic skin response to normal distributed force
? Venue: Sensors Switzerland
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 7
? DOI: 10.3390/s18020459
? Scopus ID: 2-s2.0-85041741532
? Issn: 14248220
? Volume: 18
? Issue: 2
? Authors: Seminara Lucia
? Keywords: Electronic skin | PVDF sensors | Skin modeling | Solid mechanics
? 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)

2018:
? Instrumentation (Q1, rank 23, percentile 82)
? Electrical and Electronic Engineering (Q1, rank 144, percentile 78)
? Atomic and Molecular Physics, and Optics (Q2, rank 47, percentile 73)
? Analytical Chemistry (Q2, rank 39, percentile 65)
? Biochemistry (Q2, rank 197, percentile 51)
? Source Id: 130124
? Author Ids: 19338029900
? Authoraffiliationids: 60025153
? Corresponding: Seminara L.

25.
? Title: Distributed sensing and stimulation systems for sense of touch restoration in prosthetics
? Venue: Proceedings 2017 1st New Generation of CAS Ngcas 2017
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 15
? Doi: 10.1109/Ngcas.2017.54
? Scopus ID: 2-s2.0-85034455727
? Pages: 177-180
? Authors: Fares Hoda; Seminara Lucia; Ibrahim Ali; Franceschi Marta; Pinna Luigi; Valle Maurizio; Dosen Strahinja; Farina Dario
? Keywords: Distributed sensing | Distributed stimulation | Embedded electronics | Prosthetic hands | Somatosensory feedback
? Source Id: 21100838549
? Author Ids: 57197743964;19338029900;57199654883;57038343300;35932431800;57197744325;23388778600;7004908025
? Authoraffiliationids: 60025153-60068774;60025153;60025153;60025153;60025153;60025153;60022134;60015150
? Corresponding: Fares H.

26.
? Title: Electronic skin and electrocutaneous stimulation to restore the sense of touch in hand prosthetics
? Venue: Proceedings IEEE International Symposium on Circuits and Systems
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 9
? Doi: 10.1109/Iscas.2017.8050264
? Scopus ID: 2-s2.0-85032685782
? Issn: 02714310
? Authors: Seminara L.; Franceschi M.; Pinna L.; Ibrahim A.; Valle M.; Dosen S.; Farina D.
? Keywords: electronic skin | embedded electronic system | prosthetics | tactile sensing
? Quartile:
2025:
? Electrical and Electronic Engineering (Q3, rank 652, percentile 34)
2017:
? Electrical and Electronic Engineering (Q3, rank 366, percentile 45)
? Source Id: 56190
? Author Ids: 19338029900;57038343300;35932431800;57199654883;57197744325;23388778600;7004908025

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60021110;60015150
? Corresponding: Seminara L.

27.
? Title: A System for Electrotactile Feedback Using Electronic Skin and Flexible Matrix Electrodes: Experimental Evaluation
? Venue: IEEE Transactions on Haptics
? Year: 2017
? Type: Journal
? Subtype: Article
? Citations: 68
? Doi: 10.1109/Toh.2016.2618377
? Scopus ID: 2-s2.0-85028334850
? Issn: 19391412
? Volume: 10
? Issue: 2
? Pages: 162-172
? Authors: Franceschi Marta; Seminara Lucia; Dosen Strahinja; Strbac Matija; Valle Maurizio; Farina Dario
? Keywords: Electronic skin | electrotactile stimulation | human-computer interaction | matrix electrodes | prosthetics | sensory substitution
? Quartile:
  2025:
  ? Computer Science Applications (Q2, rank 324, percentile 67)
  ? Human-Computer Interaction (Q2, rank 90, percentile 53)
  2017:
  ? Computer Science Applications (Q2, rank 144, percentile 74)
  ? Human-Computer Interaction (Q2, rank 27, percentile 70)
? Source Id: 12100154405
? Author Ids: 57038343300;19338029900;23388778600;55185521500;57197744325;7004908025
? Authoraffiliationids: 60025153;60025153;60021110-60110404;60276555;60025153;60015150
? Corresponding: Franceschi M.

