

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	Machine Learning and Deep Learning Applications in Multiple Myeloma Diagnosis, Prognosis, and Treatment Selection. <i>Cancers</i> , 2022, 14, 606.	1.7	26
2	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
3	COVID-19 Vaccination and Mental Disorders, What Has Been Accomplished and Future Direction. <i>Brain Sciences</i> , 2022, 12, 292.	1.1	8
4	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
5	MicroRNA Cross-Involvement in Acne Vulgaris and Hidradenitis Suppurativa: A Literature Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3241.	1.8	6
6	Autologous Haematopoietic Stem Cell Transplantation and Systemic Sclerosis: Focus on Interstitial Lung Disease. <i>Cells</i> , 2022, 11, 843.	1.8	1
7	Predicting Outcome of Traumatic Brain Injury: Is Machine Learning the Best Way?. <i>Biomedicines</i> , 2022, 10, 686.	1.4	14
8	AllergoOncology: Role of immune cells and immune proteins. <i>Clinical and Translational Allergy</i> , 2022, 12, e12133.	1.4	7
9	Advanced glycation end-products and advanced oxidation protein products in schizophrenia. <i>Psychiatry Research</i> , 2022, 311, 114527.	1.7	2
10	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
11	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
12	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
13	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
14	Physical Activity and Post-Transcriptional Regulation of Aging Decay: Modulation of Pathways in Postmenopausal Osteoporosis. <i>Medicina (Lithuania)</i> , 2022, 58, 767.	0.8	5
15	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
16	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
17	Robot-Assisted Cognitive Behavioral Therapy for Young Children with Autism Spectrum Disorders. , 2021, , 4004-4009.		0
18	Nutraceuticals against Oxidative Stress in Autoimmune Disorders. <i>Antioxidants</i> , 2021, 10, 261.	2.2	31

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19	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
20	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
21	IL-33 in Mental Disorders. <i>Medicina (Lithuania)</i> , 2021, 57, 315.	0.8	11
22	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
23	New Insights into YES-Associated Protein Signaling Pathways in Hematological Malignancies: Diagnostic and Therapeutic Challenges. <i>Cancers</i> , 2021, 13, 1981.	1.7	14
24	Reviewing the Significance of Vitamin D Substitution in Monoclonal Gammopathies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4922.	1.8	7
25	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
26	Epigenetic Effects of Benzene in Hematologic Neoplasms: The Altered Gene Expression. <i>Cancers</i> , 2021, 13, 2392.	1.7	14
27	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
28	Therapies with Antioxidant Potential in Psoriasis, Vitiligo, and Lichen Planus. <i>Antioxidants</i> , 2021, 10, 1087.	2.2	20
29	Involvement of microRNAs as a Response to Phototherapy and Photodynamic Therapy: A Literature Review. <i>Antioxidants</i> , 2021, 10, 1310.	2.2	5
30	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
31	COVID-19 pandemic: different roles for scientific publications and funding face to epidemiological data—an European, country-based perspective. <i>Clinical and Molecular Allergy</i> , 2021, 19, 16.	0.8	1
32	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
33	The Impact of Immunological Checkpoint Inhibitors and Targeted Therapy on Chronic Pruritus in Cancer Patients. <i>Biomedicines</i> , 2021, 9, 2.	1.4	3
34	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
35	Secondary Immunodeficiency in Hematological Malignancies: Focus on Multiple Myeloma and Chronic Lymphocytic Leukemia. <i>Frontiers in Immunology</i> , 2021, 12, 738915.	2.2	34
36	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

