Gennaro Tartarisco

List of Publications by Year
in descending order

68 papers	1,532 citations	471061 17 h-index	344852 36 g-index
73 all docs	73 docs citations	73 times ranked	2192 citing authors

#	Article	IF	Citations
1	Autism and social robotics: A systematic review. Autism Research, 2016, 9, 165-183.	2.1	312
2	A mobile data collection platform for mental health research. Personal and Ubiquitous Computing, 2013, 17, 241-251.	1.9	120
3	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
4	An efficient unsupervised fetal QRS complex detection from abdominal maternal ECG. Physiological Measurement, 2014, 35, 1607-1619.	1.2	80
5	Personal Health System architecture for stress monitoring and support to clinical decisions. Computer Communications, 2012, 35, 1296-1305.	3.1	68
6	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.	1.7	61
7	Olfaction in autism spectrum disorders: A systematic review. Child Neuropsychology, 2017, 23, 1-25.	0.8	60
8	Association Between Atopic Dermatitis and Autism Spectrum Disorders: A Systematic Review. American Journal of Clinical Dermatology, 2015, 16, 371-388.	3.3	52
9	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
10	Evaluation of pulmonary disease using static lung volumes in primary ciliary dyskinesia. Thorax, 2012, 67, 993-999.	2.7	31
11	Reduced preference for social rewards in a novel tablet based task in young children with Autism Spectrum Disorders. Scientific Reports, 2017, 7, 3329.	1.6	27
12	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.	3.9	26
13	Tele-Assisted Behavioral Intervention for Families with Children with Autism Spectrum Disorders: A Randomized Control Trial. Brain Sciences, 2020, 10, 649.	1.1	26
14	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
15	A Smart Sensor System for Detecting Hydrocarbon Volatile Organic Compounds in Sea Water. Clean - Soil, Air, Water, 2015, 43, 147-152.	0.7	22
16	Mindfulness-Based Interventions for Physical and Psychological Wellbeing in Cardiovascular Diseases: A Systematic Review and Meta-Analysis. Brain Sciences, 2021, 11, 727.	1.1	22
17	Polyurethane unimorph bender microfabricated with Pressure Assisted Microsyringe (PAM) for biomedical applications. Materials Science and Engineering C, 2009, 29, 1835-1841.	3.8	20
18	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.	1.3	20

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19	A Personal Decision Support System for Heart Failure Management (HeartMan): study protocol of the HeartMan randomized controlled trial. BMC Cardiovascular Disorders, 2018, 18, 186.	0.7	19
20	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.	1.3	19
21	Neuro-Fuzzy Physiological Computing to Assess Stress Levels in Virtual Reality Therapy. Interacting With Computers, 2015, 27, 521-533.	1.0	18
22	Autism and lack of D3 vitamin: A systematic review. Research in Autism Spectrum Disorders, 2014, 8, 1685-1698.	0.8	17
23	Validation of low-cost system for gait assessment in children with ataxia. Computer Methods and Programs in Biomedicine, 2020, 196, 105705.	2.6	17
24	Rapid diagnosis of primary ciliary dyskinesia: cell culture and soft computing analysis. European Respiratory Journal, 2013, 41, 960-965.	3.1	16
25	Mannose-binding lectin 2 gene polymorphism and lung damage in primary ciliary dyskinesia. Pediatric Pulmonology, 2015, 50, 179-186.	1.0	16
26	Social Humanoid Robots for Children with Autism Spectrum Disorders: A Review of Modalities, Indications, and Pitfalls. Children, 2022, 9, 953.	0.6	15
27	A systematic review of the association between allergic asthma and autism. Minerva Pediatrics, 2017, 69, 538-550.	0.2	14
28	Predicting Outcome of Traumatic Brain Injury: Is Machine Learning the Best Way?. Biomedicines, 2022, 10, 686.	1.4	14
29	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
30	The ST2/Interleukin-33 Axis in Hematologic Malignancies: The IL-33 Paradox. International Journal of Molecular Sciences, 2019, 20, 5226.	1.8	13
31	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.	0.8	13
32	Proof-of-concept trial results of the HeartMan mobile personal health system for self-management in congestive heart failure. Scientific Reports, 2021, 11, 5663.	1.6	13
33	Evaluation of the AGE/sRAGE Axis in Patients with Multiple Myeloma. Antioxidants, 2019, 8, 55.	2.2	12
34	Use of Machine Learning to Investigate the Quantitative Checklist for Autism in Toddlers (Q-CHAT) towards Early Autism Screening. Diagnostics, 2021, 11, 574.	1.3	12
35	A personal monitoring architecture to detect muscular fatigue in elderly. Neuromuscular Disorders, 2012, 22, S192-S197.	0.3	11
36	The soft computing-based approach to investigate allergic diseases: a systematic review. Clinical and Molecular Allergy, 2017, 15, 10.	0.8	11

