

Giovanni Pioggia

List of Publications by Year in descending order

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Version: 2024-02-01

196
papers

4,387
citations

117453

34
h-index

155451

55
g-index

209
all docs

209
docs citations

209
times ranked

5750
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Autism and social robotics: A systematic review. <i>Autism Research</i> , 2016, 9, 165-183. | 2.1 | 312 |
| 2 | Interactive Technologies for Autistic Children: A Review. <i>Cognitive Computation</i> , 2014, 6, 722-740. | 3.6 | 222 |
| 3 | A mobile data collection platform for mental health research. <i>Personal and Ubiquitous Computing</i> , 2013, 17, 241-251. | 1.9 | 120 |
| 4 | How children with autism spectrum disorder behave and explore the 4-dimensional (spatial 3D+time) environment during a joint attention induction task with a robot. <i>Research in Autism Spectrum Disorders</i> , 2014, 8, 814-826. | 0.8 | 120 |
| 5 | Experiential Virtual Scenarios With Real-Time Monitoring (Interreality) for the Management of Psychological Stress: A Block Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2014, 16, e167. | 2.1 | 105 |
| 6 | Inflammatory and Anti-Inflammatory Equilibrium, Proliferative and Antiproliferative Balance: The Role of Cytokines in Multiple Myeloma. <i>Mediators of Inflammation</i> , 2017, 2017, 1-24. | 1.4 | 99 |
| 7 | Characterisation of humidity dependence of a metal oxide semiconductor sensor array using partial least squares. <i>Sensors and Actuators B: Chemical</i> , 2008, 131, 230-235. | 4.0 | 92 |
| 8 | An android for enhancing social skills and emotion recognition in people with autism. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2005, 13, 507-515. | 2.7 | 85 |
| 9 | On the Application of Quantitative EEG for Characterizing Autistic Brain: A Systematic Review. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 442. | 1.0 | 85 |
| 10 | Oxidative Stress and Atopic Dermatitis. <i>Antioxidants</i> , 2020, 9, 196. | 2.2 | 82 |
| 11 | An efficient unsupervised fetal QRS complex detection from abdominal maternal ECG. <i>Physiological Measurement</i> , 2014, 35, 1607-1619. | 1.2 | 80 |
| 12 | Difference in Visual Social Predispositions Between Newborns at Low- and High-risk for Autism. <i>Scientific Reports</i> , 2016, 6, 26395. | 1.6 | 80 |
| 13 | Coexistence of amplitude and frequency modulations in intracellular calcium dynamics. <i>Physical Review E</i> , 2008, 77, 030903. | 0.8 | 70 |
| 14 | Personal Health System architecture for stress monitoring and support to clinical decisions. <i>Computer Communications</i> , 2012, 35, 1296-1305. | 3.1 | 68 |
| 15 | Anticancer Activity of <i>Rosmarinus officinalis</i> L.: Mechanisms of Action and Therapeutic Potentials. <i>Nutrients</i> , 2020, 12, 1739. | 1.7 | 62 |
| 16 | Outcomes of a Robot-Assisted Social-Emotional Understanding Intervention for Young Children with Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 1973-1987. | 1.7 | 61 |
| 17 | Olfaction in autism spectrum disorders: A systematic review. <i>Child Neuropsychology</i> , 2017, 23, 1-25. | 0.8 | 60 |
| 18 | A composite sensor array impedentiometric electronic tonguePart I. Characterization. <i>Biosensors and Bioelectronics</i> , 2007, 22, 2618-2623. | 5.3 | 58 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Disentangling the initiation from the response in joint attention: an eye-tracking study in toddlers with autism spectrum disorders. <i>Translational Psychiatry</i> , 2016, 6, e808-e808. | 2.4 | 57 |
| 20 | Implementation of the Early Start Denver Model in an Italian community. <i>Autism</i> , 2018, 22, 126-133. | 2.4 | 57 |
| 21 | An electronic nose for odour annoyance assessment. <i>Atmospheric Environment</i> , 2001, 35, 1225-1234. | 1.9 | 55 |
