Giovanni Pioggia

List of Publications by Year
in descending order

197 papers	4,387 citations	117625 34 h-index	155660 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. Autism Research, 2016, 9, 165-183.	3.8	312
2	Interactive Technologies for Autistic Children: A Review. Cognitive Computation, 2014, 6, 722-740.	5.2	222
3	A mobile data collection platform for mental health research. Personal and Ubiquitous Computing, 2013, 17, 241-251.	2.8	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. Research in Autism Spectrum Disorders, 2014, 8, 814-826.	1.5	120
5	Experiential Virtual Scenarios With Real-Time Monitoring (Interreality) for the Management of Psychological Stress: A Block Randomized Controlled Trial. Journal of Medical Internet Research, 2014, 16, e167.	4.3	105
6	Inflammatory and Anti-Inflammatory Equilibrium, Proliferative and Antiproliferative Balance: The Role of Cytokines in Multiple Myeloma. Mediators of Inflammation, 2017, 2017, 1-24.	3.0	99
7	Characterisation of humidity dependence of a metal oxide semiconductor sensor array using partial least squares. Sensors and Actuators B: Chemical, 2008, 131, 230-235.	7.8	92
8	An android for enhancing social skills and emotion recognition in people with autism. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2005, 13, 507-515.	4.9	85
9	On the Application of Quantitative EEG for Characterizing Autistic Brain: A Systematic Review. Frontiers in Human Neuroscience, 2013, 7, 442.	2.0	85
10	Oxidative Stress and Atopic Dermatitis. Antioxidants, 2020, 9, 196.	5.1	82
11	An efficient unsupervised fetal QRS complex detection from abdominal maternal ECG. Physiological Measurement, 2014, 35, 1607-1619.	2.1	80
12	Difference in Visual Social Predispositions Between Newborns at Low- and High-risk for Autism. Scientific Reports, 2016, 6, 26395.	3.3	80
13	Coexistence of amplitude and frequency modulations in intracellular calcium dynamics. Physical Review E, 2008, 77, 030903.	2.1	70
14	Personal Health System architecture for stress monitoring and support to clinical decisions. Computer Communications, 2012, 35, 1296-1305.	5.1	68
15	Anticancer Activity of Rosmarinus officinalis L.: Mechanisms of Action and Therapeutic Potentials. Nutrients, 2020, 12, 1739.	4.1	62
16	Outcomes of a Robot-Assisted Social-Emotional Understanding Intervention for Young Children with Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2020, 50, 1973-1987.	2.7	61
17	Olfaction in autism spectrum disorders: A systematic review. Child Neuropsychology, 2017, 23, 1-25.	1.3	60
18	A composite sensor array impedentiometric electronic tonguePart I. Characterization. Biosensors and Bioelectronics, 2007, 22, 2618-2623.	10.1	58

#	Article	IF	Citations
19	Disentangling the initiation from the response in joint attention: an eye-tracking study in toddlers with autism spectrum disorders. Translational Psychiatry, 2016, 6, e808-e808.	4.8	57
20	Implementation of the Early Start Denver Model in an Italian community. Autism, 2018, 22, 126-133.	4.1	57
21	An electronic nose for odour annoyance assessment. Atmospheric Environment, 2001, 35, 1225-1234.	4.1	55
22	MicroRNA Profiling in Asthma: Potential Biomarkers and Therapeutic Targets. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 642-650.	2.9	55
23	Association Between Atopic Dermatitis and Autism Spectrum Disorders: A Systematic Review. American Journal of Clinical Dermatology, 2015, 16, 371-388.	6.7	52
24	Monitoring of autonomic response to sociocognitive tasks during treatment in children with Autism Spectrum Disorders by wearable technologies: A feasibility study. Computers in Biology and Medicine, 2017, 85, 143-152.	7.0	48
25	A composite sensor array impedentiometric electronic tonguePart II. Discrimination of basic tastes. Biosensors and Bioelectronics, 2007, 22, 2624-2628.	10.1	47
26	Vitamin D and Covid-19: an update on evidence and potential therapeutic implications. Clinical and Molecular Allergy, 2020, 18, 23.	1.8	47
27	Cognitive training modifies frequency EEG bands and neuropsychological measures in Rett syndrome. Research in Developmental Disabilities, 2016, 53-54, 73-85.	2.2	46
28	Poly(alkoxy-bithiophenes) sensors for organic vapours. Sensors and Actuators B: Chemical, 2003, 88, 178-189.	7.8	45
29	Interactions between the MicroRNAs and Microbiota in Cancer Development: Roles and Therapeutic Opportunities. Cancers, 2020, 12, 805.	3.7	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. Mediators of Inflammation, 2015, 2015, 1-8.	3.0	42
33	Omalizumab for the Treatment of Chronic Idiopathic Urticaria: Systematic Review of the Literature. Pharmacotherapy, 2017, 37, 464-480.	2.6	39
34	Oxidative Stress and Photodynamic Therapy of Skin Cancers: Mechanisms, Challenges and Promising Developments. Antioxidants, 2020, 9, 448.	5.1	38
35	An Integrated Approach for the Monitoring of Brain and Autonomic Response of Children with Autism Spectrum Disorders during Treatment by Wearable Technologies. Frontiers in Neuroscience, 2016, 10, 276.	2.8	37
36	Implementation of Fowler's method for end-tidal air sampling. Journal of Breath Research, 2008, 2, 037009.	3.0	36