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37	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
38	Autistic Traits and Empathy in Children With Attention Deficit Hyperactivity Disorder, Autism Spectrum Disorder and Co-occurring Attention Deficit Hyperactivity Disorder/Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2021, 15, 734177.	1.4	0
39	Artificial Intelligence for Dysarthria Assessment in Children With Ataxia: A Hierarchical Approach. <i>IEEE Access</i> , 2021, 9, 166720-166735.	2.6	4
40	Role of Epithelium-Derived Cytokines in Atopic Dermatitis and Psoriasis: Evidence and Therapeutic Perspectives. <i>Biomolecules</i> , 2021, 11, 1843.	1.8	9
41	How COVID-19 Has Affected Caregivers's 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
42	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
43	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
44	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
45	Involvement of miR-142 and miR-155 in Non-Infectious Complications of COVID. <i>Molecules</i> , 2020, 25, 4760.	1.7	4
46	Spatio-temporal parameters of ataxia gait dataset obtained with the Kinect. <i>Data in Brief</i> , 2020, 32, 106307.	0.5	10
47	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
48	Role of Alarmins in the Pathogenesis of Systemic Sclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4985.	1.8	9
49	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
50	The Osteoporosis/Microbiota Linkage: The Role of miRNA. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8887.	1.8	33
51	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
52	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
53	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
54	Synergic Crosstalk between Inflammation, Oxidative Stress, and Genomic Alterations in BCR-ABL-Negative Myeloproliferative Neoplasm. <i>Antioxidants</i> , 2020, 9, 1037.	2.2	25

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55	Anticancer Activity of Rosmarinus officinalis L.: Mechanisms of Action and Therapeutic Potentials. <i>Nutrients</i> , 2020, 12, 1739.	1.7	62
56	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
57	Cancer and SARS-CoV-2 Infection: Diagnostic and Therapeutic Challenges. <i>Cancers</i> , 2020, 12, 1581.	1.7	28
58	Alarmins in Osteoporosis, RAGE, IL-1, and IL-33 Pathways: A Literature Review. <i>Medicina (Lithuania)</i> , 2020, 56, 138.	0.8	26
59	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
60	Oxidative Stress and Atopic Dermatitis. <i>Antioxidants</i> , 2020, 9, 196.	2.2	82
61	Interactions between the MicroRNAs and Microbiota in Cancer Development: Roles and Therapeutic Opportunities. <i>Cancers</i> , 2020, 12, 805.	1.7	43
62	IL-33/Vitamin D Crosstalk in Psoriasis-Associated Osteoporosis. <i>Frontiers in Immunology</i> , 2020, 11, 604055.	2.2	15
63	Robot-Assisted Cognitive Behavioural Therapy for Young Children with Autism Spectrum Disorders. , 2020, , 1-5.		1
64	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
65	Microbiota and microRNAs in lung diseases: mutual influence and role insights. <i>European Review for Medical and Pharmacological Sciences</i> , 2020, 24, 13000-13008.	0.5	5
66	Oxidative Stress and Photodynamic Therapy of Skin Cancers: Mechanisms, Challenges and Promising Developments. <i>Antioxidants</i> , 2020, 9, 448.	2.2	38
67	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
68	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
69	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
70	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
71	A Novel Third Wave Contextual Approach of Positive Behavior Support in School for Adolescent at High Psychosocial Risk: Rationale, Feasibility, and First Pilot Outcomes. <i>Frontiers in Psychology</i> , 2019, 10, 2635.	1.1	5
72	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

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73	Implementation of the Early Start Denver Model in an Italian community. <i>Autism</i> , 2018, 22, 126-133.	2.4	57
74	Towards the Basic Principles of Osmotic Computing: A Closed-Loop Gamified Cognitive Rehabilitation Flow Model. , 2018, , .		4
75	Towards Osmotic Computing: Future Prospect for the Health Information Technology (HIT) Systems of ISASI-CNR (ME). , 2018, , .		1
76	mhealth and psycho-physical well-being. , 2018, , .		1
77	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
78	Ubiquitous, Wearable, Mobile. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2018, , 286-307.	0.2	1
79	Olfaction in autism spectrum disorders: A systematic review. <i>Child Neuropsychology</i> , 2017, 23, 1-25.	0.8	60
80	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
81	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
82	Omalizumab for the Treatment of Chronic Idiopathic Urticaria: Systematic Review of the Literature. <i>Pharmacotherapy</i> , 2017, 37, 464-480.	1.2	39
83	Immature myeloid-derived suppressor cells: A bridge between inflammation and cancer. <i>Oncology Reports</i> , 2017, 37, 671-683.	1.2	32
84	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
85	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
86	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
87	A pocket device for high-throughput optofluidic holographic microscopy. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
88	High-throughput label-free optofluidic imaging and 3D tracking using a pocket holographic microscope slide. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
89	The soft computing-based approach to investigate allergic diseases: a systematic review. <i>Clinical and Molecular Allergy</i> , 2017, 15, 10.	0.8	11
90	Pocket module for single beam off-axis digital holography microscopy. , 2017, , .		0