| 22 | MicroRNA Profiling in Asthma: Potential Biomarkers and Therapeutic Targets. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 642-650. | 1.4 | 55 |
| 23 | Association Between Atopic Dermatitis and Autism Spectrum Disorders: A Systematic Review. <i>American Journal of Clinical Dermatology</i> , 2015, 16, 371-388. | 3.3 | 52 |
| 24 | Monitoring of autonomic response to sociocognitive tasks during treatment in children with Autism Spectrum Disorders by wearable technologies: A feasibility study. <i>Computers in Biology and Medicine</i> , 2017, 85, 143-152. | 3.9 | 48 |
| 25 | A composite sensor array impedentiometric electronic tonguePart II. Discrimination of basic tastes. <i>Biosensors and Bioelectronics</i> , 2007, 22, 2624-2628. | 5.3 | 47 |
| 26 | Vitamin D and Covid-19: an update on evidence and potential therapeutic implications. <i>Clinical and Molecular Allergy</i> , 2020, 18, 23. | 0.8 | 47 |
| 27 | Cognitive training modifies frequency EEG bands and neuropsychological measures in Rett syndrome. <i>Research in Developmental Disabilities</i> , 2016, 53-54, 73-85. | 1.2 | 46 |
| 28 | Poly(alkoxy-bithiophenes) sensors for organic vapours. <i>Sensors and Actuators B: Chemical</i> , 2003, 88, 178-189. | 4.0 | 45 |
| 29 | Interactions between the MicroRNAs and Microbiota in Cancer Development: Roles and Therapeutic Opportunities. <i>Cancers</i> , 2020, 12, 805. | 1.7 | 43 |
| 30 | Human-Robot Interaction in Autism: FACE, an Android-based Social Therapy. , 2007, , . | | 42 |
| 31 | The FACE of autism. , 2010, , . | | 42 |
| 32 | Association between HMGB1 and COPD: A Systematic Review. <i>Mediators of Inflammation</i> , 2015, 2015, 1-8. | 1.4 | 42 |
| 33 | Omalizumab for the Treatment of Chronic Idiopathic Urticaria: Systematic Review of the Literature. <i>Pharmacotherapy</i> , 2017, 37, 464-480. | 1.2 | 39 |
| 34 | Oxidative Stress and Photodynamic Therapy of Skin Cancers: Mechanisms, Challenges and Promising Developments. <i>Antioxidants</i> , 2020, 9, 448. | 2.2 | 38 |
| 35 | An Integrated Approach for the Monitoring of Brain and Autonomic Response of Children with Autism Spectrum Disorders during Treatment by Wearable Technologies. <i>Frontiers in Neuroscience</i> , 2016, 10, 276. | 1.4 | 37 |
| 36 | Implementation of Fowler's method for end-tidal air sampling. <i>Journal of Breath Research</i> , 2008, 2, 037009. | 1.5 | 36 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Secondary Immunodeficiency in Hematological Malignancies: Focus on Multiple Myeloma and Chronic Lymphocytic Leukemia. <i>Frontiers in Immunology</i> , 2021, 12, 738915. | 2.2 | 34 |
| 38 | The Osteoporosis/Microbiota Linkage: The Role of miRNA. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8887. | 1.8 | 33 |
| 39 | GOLIAH: A Gaming Platform for Home-Based Intervention in Autism “ Principles and Design. <i>Frontiers in Psychiatry</i> , 2016, 7, 70. | 1.3 | 32 |
| 40 | Immature myeloid-derived suppressor cells: A bridge between inflammation and cancer. <i>Oncology Reports</i> , 2017, 37, 671-683. | 1.2 | 32 |
| 41 | Evaluation of pulmonary disease using static lung volumes in primary ciliary dyskinesia. <i>Thorax</i> , 2012, 67, 993-999. | 2.7 | 31 |
| 42 | Nutraceuticals against Oxidative Stress in Autoimmune Disorders. <i>Antioxidants</i> , 2021, 10, 261. | 2.2 | 31 |
| 43 | Automatic Emotion Recognition in Robot-Children Interaction for ASD Treatment. , 2015, , . | | 30 |
| 44 | Fluid dynamic simulation of a measurement chamber for electronic noses. <i>Sensors and Actuators B: Chemical</i> , 2002, 85, 166-174. | 4.0 | 29 |
| 45 | The Mitochondrial Dysfunction Hypothesis in Autism Spectrum Disorders: Current Status and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5785. | 1.8 | 29 |
| 46 | NEuronMORphological analysis tool: open-source software for quantitative morphometrics. <i>Frontiers in Neuroinformatics</i> , 2013, 7, 2. | 1.3 | 28 |