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37	Secondary Immunodeficiency in Hematological Malignancies: Focus on Multiple Myeloma and Chronic Lymphocytic Leukemia. Frontiers in Immunology, 2021, 12, 738915.	4.8	34
38	The Osteoporosis/Microbiota Linkage: The Role of miRNA. International Journal of Molecular Sciences, 2020, 21, 8887.	4.1	33
39	GOLIAH: A Gaming Platform for Home-Based Intervention in Autism â€" Principles and Design. Frontiers in Psychiatry, 2016, 7, 70.	2.6	32
40	Immature myeloid-derived suppressor cells: A bridge between inflammation and cancer. Oncology Reports, 2017, 37, 671-683.	2.6	32
41	Evaluation of pulmonary disease using static lung volumes in primary ciliary dyskinesia. Thorax, 2012, 67, 993-999.	5.6	31
42	Nutraceuticals against Oxidative Stress in Autoimmune Disorders. Antioxidants, 2021, 10, 261.	5.1	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. Sensors and Actuators B: Chemical, 2002, 85, 166-174.	7.8	29
45	The Mitochondrial Dysfunction Hypothesis in Autism Spectrum Disorders: Current Status and Future Perspectives. International Journal of Molecular Sciences, 2020, 21, 5785.	4.1	29
46	NEuronMOrphological analysis tool: open-source software for quantitative morphometrics. Frontiers in Neuroinformatics, 2013, 7, 2.	2.5	28
47	Cancer and SARS-CoV-2 Infection: Diagnostic and Therapeutic Challenges. Cancers, 2020, 12, 1581.	3.7	28
48	Vitamin deficiency as risk factor for SARS-CoV-2 infection: correlation with susceptibility and prognosis. European Review for Medical and Pharmacological Sciences, 2020, 24, 9721-9738.	0.7	28
49	Reduced preference for social rewards in a novel tablet based task in young children with Autism Spectrum Disorders. Scientific Reports, 2017, 7, 3329.	3.3	27
50	Vitamin D Deficiency, Osteoporosis and Effect on Autoimmune Diseases and Hematopoiesis: A Review. International Journal of Molecular Sciences, 2021, 22, 8855.	4.1	27
51	A Sensing Seat for Human Authentication. IEEE Transactions on Information Forensics and Security, 2009, 4, 451-459.	6.9	26
52	A new method for QRS complex detection in multichannel ECG: Application to self-monitoring of fetal health. Computers in Biology and Medicine, 2017, 85, 125-134.	7.0	26
53	Tele-Assisted Behavioral Intervention for Families with Children with Autism Spectrum Disorders: A Randomized Control Trial. Brain Sciences, 2020, 10, 649.	2.3	26
54	Alarmins in Osteoporosis, RAGE, IL-1, and IL-33 Pathways: A Literature Review. Medicina (Lithuania), 2020, 56, 138.	2.0	26