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91	A Computer Vision Based Approach for Understanding Emotional Involvements in Children with Autism Spectrum Disorders. , 2017, , .		18
92	Inflammatory and Anti-Inflammatory Equilibrium, Proliferative and Antiproliferative Balance: The Role of Cytokines in Multiple Myeloma. Mediators of Inflammation, 2017, 2017, 1-24.	1.4	99
93	A systematic review of the association between allergic asthma and autism. Minerva Pediatrics, 2017, 69, 538-550.	0.2	14
94	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.	1.4	37
95	GOLIAH: A Gaming Platform for Home-Based Intervention in Autism “ Principles and Design. Frontiers in Psychiatry, 2016, 7, 70.	1.3	32
96	Autism and social robotics: A systematic review. Autism Research, 2016, 9, 165-183.	2.1	312
97	Difference in Visual Social Predispositions Between Newborns at Low- and High-risk for Autism. Scientific Reports, 2016, 6, 26395.	1.6	80
98	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.	2.4	57
99	Reply to Fluegge: Association Between Atopic Dermatitis and Autism Spectrum Disorders: A Systematic Review. American Journal of Clinical Dermatology, 2016, 17, 189-190.	3.3	4
100	A Novel Application for Cognitive Evaluation in Mountain Ultramarathons: Olfactory Assessment. Wilderness and Environmental Medicine, 2016, 27, 131-135.	0.4	5
101	Cognitive training modifies frequency EEG bands and neuropsychological measures in Rett syndrome. Research in Developmental Disabilities, 2016, 53-54, 73-85.	1.2	46
102	Non-intrusive and calibration free visual exploration analysis in children with Autism Spectrum Disorder. , 2015, , 201-207.		4
103	Olfactory Evoked Brainstem Autonomic Responses in Subjects with Normal Sensations of Smell. Autonomic Neuroscience: Basic and Clinical, 2015, 192, 83-84.	1.4	0
104	Association between HMGB1 and COPD: A Systematic Review. Mediators of Inflammation, 2015, 2015, 1-8.	1.4	42
105	Automatic Emotion Recognition in Robot-Children Interaction for ASD Treatment. , 2015, , .		30
106	Reply. JACC: Cardiovascular Imaging, 2015, 8, 1470-1471.	2.3	0
107	A Soft Computing“Based B-Line Analysis for“Objective Classification of Severity of“Pulmonary Edema and Fibrosis. JACC: Cardiovascular Imaging, 2015, 8, 495-496.	2.3	13
108	Neuro-Fuzzy Physiological Computing to Assess Stress Levels in Virtual Reality Therapy. Interacting With Computers, 2015, 27, 521-533.	1.0	18