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37	Spatio-temporal parameters of ataxia gait dataset obtained with the Kinect. Data in Brief, 2020, 32, 106307.	0.5	10
38	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.	1.1	10
39	A system for automatic detection of momentary stress in naturalistic settings. Studies in Health Technology and Informatics, 2012, 181, 182-6.	0.2	10
40	A non invasive, wearable sensor platform for multi-parametric remote monitoring in CHF patients. Health and Technology, 2013, 3, 99-109.	2.1	9
41	HeartMan DSS: A decision support system for self-management of congestive heart failure. Expert Systems With Applications, 2021, 186, 115688.	4.4	9
42	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.	1.2	9
43	Mediating Mindfulness-Based Interventions with Virtual Reality in Non-Clinical Populations: The State-of-the-Art. Healthcare (Switzerland), 2022, 10, 1220.	1.0	9
44	ECG and GSR measure and analysis using wearable systems: Application in anorexia nervosa adolescents. , 2013, , .		8
45	Changes in Serum Interleukin-8 and sRAGE Levels in Multiple Myeloma Patients. Anticancer Research, 2020, 40, 1443-1449.	0.5	8
46	A wearable pervasive platform for the intelligent monitoring of muscular fatigue. , 2010, , .		7
47	Alexithymia Profile in Relation to Negative Affect in Parents of Autistic and Typically Developing Young Children. Brain Sciences, 2020, 10, 496.	1.1	7
48	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.	1.0	7
49	Interreality: The use of advanced technologies in the assessment and treatment of psychological stress. , 2010, , .		6
50	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
51	A Novel Application for Cognitive Evaluation in Mountain Ultramarathons: Olfactory Assessment. Wilderness and Environmental Medicine, 2016, 27, 131-135.	0.4	5
52	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
53	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
54	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

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55	Oxidative stress markers in patients with hereditary angioedema. Archives of Medical Science, 2019, 15, 92-98.	0.4	4
56	Artificial Intelligence for Dysarthria Assessment in Children With Ataxia: A Hierarchical Approach. IEEE Access, 2021, 9, 166720-166735.	2.6	4
57	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.	1.1	4
58	A pervasive activity management and rehabilitation support system for the elderly. , 2010, , .		3
59	Vital Sign Sensing Technology. , 2014, , 55-92.		2
60	mhealth and psycho-physical well-being. , 2018, , .		1
61	Robot-Assisted Cognitive Behavioural Therapy for Young Children with Autism Spectrum Disorders. , 2020, , 1-5.		1
62	Ubiquitous, Wearable, Mobile. , 0, , 996-1017.		1
63	Ubiquitous, Wearable, Mobile. Advances in Educational Technologies and Instructional Design Book Series, 2018, , 286-307.	0.2	1
64	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
65	Olfactory testing in staff working in the cardiac catheterization laboratory. European Heart Journal, 2013, 34, P5432-P5432.	1.0	0
66	Reply. JACC: Cardiovascular Imaging, 2015, 8, 1470-1471.	2.3	0
67	Robot-Assisted Cognitive Behavioral Therapy for Young Children with Autism Spectrum Disorders. , 2021, , 4004-4009.		0
68	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