| 47 | Cancer and SARS-CoV-2 Infection: Diagnostic and Therapeutic Challenges. <i>Cancers</i> , 2020, 12, 1581. | 1.7 | 28 |
| 48 | Vitamin deficiency as risk factor for SARS-CoV-2 infection: correlation with susceptibility and prognosis. <i>European Review for Medical and Pharmacological Sciences</i> , 2020, 24, 9721-9738. | 0.5 | 28 |
| 49 | Reduced preference for social rewards in a novel tablet based task in young children with Autism Spectrum Disorders. <i>Scientific Reports</i> , 2017, 7, 3329. | 1.6 | 27 |
| 50 | Vitamin D Deficiency, Osteoporosis and Effect on Autoimmune Diseases and Hematopoiesis: A Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8855. | 1.8 | 27 |
| 51 | A Sensing Seat for Human Authentication. <i>IEEE Transactions on Information Forensics and Security</i> , 2009, 4, 451-459. | 4.5 | 26 |
| 52 | A new method for QRS complex detection in multichannel ECG: Application to self-monitoring of fetal health. <i>Computers in Biology and Medicine</i> , 2017, 85, 125-134. | 3.9 | 26 |
| 53 | Tele-Assisted Behavioral Intervention for Families with Children with Autism Spectrum Disorders: A Randomized Control Trial. <i>Brain Sciences</i> , 2020, 10, 649. | 1.1 | 26 |
| 54 | Alarmins in Osteoporosis, RAGE, IL-1, and IL-33 Pathways: A Literature Review. <i>Medicina (Lithuania)</i> , 2020, 56, 138. | 0.8 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Machine Learning and Deep Learning Applications in Multiple Myeloma Diagnosis, Prognosis, and Treatment Selection. <i>Cancers</i> , 2022, 14, 606. | 1.7 | 26 |
| 56 | Synergic Crosstalk between Inflammation, Oxidative Stress, and Genomic Alterations in BCR α -ABL-Negative Myeloproliferative Neoplasm. <i>Antioxidants</i> , 2020, 9, 1037. | 2.2 | 25 |
| 57 | Clinico-Biological Implications of Modified Levels of Cytokines in Chronic Lymphocytic Leukemia: A Possible Therapeutic Role. <i>Cancers</i> , 2020, 12, 524. | 1.7 | 25 |
| 58 | A neuron α -astrocyte transistor-like model for neuromorphic dressed neurons. <i>Neural Networks</i> , 2011, 24, 679-685. | 3.3 | 24 |
| 59 | Study of Mechanisms of Social Interaction Stimulation in Autism Spectrum Disorder by Assisted Humanoid Robot. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2018, 10, 993-1004. | 2.6 | 24 |
| 60 | The role of wearable sensors and wireless technologies for the assessment of heart rate variability in anorexia nervosa. <i>Eating and Weight Disorders</i> , 2015, 20, 23-31. | 1.2 | 23 |
| 61 | A Smart Sensor System for Detecting Hydrocarbon Volatile Organic Compounds in Sea Water. <i>Clean - Soil, Air, Water</i> , 2015, 43, 147-152. | 0.7 | 22 |
| 62 | Mindfulness-Based Interventions for Physical and Psychological Wellbeing in Cardiovascular Diseases: A Systematic Review and Meta-Analysis. <i>Brain Sciences</i> , 2021, 11, 727. | 1.1 | 22 |
| 63 | Development of SaraHome: A novel, well-accepted, technology-based assessment tool for patients with ataxia. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 188, 105257. | 2.6 | 21 |
| 64 | Exhaled air temperature in asthmatic children: a mathematical evaluation. <i>Pediatric Allergy and Immunology</i> , 2009, 20, 164-171. | 1.1 | 20 |
| 65 | Validation of the Quantitative Checklist for Autism in Toddlers in an Italian Clinical Sample of Young Children With Autism and Other Developmental Disorders. <i>Frontiers in Psychiatry</i> , 2019, 10, 488. | 1.3 | 20 |
| 66 | Therapies with Antioxidant Potential in Psoriasis, Vitiligo, and Lichen Planus. <i>Antioxidants</i> , 2021, 10, 1087. | 2.2 | 20 |
| 67 | A radially symmetric measurement chamber for electronic noses. <i>Sensors and Actuators B: Chemical</i> , 2005, 105, 295-303. | 4.0 | 19 |