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109	Association Between Atopic Dermatitis and Autism Spectrum Disorders: A Systematic Review. American Journal of Clinical Dermatology, 2015, 16, 371-388.	3.3	52
110	Mannose-binding lectin 2 gene polymorphism and lung damage in primary ciliary dyskinesia. Pediatric Pulmonology, 2015, 50, 179-186.	1.0	16
111	A Smart Sensor System for Detecting Hydrocarbon Volatile Organic Compounds in Sea Water. Clean - Soil, Air, Water, 2015, 43, 147-152.	0.7	22
112	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.	1.2	23
113	A Smart Multimodal Innovative Model For Marine Environmental Monitoring. , 2015, , .		2
114	Vital Sign Sensing Technology. , 2014, , 55-92.		2
115	An efficient unsupervised fetal QRS complex detection from abdominal maternal ECG. Physiological Measurement, 2014, 35, 1607-1619.	1.2	80
116	Effect of Olfactory Stimulation in Agenesis of the Corpus Callosum: A Case Report. Brain Impairment, 2014, 15, 216-222.	0.5	1
117	Autism and lack of D3 vitamin: A systematic review. Research in Autism Spectrum Disorders, 2014, 8, 1685-1698.	0.8	17
118	Interactive Technologies for Autistic Children: A Review. Cognitive Computation, 2014, 6, 722-740.	3.6	222
119	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.	0.8	120
120	Real-Time Gender Based Behavior System for Human-Robot Interaction. Lecture Notes in Computer Science, 2014, , 74-83.	1.0	6
121	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.	2.1	105
122	A non invasive, wearable sensor platform for multi-parametric remote monitoring in CHF patients. Health and Technology, 2013, 3, 99-109.	2.1	9
123	Brain-derived neurotrophic factor (Val66Met) polymorphism and olfactory ability in young adults. Journal of Biomedical Science, 2013, 20, 57.	2.6	16
124	A mobile data collection platform for mental health research. Personal and Ubiquitous Computing, 2013, 17, 241-251.	1.9	120
125	Rapid diagnosis of primary ciliary dyskinesia: cell culture and soft computing analysis. European Respiratory Journal, 2013, 41, 960-965.	3.1	16
126	ECG and GSR measure and analysis using wearable systems: Application in anorexia nervosa adolescents. , 2013, , .		8

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127	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
128	Olfactory testing in staff working in the cardiac catheterization laboratory. European Heart Journal, 2013, 34, P5432-P5432.	1.0	0
129	On the Application of Quantitative EEG for Characterizing Autistic Brain: A Systematic Review. Frontiers in Human Neuroscience, 2013, 7, 442.	1.0	85
130	NEuronMORphological analysis tool: open-source software for quantitative morphometrics. Frontiers in Neuroinformatics, 2013, 7, 2.	1.3	28
131	Evaluation of pulmonary disease using static lung volumes in primary ciliary dyskinesia. Thorax, 2012, 67, 993-999.	2.7	31
132	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
133	A personal monitoring architecture to detect muscular fatigue in elderly. Neuromuscular Disorders, 2012, 22, S192-S197.	0.3	11
134	Personal Health System architecture for stress monitoring and support to clinical decisions. Computer Communications, 2012, 35, 1296-1305.	3.1	68
135	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
136	Gait and Anthropometric Profile Biometrics: A Step Forward. The International Library of Ethics, Law and Technology, 2012, , 105-127.	0.2	3
137	An Event-driven Psychophysiological Assessment for Health Care. , 2012, , .		1
138	A system for automatic detection of momentary stress in naturalistic settings. Studies in Health Technology and Informatics, 2012, 181, 182-6.	0.2	10
139	Monitoring Asthma Control in Children With Allergies by Soft Computing of Lung Function and Exhaled Nitric Oxide. Chest, 2011, 139, 319-327.	0.4	19
140	A neuronâ€™astrocyte transistor-like model for neuromorphic dressed neurons. Neural Networks, 2011, 24, 679-685.	3.3	24
141	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
142	A wearable pervasive platform for the intelligent monitoring of muscular fatigue. , 2010, , .		7
143	The FACE of autism. , 2010, , .		42
144	Interreality: The use of advanced technologies in the assessment and treatment of psychological stress. , 2010, , .		6