28.
? Title: Achievements and open issues toward embedding tactile sensing and interpretation into electronic skin systems
? Venue: Material Integrated Intelligent Systems Technology and Applications
? Year: 2016
? Type: Book
? Subtype: Book Chapter
? Citations: 6
? DOI: 10.1002/9783527679249.ch23
? Scopus ID: 2-s2.0-85034445600
? Pages: 571-593
? Authors: Ibrahim Ali; Pinna Luigi; Seminara Lucia; Valle Maurizio
? Source Id: 21100870211
? Author Ids: 57199654883;35932431800;19338029900;57197744325
? Authoraffiliationids: 100505222;100505222;100505222;100505222
? Corresponding: Ibrahim A.

29.
? Title: A high-sensitivity tactile sensor based on piezoelectric polymer PVDF coupled to an ultra-low voltage organic transistor
? Venue: Organic Electronics Physics Materials Applications
? Year: 2016
? Type: Journal
? Subtype: Article

? Citations: 95
? DOI: 10.1016/j.orgel.2016.05.034
? Scopus ID: 2-s2.0-84974575282
? Issn: 15661199
? Volume: 36
? Pages: 57-60
? Authors: Spanu A.; Pinna L.; Viola F.; Seminara L.; Valle Maurizio; Bonfiglio A.;
Cosseddu P.
? Keywords: e-skin | Organic charge modulated FETs | Piezoelectric sensors
? Quartile:
  2025:
  ? Electrical and Electronic Engineering (Q2, rank 263, percentile 73)
  ? Condensed Matter Physics (Q2, rank 128, percentile 71)
  ? Chemistry (all) (Q2, rank 130, percentile 68)
  ? Electronic, Optical and Magnetic Materials (Q2, rank 102, percentile 67)
  ? Materials Chemistry (Q2, rank 129, percentile 60)
  ? Biomaterials (Q2, rank 69, percentile 52)
  2016:
  ? Materials Chemistry (Q1, rank 16, percentile 93)
  ? Condensed Matter Physics (Q1, rank 33, percentile 91)
  ? Electrical and Electronic Engineering (Q1, rank 64, percentile 90)
  ? Electronic, Optical and Magnetic Materials (Q1, rank 26, percentile 88)
  ? Chemistry (all) (Q1, rank 48, percentile 87)
  ? Biomaterials (Q1, rank 17, percentile 76)
? Source Id: 18663
? Author Ids:
55801736500;35932431800;56396332300;19338029900;57197744325;7004010259;23979421700
? Authoraffiliationids: 60032259;60025153;60032259;60025153;60025153;60032259;60032259
? Corresponding: Spanu A.

30.
  ? Title: Towards the integration of e-skin into prosthetic devices
  ? Venue: 2016 12th Conference on Ph D Research in Microelectronics and Electronics
  Prime 2016
  ? Year: 2016
  ? Type: Conference Proceeding
  ? Subtype: Conference Paper
  ? Citations: 9
  ? Doi: 10.1109/Prime.2016.7519546
  ? Scopus ID: 2-s2.0-84992036329
  ? Authors: Franceschi Marta; Seminara Lucia; Pinna Luigi; Valle Maurizio; Ibrahim Ali;
  Dosen Strahinja
  ? Keywords: Electronic Skin | Embedded Electronic System | Prosthetic Devices
  ? Source Id: 21100782632
  ? Author Ids: 57038343300;19338029900;35932431800;57197744325;57199654883;23388778600
  ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153-60068774;60021110
  ? Corresponding: Franceschi M.

31.
  ? Title: Towards integrating intelligence in electronic skin
  ? Venue: Mechatronics
  ? Year: 2016
  ? Type: Journal
  ? Subtype: Article
  ? Citations: 33
  ? DOI: 10.1016/j.mechatronics.2015.04.001