| 68 | Characterization of a carbon nanotube polymer composite sensor for an impedimetric electronic tongue. <i>Mikrochimica Acta</i> , 2008, 163, 57-62. | 2.5 | 19 |
| 69 | Identifying major contributing sources to odour annoyance using a non-specific gas sensor array. <i>Biosystems Engineering</i> , 2009, 102, 305-312. | 1.9 | 19 |
| 70 | Monitoring Asthma Control in Children With Allergies by Soft Computing of Lung Function and Exhaled Nitric Oxide. <i>Chest</i> , 2011, 139, 319-327. | 0.4 | 19 |
| 71 | A Personal Health System for Self-Management of Congestive Heart Failure (HeartMan): Development, Technical Evaluation, and Proof-of-Concept Randomized Controlled Trial. <i>JMIR Medical Informatics</i> , 2021, 9, e24501. | 1.3 | 19 |
| 72 | Assessment of bioinspired models for pattern recognition in biomimetic systems. <i>Bioinspiration and Biomimetics</i> , 2008, 3, 016004. | 1.5 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Neuro-Fuzzy Physiological Computing to Assess Stress Levels in Virtual Reality Therapy. <i>Interacting With Computers</i> , 2015, 27, 521-533. | 1.0 | 18 |
| 74 | GOLIAH (Gaming Open Library for Intervention in Autism at Home): a 6-month single blind matched controlled exploratory study. <i>Child and Adolescent Psychiatry and Mental Health</i> , 2017, 11, 17. | 1.2 | 18 |
| 75 | A Computer Vision Based Approach for Understanding Emotional Involvements in Children with Autism Spectrum Disorders. , 2017, , . | | 18 |
| 76 | Autism and lack of D3 vitamin: A systematic review. <i>Research in Autism Spectrum Disorders</i> , 2014, 8, 1685-1698. | 0.8 | 17 |
| 77 | Validation of low-cost system for gait assessment in children with ataxia. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 196, 105705. | 2.6 | 17 |
| 78 | FACE: facial automaton for conveying emotions. <i>Applied Bionics and Biomechanics</i> , 2004, 1, 91-100. | 0.5 | 16 |
| 79 | Brain-derived neurotrophic factor (Val66Met) polymorphism and olfactory ability in young adults. <i>Journal of Biomedical Science</i> , 2013, 20, 57. | 2.6 | 16 |
| 80 | Rapid diagnosis of primary ciliary dyskinesia: cell culture and soft computing analysis. <i>European Respiratory Journal</i> , 2013, 41, 960-965. | 3.1 | 16 |
| 81 | Mannose-binding lectin 2 gene polymorphism and lung damage in primary ciliary dyskinesia. <i>Pediatric Pulmonology</i> , 2015, 50, 179-186. | 1.0 | 16 |
| 82 | IL-33/Vitamin D Crosstalk in Psoriasis-Associated Osteoporosis. <i>Frontiers in Immunology</i> , 2020, 11, 604055. | 2.2 | 15 |
| 83 | Social Humanoid Robots for Children with Autism Spectrum Disorders: A Review of Modalities, Indications, and Pitfalls. <i>Children</i> , 2022, 9, 953. | 0.6 | 15 |
| 84 | New Insights into YES-Associated Protein Signaling Pathways in Hematological Malignancies: Diagnostic and Therapeutic Challenges. <i>Cancers</i> , 2021, 13, 1981. | 1.7 | 14 |
| 85 | Epigenetic Effects of Benzene in Hematologic Neoplasms: The Altered Gene Expression. <i>Cancers</i> , 2021, 13, 2392. | 1.7 | 14 |
| 86 | A systematic review of the association between allergic asthma and autism. <i>Minerva Pediatrics</i> , 2017, 69, 538-550. | 0.2 | 14 |
| 87 | Predicting Outcome of Traumatic Brain Injury: Is Machine Learning the Best Way?. <i>Biomedicines</i> , 2022, 10, 686. | 1.4 | 14 |
| 88 | Photosensitive heterojunctions of silicon coated with sol-gel derived TiO ₂ dispersed in poly(3,4-ethylendi oxythiophene)/poly(styrenesulfonate). <i>Journal of Sol-Gel Science and Technology</i> , 2007, 43, 41-46. | 1.1 | 13 |
| 89 | A Soft Computing-Based B-Line Analysis for Objective Classification of Severity of Pulmonary Edema and Fibrosis. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 495-496. | 2.3 | 13 |
| 90 | The ST2/Interleukin-33 Axis in Hematologic Malignancies: The IL-33 Paradox. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5226. | 1.8 | 13 |