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55	Machine Learning and Deep Learning Applications in Multiple Myeloma Diagnosis, Prognosis, and Treatment Selection. Cancers, 2022, 14, 606.	3.7	26
56	Synergic Crosstalk between Inflammation, Oxidative Stress, and Genomic Alterations in BCRâ€"ABL-Negative Myeloproliferative Neoplasm. Antioxidants, 2020, 9, 1037.	5.1	25
57	Clinico-Biological Implications of Modified Levels of Cytokines in Chronic Lymphocytic Leukemia: A Possible Therapeutic Role. Cancers, 2020, 12, 524.	3.7	25
58	A neuronâ€"astrocyte transistor-like model for neuromorphic dressed neurons. Neural Networks, 2011, 24, 679-685.	5.9	24
59	Study of Mechanisms of Social Interaction Stimulation in Autism Spectrum Disorder by Assisted Humanoid Robot. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 993-1004.	3.8	24
60	The role of wearable sensors and wireless technologies for the assessment of heart rate variability in anorexia nervosa. Eating and Weight Disorders, 2015, 20, 23-31.	2.5	23
61	A Smart Sensor System for Detecting Hydrocarbon Volatile Organic Compounds in Sea Water. Clean - Soil, Air, Water, 2015, 43, 147-152.	1.1	22
62	Mindfulness-Based Interventions for Physical and Psychological Wellbeing in Cardiovascular Diseases: A Systematic Review and Meta-Analysis. Brain Sciences, 2021, 11, 727.	2.3	22
63	Development of SaraHome: A novel, well-accepted, technology-based assessment tool for patients with ataxia. Computer Methods and Programs in Biomedicine, 2020, 188, 105257.	4.7	21
64	Exhaled air temperature in asthmatic children: a mathematical evaluation. Pediatric Allergy and Immunology, 2009, 20, 164-171.	2.6	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. Frontiers in Psychiatry, 2019, 10, 488.	2.6	20
66	Therapies with Antioxidant Potential in Psoriasis, Vitiligo, and Lichen Planus. Antioxidants, 2021, 10, 1087.	5.1	20
67	A radially symmetric measurement chamber for electronic noses. Sensors and Actuators B: Chemical, 2005, 105, 295-303.	7.8	19
68	Characterization of a carbon nanotube polymer composite sensor for an impedimetric electronic tongue. Mikrochimica Acta, 2008, 163, 57-62.	5.0	19
69	Identifying major contributing sources to odour annoyance using a non-specific gas sensor array. Biosystems Engineering, 2009, 102, 305-312.	4.3	19
70	Monitoring Asthma Control in Children With Allergies by Soft Computing of Lung Function and Exhaled Nitric Oxide. Chest, 2011, 139, 319-327.	0.8	19
71	A Personal Health System for Self-Management of Congestive Heart Failure (HeartMan): Development, Technical Evaluation, and Proof-of-Concept Randomized Controlled Trial. JMIR Medical Informatics, 2021, 9, e24501.	2.6	19
72	Assessment of bioinspired models for pattern recognition in biomimetic systems. Bioinspiration and Biomimetics, 2008, 3, 016004.	2.9	18