? Scopus ID: 2-s2.0-84928676853
? Issn: 09574158
? Volume: 34
? Pages: 84-94
? Authors: Seminara Lucia; Pinna Luigi; Ibrahim Ali; Noli Luca; Caviglia Stefano; Gastaldo Paolo; Valle Maurizio
? Keywords: E-skin | Electronic embedded systems | Materials integrated sensing | Piezoelectric polymers | Tactile information processing
? Quartile:
  2025:
  ? Mechanical Engineering (Q1, rank 144, percentile 80)
  ? Electrical and Electronic Engineering (Q1, rank 208, percentile 79)
  ? Control and Systems Engineering (Q1, rank 86, percentile 77)
  ? Computer Science Applications (Q1, rank 240, percentile 75)
  2016:
  ? Mechanical Engineering (Q1, rank 42, percentile 92)
  ? Electrical and Electronic Engineering (Q1, rank 93, percentile 85)
  ? Computer Science Applications (Q1, rank 80, percentile 85)
? Source Id: 21096
? Author Ids:
19338029900;35932431800;57199654883;6507179015;56369796600;35612596100;57197744325
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Seminara L.
32.
? Title: Preliminary evaluation of the tactile feedback system based on artificial skin
  and electrotactile stimulation
? Venue: Proceedings of the Annual International Conference of the IEEE Engineering in
Medicine and Biology Society EMBS
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 13
? Doi: 10.1109/Embc.2015.7319407
? Scopus ID: 2-s2.0-84953324863
? Issn: 1557170x
? Volume: 2015-November
? Pages: 4554-4557
? Authors: Franceschi M.; Seminara L.; Pinna L.; Dosen S.; Farina D.; Valle M.
? Quartile:
  2025:
  ? Electrical and Electronic Engineering (Q3, rank 585, percentile 41)
  2015:
  ? Subject (Q3, rank 59, percentile 33)
  ? Subject (Q3, rank 2279, percentile 30)
  ? Subject (Q3, rank 46, percentile 28)
  ? Subject (Q3, rank 132, percentile 28)
  ? Subject (Q4, rank 43, percentile 21)
? Source Id: 34202
? Author Ids: 57038343300;19338029900;35932431800;23388778600;7004908025;57197744325
? Authoraffiliationids: 60025153;60025153;60025153;60021110;60021110;60025153
? Corresponding: Franceschi M.
33.
? Title: Tactile data processing method for the reconstruction of contact force
  distributions

? Venue: Mechatronics
? Year: 2015
? Type: Journal
? Subtype: Article
? Citations: 21
? DOI: 10.1016/j.mechatronics.2015.02.001
? Scopus ID: 2-s2.0-84926155544
? Issn: 09574158
? Volume: 27
? Pages: 28-37
? Authors: Seminara Lucia; Capurro Marco; Valle Maurizio
? Keywords: Array signal processing | Force reconstruction | Inverse problems | Tactile
  sensors
? Quartile:
  2025:
  ? Mechanical Engineering (Q1, rank 144, percentile 80)
  ? Electrical and Electronic Engineering (Q1, rank 208, percentile 79)
  ? Control and Systems Engineering (Q1, rank 86, percentile 77)
  ? Computer Science Applications (Q1, rank 240, percentile 75)
  2015:
  ? Mechanical Engineering (Q1, rank 46, percentile 91)
  ? Electrical and Electronic Engineering (Q1, rank 98, percentile 85)
  ? Computer Science Applications (Q1, rank 90, percentile 82)
? Source Id: 21096
? Author Ids: 19338029900;7004519617;57197744325
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Seminara L.

34.
? Title: A tensor-based approach to touch modality classification by using machine
  learning
? Venue: Robotics and Autonomous Systems
? Year: 2015
? Type: Journal
? Subtype: Article
? Citations: 48
? DOI: 10.1016/j.robot.2014.09.022
? Scopus ID: 2-s2.0-84919492826
? Issn: 09218890
? Volume: 63
? Issue: P3
? Pages: 268-278
? Authors: Gastaldo P.; Pinna L.; Seminara L.; Valle M.; Zunino R.
? Keywords: Array signal processing | Kernel machines | Machine learning | PVDF tactile
  sensors | Touch modality
? Quartile:
  2025:
  ? Mathematics (all) (Q1, rank 6, percentile 98)
  ? Control and Systems Engineering (Q1, rank 46, percentile 88)
  ? Software (Q1, rank 71, percentile 85)
  ? Computer Science Applications (Q1, rank 143, percentile 85)
  2015:
  ? Mathematics (all) (Q1, rank 10, percentile 97)
  ? Control and Systems Engineering (Q1, rank 30, percentile 86)
  ? Computer Science Applications (Q1, rank 71, percentile 86)

? Software (Q1, rank 71, percentile 81)
? Source Id: 18079
? Author Ids: 35612596100;35932431800;19338029900;57197744325;7006338311
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Gastaldo P.