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|-----|---|-----|-----------|
| 91 | Psychometric properties, factor structure and cross-cultural validity of the quantitative CHecklist for autism in toddlers (Q-CHAT) in an Italian community setting. <i>Research in Autism Spectrum Disorders</i> , 2019, 64, 39-48. | 0.8 | 13 |
| 92 | Proof-of-concept trial results of the HeartMan mobile personal health system for self-management in congestive heart failure. <i>Scientific Reports</i> , 2021, 11, 5663. | 1.6 | 13 |
| 93 | Working memory and decision making in children with ADHD: an analysis of delay discounting with the use of the dual-task paradigm. <i>BMC Psychiatry</i> , 2020, 20, 272. | 1.1 | 12 |
| 94 | Use of Machine Learning to Investigate the Quantitative Checklist for Autism in Toddlers (Q-CHAT) towards Early Autism Screening. <i>Diagnostics</i> , 2021, 11, 574. | 1.3 | 12 |
| 95 | Electroactive carbon nanotube actuators: Soft-lithographic fabrication and electro-chemical modelling. <i>Materials Science and Engineering C</i> , 2008, 28, 1057-1064. | 3.8 | 11 |
| 96 | A personal monitoring architecture to detect muscular fatigue in elderly. <i>Neuromuscular Disorders</i> , 2012, 22, S192-S197. | 0.3 | 11 |
| 97 | The soft computing-based approach to investigate allergic diseases: a systematic review. <i>Clinical and Molecular Allergy</i> , 2017, 15, 10. | 0.8 | 11 |
| 98 | IL-33 in Mental Disorders. <i>Medicina (Lithuania)</i> , 2021, 57, 315. | 0.8 | 11 |
| 99 | Body Representation in Patients with Severe Spinal Cord Injury: A Pilot Study on the Promising Role of Powered Exoskeleton for Gait Training. <i>Journal of Personalized Medicine</i> , 2022, 12, 619. | 1.1 | 11 |
| 100 | Immune System and Psychological State of Pregnant Women during COVID-19 Pandemic: Are Micronutrients Able to Support Pregnancy?. <i>Nutrients</i> , 2022, 14, 2534. | 1.7 | 11 |
| 101 | Androids: application of EAP as artificial muscles to entertainment industry. , 2001, 4329, 375. | | 10 |
| 102 | Spatio-temporal parameters of ataxia gait dataset obtained with the Kinect. <i>Data in Brief</i> , 2020, 32, 106307. | 0.5 | 10 |
| 103 | The Effect of Acceptance and Commitment Therapy for Improving Psychological Well-Being in Parents of Individuals with Autism Spectrum Disorders: A Randomized Controlled Trial. <i>Brain Sciences</i> , 2021, 11, 880. | 1.1 | 10 |
| 104 | What about the Consequences of the Use of Distance Learning during the COVID-19 Pandemic? A Survey on the Psychological Effects in Both Children and Parents. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12641. | 1.2 | 10 |
| 105 | A system for automatic detection of momentary stress in naturalistic settings. <i>Studies in Health Technology and Informatics</i> , 2012, 181, 182-6. | 0.2 | 10 |
| 106 | A non invasive, wearable sensor platform for multi-parametric remote monitoring in CHF patients. <i>Health and Technology</i> , 2013, 3, 99-109. | 2.1 | 9 |
| 107 | Role of Alarmins in the Pathogenesis of Systemic Sclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4985. | 1.8 | 9 |
| 108 | HeartMan DSS: A decision support system for self-management of congestive heart failure. <i>Expert Systems With Applications</i> , 2021, 186, 115688. | 4.4 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | The Route of Stress in Parents of Young Children with and without Autism: A Path-Analysis Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10887. | 1.2 | 9 |
| 110 | Role of Epithelium-Derived Cytokines in Atopic Dermatitis and Psoriasis: Evidence and Therapeutic Perspectives. <i>Biomolecules</i> , 2021, 11, 1843. | 1.8 | 9 |
| 111 | How COVID-19 Has Affected Caregiversâ€™ Burden of Patients with Dementia: An Exploratory Study Focusing on Coping Strategies and Quality of Life during the Lockdown. <i>Journal of Clinical Medicine</i> , 2021, 10, 5953. | 1.0 | 9 |
| 112 | Mediating Mindfulness-Based Interventions with Virtual Reality in Non-Clinical Populations: The State-of-the-Art. <i>Healthcare (Switzerland)</i> , 2022, 10, 1220. | 1.0 | 9 |
| 113 | A neural approach for improving the measurement capability of an electronic nose. <i>Measurement Science and Technology</i> , 2003, 14, 815-821. | 1.4 | 8 |
| 114 | A high-performance measurement system for simultaneous mass and resistance variation measurements on gas sensing polymer films. <i>Sensors and Actuators B: Chemical</i> , 2005, 111-112, 193-199. | 4.0 | 8 |
| 115 | Towards a Real-Time Transduction and Classification of Chemoresistive Sensor Array Signals. <i>IEEE Sensors Journal</i> , 2007, 7, 237-244. | 2.4 | 8 |
| 116 | Low-error approximation of artificial neuron sigmoid function and its derivative. <i>Electronics Letters</i> , 2009, 45, 1082. | 0.5 | 8 |
| 117 | An Ontology-Driven Multisensorial Platform to Enable Unobtrusive Human Monitoring and Independent Living. , 2009, , . | | 8 |
| 118 | ECG and GSR measure and analysis using wearable systems: Application in anorexia nervosa adolescents. , 2013, , . | | 8 |
| 119 | Biodegradation ability of two selected microbial autochthonous consortia from a chronically polluted marine coastal area (Priolo Gargallo, Italy). <i>Journal of Applied Microbiology</i> , 2019, 127, 618-629. | 1.4 | 8 |
| 120 | COVID-19 Vaccination and Mental Disorders, What Has Been Accomplished and Future Direction. <i>Brain Sciences</i> , 2022, 12, 292. | 1.1 | 8 |
| 121 | A wearable pervasive platform for the intelligent monitoring of muscular fatigue. , 2010, , . | | 7 |
| 122 | Alexithymia Profile in Relation to Negative Affect in Parents of Autistic and Typically Developing Young Children. <i>Brain Sciences</i> , 2020, 10, 496. | 1.1 | 7 |
| 123 | Reviewing the Significance of Vitamin D Substitution in Monoclonal Gammopathies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4922. | 1.8 | 7 |
| 124 | Comprehensive Analysis of the ILCs and Unconventional T Cells in Virus Infection: Profiling and Dynamics Associated with COVID-19 Disease for a Future Monitoring System and Therapeutic Opportunities. <i>Cells</i> , 2022, 11, 542. | 1.8 | 7 |
| 125 | Psychological Interventions for Children with Autism during the COVID-19 Pandemic through a Remote Behavioral Skills Training Program. <i>Journal of Clinical Medicine</i> , 2022, 11, 1194. | 1.0 | 7 |
| 126 | AllergoOncology: Role of immune cells and immune proteins. <i>Clinical and Translational Allergy</i> , 2022, 12, e12133. | 1.4 | 7 |