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73	Neuro-Fuzzy Physiological Computing to Assess Stress Levels in Virtual Reality Therapy. Interacting With Computers, 2015, 27, 521-533.	1.5	18
74	GOLIAH (Gaming Open Library for Intervention in Autism at Home): a 6-month single blind matched controlled exploratory study. Child and Adolescent Psychiatry and Mental Health, 2017, 11, 17.	2.5	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. Research in Autism Spectrum Disorders, 2014, 8, 1685-1698.	1.5	17
77	Validation of low-cost system for gait assessment in children with ataxia. Computer Methods and Programs in Biomedicine, 2020, 196, 105705.	4.7	17
78	FACE: facial automaton for conveying emotions. Applied Bionics and Biomechanics, 2004, 1, 91-100.	1.1	16
79	Brain-derived neurotrophic factor (Val66Met) polymorphism and olfactory ability in young adults. Journal of Biomedical Science, 2013, 20, 57.	7.0	16
80	Rapid diagnosis of primary ciliary dyskinesia: cell culture and soft computing analysis. European Respiratory Journal, 2013, 41, 960-965.	6.7	16
81	Mannose-binding lectin 2 gene polymorphism and lung damage in primary ciliary dyskinesia. Pediatric Pulmonology, 2015, 50, 179-186.	2.0	16
82	IL-33/Vitamin D Crosstalk in Psoriasis-Associated Osteoporosis. Frontiers in Immunology, 2020, 11, 604055.	4.8	15
83	Social Humanoid Robots for Children with Autism Spectrum Disorders: A Review of Modalities, Indications, and Pitfalls. Children, 2022, 9, 953.	1.5	15
84	New Insights into YES-Associated Protein Signaling Pathways in Hematological Malignancies: Diagnostic and Therapeutic Challenges. Cancers, 2021, 13, 1981.	3.7	14
85	Epigenetic Effects of Benzene in Hematologic Neoplasms: The Altered Gene Expression. Cancers, 2021, 13, 2392.	3.7	14
86	A systematic review of the association between allergic asthma and autism. Minerva Pediatrics, 2017, 69, 538-550.	0.4	14
87	Predicting Outcome of Traumatic Brain Injury: Is Machine Learning the Best Way?. Biomedicines, 2022, 10, 686.	3.2	14
88	Photosensitive heterojunctions of silicon coated with sol–gel derived TiO2 dispersed in poly(3,4-ethylendi oxythiophene)/poly(styrenesulfonate). Journal of Sol-Gel Science and Technology, 2007, 43, 41-46.	2.4	13
89	A Soft Computing–Based B-Line Analysis for Objective Classification of Severity of Pulmonary Edema and Fibrosis. JACC: Cardiovascular Imaging, 2015, 8, 495-496.	5.3	13
90	The ST2/Interleukin-33 Axis in Hematologic Malignancies: The IL-33 Paradox. International Journal of Molecular Sciences, 2019, 20, 5226.	4.1	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. Research in Autism Spectrum Disorders, 2019, 64, 39-48.	1.5	13
92	Proof-of-concept trial results of the HeartMan mobile personal health system for self-management in congestive heart failure. Scientific Reports, 2021, 11, 5663.	3.3	13
93	Working memory and decision making in children with ADHD: an analysis of delay discounting with the use of the dual-task paradigm. BMC Psychiatry, 2020, 20, 272.	2.6	12
94	Use of Machine Learning to Investigate the Quantitative Checklist for Autism in Toddlers (Q-CHAT) towards Early Autism Screening. Diagnostics, 2021, 11, 574.	2.6	12
95	Electroactive carbon nanotube actuators: Soft-lithographic fabrication and electro-chemical modelling. Materials Science and Engineering C, 2008, 28, 1057-1064.	7.3	11
96	A personal monitoring architecture to detect muscular fatigue in elderly. Neuromuscular Disorders, 2012, 22, S192-S197.	0.6	11
97	The soft computing-based approach to investigate allergic diseases: a systematic review. Clinical and Molecular Allergy, 2017, 15, 10.	1.8	11
98	IL-33 in Mental Disorders. Medicina (Lithuania), 2021, 57, 315.	2.0	11
99	Body Representation in Patients with Severe Spinal Cord Injury: A Pilot Study on the Promising Role of Powered Exoskeleton for Gait Training. Journal of Personalized Medicine, 2022, 12, 619.	2.5	11
100	Immune System and Psychological State of Pregnant Women during COVID-19 Pandemic: Are Micronutrients Able to Support Pregnancy?. Nutrients, 2022, 14, 2534.	4.1	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. Data in Brief, 2020, 32, 106307.	1.0	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. Brain Sciences, 2021, 11, 880.	2.3	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. International Journal of Environmental Research and Public Health, 2021, 18, 12641.	2.6	10
105	A system for automatic detection of momentary stress in naturalistic settings. Studies in Health Technology and Informatics, 2012, 181, 182-6.	0.3	10
106	A non invasive, wearable sensor platform for multi-parametric remote monitoring in CHF patients. Health and Technology, 2013, 3, 99-109.	3.6	9
107	Role of Alarmins in the Pathogenesis of Systemic Sclerosis. International Journal of Molecular Sciences, 2020, 21, 4985.	4.1	9
108	HeartMan DSS: A decision support system for self-management of congestive heart failure. Expert Systems With Applications, 2021, 186, 115688.	7.6	9