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145	A pervasive activity management and rehabilitation support system for the elderly. , 2010, , .		3
146	Low-error approximation of artificial neuron sigmoid function and its derivative. Electronics Letters, 2009, 45, 1082.	0.5	8
147	A Sensing Seat for Human Authentication. IEEE Transactions on Information Forensics and Security, 2009, 4, 451-459.	4.5	26
148	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
149	Special issue on neuronâ€“glia interactions. Journal of Biological Physics, 2009, 35, 311-315.	0.7	1
150	Exhaled air temperature in asthmatic children: a mathematical evaluation. Pediatric Allergy and Immunology, 2009, 20, 164-171.	1.1	20
151	Exhaled Breath Temperature: a key feature to discriminate asthmatic children. Pediatric Allergy and Immunology, 2009, 20, 202-203.	1.1	0
152	Identifying major contributing sources to odour annoyance using a non-specific gas sensor array. Biosystems Engineering, 2009, 102, 305-312.	1.9	19
153	Event Related Biometrics: Towards an Unobtrusive Sensing Seat System for Continuous Human Authentication. , 2009, , .		5
154	Backpropagation-Based Non Linear PCA for Biomedical Applications. , 2009, , .		4
155	An Ontology-Driven Multisensorial Platform to Enable Unobtrusive Human Monitoring and Independent Living. , 2009, , .		8
156	Characterization of a carbon nanotube polymer composite sensor for an impedimetric electronic tongue. Mikrochimica Acta, 2008, 163, 57-62.	2.5	19
157	Electroactive carbon nanotube actuators: Soft-lithographic fabrication and electro-chemical modelling. Materials Science and Engineering C, 2008, 28, 1057-1064.	3.8	11
158	Characterisation of humidity dependence of a metal oxide semiconductor sensor array using partial least squares. Sensors and Actuators B: Chemical, 2008, 131, 230-235.	4.0	92
159	Implementation of Fowler's method for end-tidal air sampling. Journal of Breath Research, 2008, 2, 037009.	1.5	36
160	Assessment of bioinspired models for pattern recognition in biomimetic systems. Bioinspiration and Biomimetics, 2008, 3, 016004.	1.5	18
161	Coexistence of amplitude and frequency modulations in intracellular calcium dynamics. Physical Review E, 2008, 77, 030903.	0.8	70
162	A BIOMIMETIC SENSING SKIN: CHARACTERIZATION OF PIEZORESISTIVE FABRIC-BASED ELASTOMERIC SENSORS. , 2008, , .		1

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163	DEVELOPMENT OF A SOLID STATE ANALYZER FOR BREATH ANALYSIS. , 2008, , .		0
164	Development of a CO<inf>2</inf> triggered alveolar air sampler. , 2007, , .		0
165	Towards a Real-Time Transduction and Classification of Chemoresistive Sensor Array Signals. IEEE Sensors Journal, 2007, 7, 237-244.	2.4	8
166	An Artificial Neural Network approach for Haptic Discrimination in Minimally Invasive Surgery. , 2007, , .		1
167	Human-Robot Interaction in Autism: FACE, an Android-based Social Therapy. , 2007, , .		42
168	All-organic electrochemical devices based on a tetracyanoquinodimethane complex. Solid-State Electronics, 2007, 51, 639-643.	0.8	4
169	A composite sensor array impedentiometric electronic tonguePart II. Discrimination of basic tastes. Biosensors and Bioelectronics, 2007, 22, 2624-2628.	5.3	47
170	Photosensitive heterojunctions of silicon coated with solâ€“gel derived TiO2 dispersed in poly(3,4-ethylendi oxythiophene)/poly(styrenesulfonate). Journal of Sol-Gel Science and Technology, 2007, 43, 41-46.	1.1	13
171	A composite sensor array impedentiometric electronic tonguePart I. Characterization. Biosensors and Bioelectronics, 2007, 22, 2618-2623.	5.3	58
172	Development of a sensing seat for human authentication. , 2007, , .		4
173	Preparation and optical characterization of photosensitive multilayered structures based on polythiophenes and tetracyanoquinodimethane. Microelectronics Journal, 2006, 37, 1384-1388.	1.1	3
174	A processing architecture for associative short-term memory in electronic noses. Measurement Science and Technology, 2006, 17, 3066-3072.	1.4	2
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