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|-----|--|-----|-----------|
| 127 | FACE: Facial Automaton for Conveying Emotions. Applied Bionics and Biomechanics, 2004, 1, 91-100. | 0.5 | 6 |
| 128 | Interreality: The use of advanced technologies in the assessment and treatment of psychological stress. , 2010, , . | | 6 |
| 129 | Real-Time Gender Based Behavior System for Human-Robot Interaction. Lecture Notes in Computer Science, 2014, , 74-83. | 1.0 | 6 |
| 130 | Mental Illness and Amyloid: A Scoping Review of Scientific Evidence over the Last 10 Years (2011 to) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 1.1 | 6 |
| 131 | MicroRNA Cross-Involvement in Acne Vulgaris and Hidradenitis Suppurativa: A Literature Review. International Journal of Molecular Sciences, 2022, 23, 3241. | 1.8 | 6 |
| 132 | Assessment and comparison of neural morphology through metrical feature extraction and analysis in neuron and neuronâ€“glia cultures. Journal of Biological Physics, 2009, 35, 447-464. | 0.7 | 5 |
| 133 | Event Related Biometrics: Towards an Unobtrusive Sensing Seat System for Continuous Human Authentication. , 2009, , . | | 5 |
| 134 | Automated extraction and classification of dynamic metrical features of morphological development in dissociated Purkinje neurons. Journal of Neuroscience Methods, 2010, 185, 315-324. | 1.3 | 5 |
| 135 | Innovative technologies and methodologies based on integration of virtual reality and wearable systems for psychological stress treatment. International Journal of Psychophysiology, 2012, 85, 402. | 0.5 | 5 |
| 136 | A Novel Application for Cognitive Evaluation in Mountain Ultramarathons: Olfactory Assessment. Wilderness and Environmental Medicine, 2016, 27, 131-135. | 0.4 | 5 |
| 137 | A Novel Third Wave Contextual Approach of Positive Behavior Support in School for Adolescent at High Psychosocial Risk: Rationale, Feasibility, and First Pilot Outcomes. Frontiers in Psychology, 2019, 10, 2635. | 1.1 | 5 |
| 138 | Involvement of microRNAs as a Response to Phototherapy and Photodynamic Therapy: A Literature Review. Antioxidants, 2021, 10, 1310. | 2.2 | 5 |
| 139 | A Non Invasive, Wearable Sensor Platform for Multi-parametric Remote Monitoring in CHF Patients. Lecture Notes in Computer Science, 2012, , 140-147. | 1.0 | 5 |
| 140 | Microbiota and microRNAs in lung diseases: mutual influence and role insights. European Review for Medical and Pharmacological Sciences, 2020, 24, 13000-13008. | 0.5 | 5 |
| 141 | Physical Activity and Post-Transcriptional Regulation of Aging Decay: Modulation of Pathways in Postmenopausal Osteoporosis. Medicina (Lithuania), 2022, 58, 767. | 0.8 | 5 |
| 142 | All-organic electrochemical devices based on a tetracyanoquinodimethane complex. Solid-State Electronics, 2007, 51, 639-643. | 0.8 | 4 |
| 143 | Backpropagation-Based Non Linear PCA for Biomedical Applications. , 2009, , . | | 4 |
| 144 | Non-intrusive and calibration free visual exploration analysis in children with Autism Spectrum Disorder. , 2015, , 201-207. | | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Reply to Fluegge: Association Between Atopic Dermatitis and Autism Spectrum Disorders: A Systematic Review. <i>American Journal of Clinical Dermatology</i> , 2016, 17, 189-190. | 3.3 | 4 |
| 146 | Towards the Basic Principles of Osmotic Computing: A Closed-Loop Gamified Cognitive Rehabilitation Flow Model. , 2018, , . | | 4 |