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109	The Route of Stress in Parents of Young Children with and without Autism: A Path-Analysis Study. International Journal of Environmental Research and Public Health, 2021, 18, 10887.	2.6	9
110	Role of Epithelium-Derived Cytokines in Atopic Dermatitis and Psoriasis: Evidence and Therapeutic Perspectives. Biomolecules, 2021, 11, 1843.	4.0	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. Journal of Clinical Medicine, 2021, 10, 5953.	2.4	9
112	Mediating Mindfulness-Based Interventions with Virtual Reality in Non-Clinical Populations: The State-of-the-Art. Healthcare (Switzerland), 2022, 10, 1220.	2.0	9
113	A neural approach for improving the measurement capability of an electronic nose. Measurement Science and Technology, 2003, 14, 815-821.	2.6	8
114	A high-performance measurement system for simultaneous mass and resistance variation measurements on gas sensing polymer films. Sensors and Actuators B: Chemical, 2005, 111-112, 193-199.	7.8	8
115	Towards a Real-Time Transduction and Classification of Chemoresistive Sensor Array Signals. IEEE Sensors Journal, 2007, 7, 237-244.	4.7	8
116	Low-error approximation of artificial neuron sigmoid function and its derivative. Electronics Letters, 2009, 45, 1082.	1.0	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). Journal of Applied Microbiology, 2019, 127, 618-629.	3.1	8
120	COVID-19 Vaccination and Mental Disorders, What Has Been Accomplished and Future Direction. Brain Sciences, 2022, 12, 292.	2.3	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. Brain Sciences, 2020, 10, 496.	2.3	7
123	Reviewing the Significance of Vitamin D Substitution in Monoclonal Gammopathies. International Journal of Molecular Sciences, 2021, 22, 4922.	4.1	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. Cells, 2022, 11, 542.	4.1	7
125	Psychological Interventions for Children with Autism during the COVID-19 Pandemic through a Remote Behavioral Skills Training Program. Journal of Clinical Medicine, 2022, 11, 1194.	2.4	7
126	AllergoOncology: Role of immune cells and immune proteins. Clinical and Translational Allergy, 2022, 12, e12133.	3.2	7

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127	FACE: Facial Automaton for Conveying Emotions. Applied Bionics and Biomechanics, 2004, 1, 91-100.	1.1	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.	1.3	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 5	2.3	6
131	MicroRNA Cross-Involvement in Acne Vulgaris and Hidradenitis Suppurativa: A Literature Review. International Journal of Molecular Sciences, 2022, 23, 3241.	4.1	6
132	Assessment and comparison of neural morphology through metrical feature extraction and analysis in neuron and neuron–glia cultures. Journal of Biological Physics, 2009, 35, 447-464.	1.5	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.	2.5	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.	1.0	5
136	A Novel Application for Cognitive Evaluation in Mountain Ultramarathons: Olfactory Assessment. Wilderness and Environmental Medicine, 2016, 27, 131-135.	0.9	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.	2.1	5
138	Involvement of microRNAs as a Response to Phototherapy and Photodynamic Therapy: A Literature Review. Antioxidants, 2021, 10, 1310.	5.1	5
139	A Non Invasive, Wearable Sensor Platform for Multi-parametric Remote Monitoring in CHF Patients. Lecture Notes in Computer Science, 2012, , 140-147.	1.3	5
140	Microbiota and microRNAs in lung diseases: mutual influence and role insights. European Review for Medical and Pharmacological Sciences, 2020, 24, 13000-13008.	0.7	5
141	Physical Activity and Post-Transcriptional Regulation of Aging Decay: Modulation of Pathways in Postmenopausal Osteoporosis. Medicina (Lithuania), 2022, 58, 767.	2.0	5
142	All-organic electrochemical devices based on a tetracyanoquinodimethane complex. Solid-State Electronics, 2007, 51, 639-643.	1.4	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