35.
? Title: Tactile sensors with integrated piezoelectric polymer and low voltage organic thin-film transistors
? Venue: Proceedings of IEEE Sensors
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 11
? Doi: 10.1109/Icsens.2014.6985358
? Scopus ID: 2-s2.0-84931024078
? Issn: 19300395
? eISSN: 21689229
? Volume: 2014-December
? Issue: December
? Pages: 1734-1736
? Authors: Cosseddu P.; Viola F.; Lai S.; Raffo L.; Seminara L.; Pinna L.; Valle M.; Dahiya R.; Bonfiglio A.
? Keywords: Electronic skin | Organic TFTs | Piezoelectric polymers | Ultra-low voltage devices
? Quartile:
  2025:
  ? Electrical and Electronic Engineering (Q3, rank 687, percentile 31)
  2014:
  ? Electrical and Electronic Engineering (Q3, rank 342, percentile 47)
? Source Id: 74882
? Author Ids: 23979421700;56396332300;54980367800;7003651730;19338029900;35932431800;57197744325;24331529200;7004010259
? Authoraffiliationids: 60021199;60032259;60032259;60032259;60025153;60025153;60025153;60001490;60032259
? Corresponding: Cosseddu P.

36.
? Title: Towards prosthetic systems providing comprehensive tactile feedback for utility and embodiment
? Venue: IEEE 2014 Biomedical Circuits and Systems Conference Biocas 2014 Proceedings
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 18
? DOI: 10.1109/BioCAS.2014.6981802
? Scopus ID: 2-s2.0-84920517469
? Pages: 620-623
? Authors: Hartmann C.; Linde J.; Dosen S.; Farina D.; Seminara L.; Pinna L.; Valle M.; Capurro M.
? Keywords: closed-loop myoelectric prostheses | electro-tactile feedback | electronic skin | prosthesis embodiment | sensor fusion | spatial and intensity coding
? Source Id: 21100364848
? Author Ids: 37003647200;56470460700;23388778600;7004908025;19338029900;35932431800;57197744325;7004519617
? Authoraffiliationids:

60021110;60021110;60021110;60021110;60025153;60025153;60025153;60025153
? Corresponding: Hartmann C.

37.
? Title: Computational intelligence techniques for tactile sensing systems
? Venue: Sensors Switzerland
? Year: 2014
? Type: Journal
? Subtype: Article
? Citations: 31
? DOI: 10.3390/s140610952
? Scopus ID: 2-s2.0-84902988710
? Issn: 14248220
? Volume: 14
? Issue: 6
? Pages: 10952-10976
? Authors: Gastaldo Paolo; Pinna Luigi; Seminara Lucia; Valle Maurizio; Zunino Rodolfo
? Keywords: Computational intelligence | Electronic skin | Human-robot interaction | Pattern recognition | Touch modalities
? 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)
  2014:
  ? Electrical and Electronic Engineering (Q1, rank 103, percentile 84)
  ? Atomic and Molecular Physics, and Optics (Q1, rank 28, percentile 82)
  ? Analytical Chemistry (Q2, rank 35, percentile 64)
  ? Biochemistry (Q2, rank 176, percentile 53)
? Source Id: 130124
? Author Ids: 35612596100;35932431800;19338029900;57197744325;7006338311
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Gastaldo P.

38.
? Title: A tensor-based pattern-recognition framework for the interpretation of touch modality in artificial skin systems
? Venue: IEEE Sensors Journal
? Year: 2014
? Type: Journal
? Subtype: Article
? Citations: 34
? Doi: 10.1109/Jsen.2014.2320820
? Scopus ID: 2-s2.0-84901917081
? Issn: 1530437x
? Volume: 14
? Issue: 7
? Pages: 2216-2225
? Authors: Gastaldo Paolo; Pinna Luigi; Seminara Lucia; Valle Maurizio; Zunino Rodolfo
? Keywords: artificial skin | kernel machines | machine learning | pattern recognition | Tactile sensors | touch modality interpretation
? Quartile:
  2025:

   ? Instrumentation (Q1, rank 27, percentile 85)
   ? Electrical and Electronic Engineering (Q1, rank 175, percentile 82)
   2014:
   ? Instrumentation (Q1, rank 13, percentile 87)
   ? Electrical and Electronic Engineering (Q1, rank 99, percentile 84)
  ? Source Id: 15047
  ? Author Ids: 35612596100;35932431800;19338029900;57197744325;7006338311
  ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
  ? Corresponding: Gastaldo P.