| 147 | Involvement of miR-142 and miR-155 in Non-Infectious Complications of COVID. <i>Molecules</i> , 2020, 25, 4760. | 1.7 | 4 |
| 148 | Development of a sensing seat for human authentication. , 2007, , . | | 4 |
| 149 | Artificial Intelligence for Dysarthria Assessment in Children With Ataxia: A Hierarchical Approach. <i>IEEE Access</i> , 2021, 9, 166720-166735. | 2.6 | 4 |
| 150 | Autism spectrum disorders and atopic dermatitis: a new perspective from country-based prevalence data. <i>Clinical and Molecular Allergy</i> , 2021, 19, 27. | 0.8 | 4 |
| 151 | Gender Influences Virtual Reality-Based Recovery of Cognitive Functions in Patients with Traumatic Brain Injury: A Secondary Analysis of a Randomized Clinical Trial. <i>Brain Sciences</i> , 2022, 12, 491. | 1.1 | 4 |
| 152 | A radially symmetric measurement chamber for electronic noses. <i>Sensors and Actuators B: Chemical</i> , 2005, 105, 295-303. | 4.0 | 3 |
| 153 | Preparation and optical characterization of photosensitive multilayered structures based on polythiophenes and tetracyanoquinodimethane. <i>Microelectronics Journal</i> , 2006, 37, 1384-1388. | 1.1 | 3 |
| 154 | A pervasive activity management and rehabilitation support system for the elderly. , 2010, , . | | 3 |
| 155 | An Ecological Visual Exploration Tool to Support the Analysis of Visual Processing Pathways in Children with Autism Spectrum Disorders. <i>Journal of Imaging</i> , 2018, 4, 9. | 1.7 | 3 |
| 156 | Brief Report: Neuroimaging Endophenotypes of Social Robotic Applications in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 2538-2542. | 1.7 | 3 |
| 157 | Gait and Anthropometric Profile Biometrics: A Step Forward. <i>The International Library of Ethics, Law and Technology</i> , 2012, , 105-127. | 0.2 | 3 |
| 158 | The Impact of Immunological Checkpoint Inhibitors and Targeted Therapy on Chronic Pruritus in Cancer Patients. <i>Biomedicines</i> , 2021, 9, 2. | 1.4 | 3 |
| 159 | A processing architecture for associative short-term memory in electronic noses. <i>Measurement Science and Technology</i> , 2006, 17, 3066-3072. | 1.4 | 2 |
| 160 | Vital Sign Sensing Technology. , 2014, , 55-92. | | 2 |
| 161 | A Smart Multimodal Innovative Model For Marine Environmental Monitoring. , 2015, , . | | 2 |
| 162 | Advanced glycation end-products and advanced oxidation protein products in schizophrenia. <i>Psychiatry Research</i> , 2022, 311, 114527. | 1.7 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Human-like android face equipped with EAP artificial muscles to endow expressivity. , 2001, 4329, 350. | | 1 |
| 164 | <title>Importance of nonverbal expression to the emergence of emotive artificial intelligence systems</title>. , 2002, 4695, 403. | | 1 |
| 165 | Preparation and characterization of conducting chemo-sensitive layers based on alkoxy-substituted polythiophenes. Measurement Science and Technology, 2006, 17, 3265-3271. | 1.4 | 1 |
| 166 | An Artificial Neural Network approach for Haptic Discrimination in Minimally Invasive Surgery. , 2007, , . | | 1 |
| 167 | Special issue on neuron–glia interactions. Journal of Biological Physics, 2009, 35, 311-315. | 0.7 | 1 |
| 168 | Effect of Olfactory Stimulation in Agenesis of the Corpus Callosum: A Case Report. Brain Impairment, 2014, 15, 216-222. | 0.5 | 1 |
| 169 | Towards Osmotic Computing: Future Prospect for the Health Information Technology (HIT) Systems of ISASI-CNR (ME). , 2018, , . | | 1 |