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145	Reply to Fluegge: Association Between Atopic Dermatitis and Autism Spectrum Disorders: A Systematic Review. American Journal of Clinical Dermatology, 2016, 17, 189-190.	6.7	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 CVID. Molecules, 2020, 25, 4760.	3.8	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. IEEE Access, 2021, 9, 166720-166735.	4.2	4
150	Autism spectrum disorders and atopic dermatitis: a new perspective from country-based prevalence data. Clinical and Molecular Allergy, 2021, 19, 27.	1.8	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. Brain Sciences, 2022, 12, 491.	2.3	4
152	A radially symmetric measurement chamber for electronic noses. Sensors and Actuators B: Chemical, 2005, 105, 295-303.	7.8	3
153	Preparation and optical characterization of photosensitive multilayered structures based on polythiophenes and tetracyanoquinodimethane. Microelectronics Journal, 2006, 37, 1384-1388.	2.0	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. Journal of Imaging, 2018, 4, 9.	3.0	3
156	Brief Report: Neuroimaging Endophenotypes of Social Robotic Applications in Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2021, 51, 2538-2542.	2.7	3
157	Gait and Anthropometric Profile Biometrics: A Step Forward. The International Library of Ethics, Law and Technology, 2012, , 105-127.	0.4	3
158	The Impact of Immunological Checkpoint Inhibitors and Targeted Therapy on Chronic Pruritus in Cancer Patients. Biomedicines, 2021, 9, 2.	3.2	3
159	A processing architecture for associative short-term memory in electronic noses. Measurement Science and Technology, 2006, 17, 3066-3072.	2.6	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. Psychiatry Research, 2022, 311, 114527.	3.3	2

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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.	2.6	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.	1.5	1
168	"Rapid diagnosis of primary ciliary dyskinesia: cell culture and soft computing analysis."Massimo Pifferi, Andrew Bush, Francesca Montemurro, Giovanni Pioggia, Martina Piras, Gennaro Tartarisco, Maria Di Cicco, Iolanda Chinellato, Angela M. Cangiotti and Attilio L. Boner.<i>Eur Respir J</i>2013; 41: 960–965.. European Respiratory Journal, 2013, 42, 1162.1-1162.	6.7	1
169	Effect of Olfactory Stimulation in Agenesis of the Corpus Callosum: A Case Report. Brain Impairment, 2014, 15, 216-222.	0.7	1
170	Towards Osmotic Computing: Future Prospect for the Health Information Technology (HIT) Systems of ISASI-CNR (ME). , 2018, , .		1
171	mhealth and psycho-physical well-being. , 2018, , .		1
172	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.	1.8	1
173	Robot-Assisted Cognitive Behavioural Therapy for Young Children with Autism Spectrum Disorders. , 2020, , 1-5.		1
174	Ubiquitous, Wearable, Mobile. , 0, , 996-1017.		1
175	A BIOMIMETIC SENSING SKIN: CHARACTERIZATION OF PIEZORESISTIVE FABRIC-BASED ELASTOMERIC SENSORS. , 2008, , .		1
176	An Event-driven Psychophysiological Assessment for Health Care. , 2012, , .		1
177	Ubiquitous, Wearable, Mobile. Advances in Educational Technologies and Instructional Design Book Series, 2018, , 286-307.	0.2	1
178	Autologous Haematopoietic Stem Cell Transplantation and Systemic Sclerosis: Focus on Interstitial Lung Disease. Cells, 2022, 11, 843.	4.1	1
179	SNIFFER: an electronic nose. , 0, , .		0
180	Development of a CO<inf>2</inf> triggered alveolar air sampler. , 2007, , .		0

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181	Exhaled Breath Temperature: a key feature to discriminate asthmatic children. Pediatric Allergy and Immunology, 2009, 20, 202-203.	2.6	0
182	Is the sensitivity of primary ciliary dyskinesia detection by ciliary function analysis 100%?: Table 2â€". European Respiratory Journal, 2013, 42, 1161-1161.	6.7	0
183	Olfactory testing in staff working in the cardiac catheterization laboratory. European Heart Journal, 2013, 34, P5432-P5432.	2.2	0
184	Olfactory Evoked Brainstem Autonomic Responses in Subjects with Normal Sensations of Smell. Autonomic Neuroscience: Basic and Clinical, 2015, 192, 83-84.	2.8	0
185	Reply. JACC: Cardiovascular Imaging, 2015, 8, 1470-1471.	5.3	0
186	A pocket device for high-throughput optofluidic holographic microscopy. Proceedings of SPIE, 2017, , .	0.8	0
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