39.
  ? Title: Real-time reconstruction of contact shapes for large area robot skin
  ? Venue: Proceedings IEEE International Conference on Robotics and Automation
  ? Year: 2013
  ? Type: Conference Proceeding
  ? Subtype: Conference Paper
  ? Citations: 21
  ? Doi: 10.1109/Icra.2013.6630897
  ? Scopus ID: 2-s2.0-84887295706
  ? Issn: 10504729
  ? Pages: 2360-2366
  ? Authors: Muscari Luca; Seminara Lucia; Mastrogiovanni Fulvio; Valle Maurizio; Capurro Marco; Cannata Giorgio
  ? Quartile:
   2025:
   ? Electrical and Electronic Engineering (Q1, rank 242, percentile 75)
   ? Control and Systems Engineering (Q2, rank 97, percentile 74)
   ? Software (Q2, rank 146, percentile 70)
   ? Artificial Intelligence (Q2, rank 155, percentile 68)
   2013:
   ? Electrical and Electronic Engineering (Q1, rank 97, percentile 84)
   ? Control and Systems Engineering (Q1, rank 40, percentile 80)
   ? Software (Q1, rank 90, percentile 75)
   ? Artificial Intelligence (Q2, rank 49, percentile 67)
  ? Source Id: 25456
  ? Author Ids: 55921933200;19338029900;56962745700;57197744325;7004519617;7005466764
  ? Authoraffiliationids: 60121711;60025153;60121711;60025153;60025153;60121711
  ? Corresponding: Muscari L.

40.
  ? Title: Piezoelectric polymer transducer arrays for flexible tactile sensors
  ? Venue: IEEE Sensors Journal
  ? Year: 2013
  ? Type: Journal
  ? Subtype: Article
  ? Citations: 116
  ? Doi: 10.1109/Jsen.2013.2268690
  ? Scopus ID: 2-s2.0-84884145968
  ? Issn: 1530437x
  ? Volume: 13
  ? Issue: 10
  ? Pages: 4022-4029
  ? Authors: Seminara Lucia; Pinna Luigi; Valle Maurizio; Basirico Laura; Loi Alberto; Cosseddu Piero; Bonfiglio Annalisa; Ascia Alberto; Biso Maurizio; Ansaldo Alberto; Ricci Davide; Metta Giorgio
  ? Keywords: artificial skin | flexible sensors | ink jet printing | materials