| 170 | mhealth and psycho-physical well-being. , 2018, , . | | 1 |
| 171 | COVID-19 pandemic: different roles for scientific publications and funding face to epidemiological data–an European, country-based perspective. Clinical and Molecular Allergy, 2021, 19, 16. | 0.8 | 1 |
| 172 | Robot-Assisted Cognitive Behavioural Therapy for Young Children with Autism Spectrum Disorders. , 2020, , 1-5. | | 1 |
| 173 | Ubiquitous, Wearable, Mobile. , 0, , 996-1017. | | 1 |
| 174 | A BIOMIMETIC SENSING SKIN: CHARACTERIZATION OF PIEZORESISTIVE FABRIC-BASED ELASTOMERIC SENSORS. , 2008, , . | | 1 |
| 175 | An Event-driven Psychophysiological Assessment for Health Care. , 2012, , . | | 1 |
| 176 | Ubiquitous, Wearable, Mobile. Advances in Educational Technologies and Instructional Design Book Series, 2018, , 286-307. | 0.2 | 1 |
| 177 | Autologous Haematopoietic Stem Cell Transplantation and Systemic Sclerosis: Focus on Interstitial Lung Disease. Cells, 2022, 11, 843. | 1.8 | 1 |
| 178 | SNIFFER: an electronic nose. , 0, , . | | 0 |
| 179 | Development of a CO&#x2011;triggered alveolar air sampler. , 2007, , . | | 0 |
| 180 | Exhaled Breath Temperature: a key feature to discriminate asthmatic children. Pediatric Allergy and Immunology, 2009, 20, 202-203. | 1.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | Is the sensitivity of primary ciliary dyskinesia detection by ciliary function analysis 100%?: Table 2â€™. European Respiratory Journal, 2013, 42, 1161-1161. | 3.1 | 0 |
| 182 | Olfactory testing in staff working in the cardiac catheterization laboratory. European Heart Journal, 2013, 34, P5432-P5432. | 1.0 | 0 |
| 183 | Olfactory Evoked Brainstem Autonomic Responses in Subjects with Normal Sensations of Smell. Autonomic Neuroscience: Basic and Clinical, 2015, 192, 83-84. | 1.4 | 0 |
| 184 | Reply. JACC: Cardiovascular Imaging, 2015, 8, 1470-1471. | 2.3 | 0 |
| 185 | A pocket device for high-throughput optofluidic holographic microscopy. Proceedings of SPIE, 2017, , . | 0.8 | 0 |
| 186 | High-throughput label-free optofluidic imaging and 3D tracking using a pocket holographic microscope slide. Proceedings of SPIE, 2017, , . | 0.8 | 0 |
| 187 | Pocket module for single beam off-axis digital holography microscopy. , 2017, , . | | 0 |
| 188 | Robot-Assisted Cognitive Behavioral Therapy for Young Children with Autism Spectrum Disorders. , 2021, , 4004-4009. | | 0 |
| 189 | A FFT PREPROCESSING ALGORITHM TO IMPROVE THE REPRODUCIBILITY OF GAS SENSORS SIGNALS. , 2000, , . | | 0 |
| 190 | EFFECT OF TEMPERATURE ON THE RECOGNITION PROPERTIES OF A CP-BASED ELECTRONIC NOSE. , 2000, , . | | 0 |
| 191 | An automatic olfactory system for the assessment of the quality of Spanish olive oils. , 2001, , 251-256. | | 0 |
| 192 | Use of the dynamic response of QCM sensors to detect CO in presence of interferents. , 2003, , . | | 0 |
| 193 | DEVELOPMENT OF AN IMPEDENTIOMETRIC ELECTRONIC TONGUE. , 2004, , . | | 0 |
| 194 | DEVELOPMENT OF A SOLID STATE ANALYZER FOR BREATH ANALYSIS. , 2008, , . | | 0 |
| 195 | Affective Robot for Elderly Assistance. Frontiers in Neuroengineering, 0, 2, . | 4.8 | 0 |
| 196 | Autistic Traits and Empathy in Children With Attention Deficit Hyperactivity Disorder, Autism Spectrum Disorder and Co-occurring Attention Deficit Hyperactivity Disorder/Autism Spectrum Disorder. Frontiers in Neuroscience, 2021, 15, 734177. | 1.4 | 0 |