processing | PVDF piezoelectric transducers | robotic skin
  ? Quartile:
   2025:
   ? Instrumentation (Q1, rank 27, percentile 85)
   ? Electrical and Electronic Engineering (Q1, rank 175, percentile 82)
   2013:
   ? Instrumentation (Q1, rank 17, percentile 82)
   ? Electrical and Electronic Engineering (Q1, rank 129, percentile 79)
  ? Source Id: 15047
  ? Author Ids: 19338029900;35932431800;57197744325;36812734200;55388529600;23979421700;7004010259;16052373800;23670194500;14833820700;35452031700;6602884280
  ? Authoraffiliationids: 60025153;60025153;60025153;60032259;60032259;60032259;60032259;60102151;60102151;60102151;60102151;60102151
  ? Corresponding: Seminara L.
41.
  ? Title: The ROBOSKIN Project: Challenges and Results
  ? Venue: CISM International Centre for Mechanical Sciences Courses and Lectures
  ? Year: 2013
  ? Type: Book Series
  ? Subtype: Book Chapter
  ? Citations: 24
  ? Doi: 10.1007/978-3-7091-1379-0_43
  ? Scopus ID: 2-s2.0-84903180711
  ? Issn: 02541971
  ? eISSN: 23093706
  ? Volume: 544
  ? Pages: 351-358
  ? Authors: Billard Aude; Bonfiglio Annalisa; Cannata Giorgio; Cosseddu Piero; Dahl Torbjorn; Dautenhahn Kerstin; Mastrogiovanni Fulvio; Metta Giorgio; Natale Lorenzo; Robins Ben; Seminara Lucia; Valle Maurizio
  ? Keywords: Humanoid Robot | Modular Robot | Robot Platform | Robot Programming | Tactile Feedback
  ? Quartile:
   2025:
   ? Mechanical Engineering (Q3, rank 505, percentile 31)
   ? Modeling and Simulation (Q3, rank 261, percentile 30)
   ? Mechanics of Materials (Q3, rank 300, percentile 27)
   ? Computer Science Applications (Q3, rank 718, percentile 26)
  ? Source Id: 20420
  ? Author Ids: 7006389948;7004010259;7005466764;23979421700;25723210400;7003305185;56962745700;6602884280;9737895100;8585983100;19338029900;57197744325
  ? Authoraffiliationids: 60028186;60032259;60025153;60032259;60017826;60032760;60025153;60102151;60102151;60032760;60025153;60025153
  ? Corresponding: Billard A.
42.
  ? Title: Piezoelectric polymer transducer arrays for flexible tactile sensors
  ? Venue: Proceedings of IEEE Sensors
  ? Year: 2012
  ? Type: Conference Proceeding
  ? Subtype: Conference Paper
  ? Citations: 14
  ? Doi: 10.1109/Icsens.2012.6411300
  ? Scopus ID: 2-s2.0-84873958938
  ? Authors: Seminara Lucia; Pinna Luigi; Valle Maurizio; Basirico Laura; Loi Alberto;

Cosseddu Piero; Bonfiglio Annalisa; Ascia Alberto; Biso Maurizio; Ansaldo Alberto; Ricci Davide; Metta Giorgio
? Quartile:
　2025:
　? Electrical and Electronic Engineering (Q3, rank 687, percentile 31)
　2012:
　? Electrical and Electronic Engineering (Q3, rank 410, percentile 33)
? Source Id: 74882
? Author Ids: 19338029900;35932431800;57197744325;36812734200;55388529600;23979421700;7004010259;16052373800;23670194500;14833820700;35452031700;6602884280
? Authoraffiliationids: 60025153;60025153;60025153;60032259;60032259;60032259;60032259;60102151;60102151;60102151;60102151;60102151
? Corresponding: Seminara L.

43.
? Title: Bending response of PVDF piezoelectric sensors
? Venue: Proceedings of IEEE Sensors
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Icsens.2012.6411405
? Scopus ID: 2-s2.0-84873945403
? Authors: Seminara Lucia; Valle Maurizio; Capurro Marco
? Quartile:
　2025:
　? Electrical and Electronic Engineering (Q3, rank 687, percentile 31)
　2012:
　? Electrical and Electronic Engineering (Q3, rank 410, percentile 33)
? Source Id: 74882
? Author Ids: 19338029900;57197744325;7004519617
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Seminara L.

44.
? Title: Piezoelectric polymer films for tactile sensors
? Venue: Lecture Notes in Electrical Engineering
? Year: 2012
? Type: Book Series
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1007/978-1-4614-0935-9_29
? Scopus ID: 2-s2.0-84855819621
? Issn: 18761100
? eISSN: 18761119
? Volume: 109 Lnee
? Pages: 169-173
? Authors: Seminara Lucia; Valle Maurizio; Capurro Marco; Cirillo Paolo; Cannata Giorgio
? Quartile:
　2025:
　? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)
　2012:
　? Industrial and Manufacturing Engineering (Q3, rank 203, percentile 27)
? Source Id: 19700186822
? Author Ids: 19338029900;57197744325;7004519617;7004361886;7005466764

- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
- ? Corresponding: Seminara L.

45.
- ? Title: Interface electronics for tactile sensing arrays
- ? Venue: 2011 18th IEEE International Conference on Electronics Circuits and Systems Icecs 2011
- ? Year: 2011
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 5
- ? Doi: 10.1109/Icecs.2011.6122314
- ? Scopus ID: 2-s2.0-84856483621
- ? Pages: 468-471
- ? Authors: Pinna Luigi; Carlini Giorgio; Seminara Lucia; Valle Maurizio
- ? Source Id: 21100197501
- ? Author Ids: 35932431800;6602861946;19338029900;57197744325
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153
- ? Corresponding: Pinna L.

46.
- ? Title: Electromechanical characterization of piezoelectric PVDF polymer films for tactile sensors in robotics applications
- ? Venue: Sensors and Actuators A Physical
- ? Year: 2011
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 142
- ? DOI: 10.1016/j.sna.2011.05.004
- ? Scopus ID: 2-s2.0-79959695662
- ? Issn: 09244247
- ? Volume: 169
- ? Issue: 1
- ? Pages: 49-58
- ? Authors: Seminara Lucia; Capurro Marco; Cirillo Paolo; Cannata Giorgio; Valle Maurizio
- ? Keywords: Complex elastic moduli | Complex piezoelectric moduli | Piezoelectric polymers | PVDF | Tactile sensors | Viscoelastic materials
- ? Quartile:
  2025:
  - ? Instrumentation (Q1, rank 23, percentile 88)
  - ? Condensed Matter Physics (Q1, rank 63, percentile 85)
  - ? Metals and Alloys (Q1, rank 26, percentile 85)
  - ? Electrical and Electronic Engineering (Q1, rank 153, percentile 84)
  - ? Surfaces, Coatings and Films (Q1, rank 26, percentile 81)
  - ? Electronic, Optical and Magnetic Materials (Q1, rank 58, percentile 81)
  2011:
  - ? Instrumentation (Q1, rank 5, percentile 95)
  - ? Metals and Alloys (Q1, rank 9, percentile 93)
  - ? Surfaces, Coatings and Films (Q1, rank 11, percentile 88)
  - ? Electrical and Electronic Engineering (Q1, rank 69, percentile 88)
  - ? Condensed Matter Physics (Q1, rank 55, percentile 85)
  - ? Electronic, Optical and Magnetic Materials (Q1, rank 29, percentile 84)
- ? Source Id: 13660
- ? Author Ids: 19338029900;7004519617;7004361886;7005466764;57197744325
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Seminara L.

47.
? Title: Thermal simulation and package investigation of wireless gas sensors microsystems
? Venue: 15th International Workshop on Thermal Investigations of Ics and Systems Therminic 2009
? Year: 2009
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-71749104677
? Pages: 66-69
? Authors: Paoli Andrea; Seminara Lucia; Caviglia Daniele D.; Garibbo Alessandro; Valle Maurizio
? Source Id: 19500157016
? Author Ids: 58768885200;19338029900;7004012654;6506630356;57197744325
? Authoraffiliationids: 60025153;60083763;60025153;60083763;60025153
? Corresponding: Paoli A.

48.
? Title: Batch fabrication of nanostructured heterogeneous microarrays for chemical sensing
? Venue: 2007 Nsti Nanotechnology Conference and Trade Show Nsti Nanotech 2007 Technical Proceedings
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Scopus ID: 2-s2.0-34548040446
? Volume: 1
? Pages: 336-338
? Authors: Barborini E.; Leccardi M.; Bertolini G.; Rorato O.; Repetto P.; Bandiera D.; Gatelli M.; Raso A.; Garibbo A.; Seminara L.; Ducati C.; Milani P.
? Keywords: Batch deposition | Clusters | Gas sensors | Nanostructure | Thin film
? Source Id: 7200153171
? Author Ids: 7004729494;24080619100;19337007400;15123204100;36890837900;15130512300;15131854000;15122891600;6506630356;19338029900;6603883362;7004296540
? Authoraffiliationids: 60121947;60121947;60121947;60121947;60121947;60121947;60121947;60083763;60083763;60083763;60031101;60030318
? Corresponding: Barborini E.

49.
? Title: Implantation of size-selected silver clusters into graphite: Linearity of implantation depth vs. scaled momentum
? Venue: European Physical Journal D
? Year: 2004
? Type: Journal
? Subtype: Article
? Citations: 25
? DOI: 10.1140/epjd/e2004-00011-9
? Scopus ID: 2-s2.0-1842715163
? Issn: 14346060
? Volume: 29
? Issue: 1
? Pages: 49-56
? Authors: Seminara L.; Convers P.; Monot R.; Harbich W.