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	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
2	Predicting Outcome of Traumatic Brain Injury: Is Machine Learning the Best Way?. Biomedicines, 2022, 10, 686.	1.4	14
3	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
4	Social Humanoid Robots for Children with Autism Spectrum Disorders: A Review of Modalities, Indications, and Pitfalls. Children, 2022, 9, 953.	0.6	15
5	Mediating Mindfulness-Based Interventions with Virtual Reality in Non-Clinical Populations: The State-of-the-Art. Healthcare (Switzerland), 2022, 10, 1220.	1.0	9
6	Robot-Assisted Cognitive Behavioral Therapy for Young Children with Autism Spectrum Disorders. , 2021, , 4004-4009.		0
7	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
8	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
9	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
10	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
11	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
12	HeartMan DSS: A decision support system for self-management of congestive heart failure. Expert Systems With Applications, 2021, 186, 115688.	4.4	9
13	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
14	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
15	Artificial Intelligence for Dysarthria Assessment in Children With Ataxia: A Hierarchical Approach. IEEE Access, 2021, 9, 166720-166735.	2.6	4
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.	1.7	61
17	Spatio-temporal parameters of ataxia gait dataset obtained with the Kinect. Data in Brief, 2020, 32, 106307.	0.5	10
18	Validation of low-cost system for gait assessment in children with ataxia. Computer Methods and Programs in Biomedicine, 2020, 196, 105705.	2.6	17

#	Article	IF	Citations
19	Tele-Assisted Behavioral Intervention for Families with Children with Autism Spectrum Disorders: A Randomized Control Trial. Brain Sciences, 2020, 10, 649.	1.1	26
20	Alexithymia Profile in Relation to Negative Affect in Parents of Autistic and Typically Developing Young Children. Brain Sciences, 2020, 10, 496.	1.1	7
21	Changes in Serum Interleukin-8 and sRAGE Levels in Multiple Myeloma Patients. Anticancer Research, 2020, 40, 1443-1449.	0.5	8
22	Robot-Assisted Cognitive Behavioural Therapy for Young Children with Autism Spectrum Disorders. , 2020, , 1-5.		1
23	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
24	The ST2/Interleukin-33 Axis in Hematologic Malignancies: The IL-33 Paradox. International Journal of Molecular Sciences, 2019, 20, 5226.	1.8	13
25	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
26	Evaluation of the AGE/sRAGE Axis in Patients with Multiple Myeloma. Antioxidants, 2019, 8, 55.	2.2	12
27	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
28	Oxidative stress markers in patients with hereditary angioedema. Archives of Medical Science, 2019, 15, 92-98.	0.4	4
29	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
30	mhealth and psycho-physical well-being. , 2018, , .		1
31	Ubiquitous, Wearable, Mobile. Advances in Educational Technologies and Instructional Design Book Series, 2018, , 286-307.	0.2	1
32	Olfaction in autism spectrum disorders: A systematic review. Child Neuropsychology, 2017, 23, 1-25.	0.8	60
33	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
34	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
35	The soft computing-based approach to investigate allergic diseases: a systematic review. Clinical and Molecular Allergy, 2017, 15, 10.	0.8	11
36	A systematic review of the association between allergic asthma and autism. Minerva Pediatrics, 2017, 69, 538-550.	0.2	14

#	Article	IF	Citations
37	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
38	Autism and social robotics: A systematic review. Autism Research, 2016, 9, 165-183.	2.1	312
39	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
40	A Novel Application for Cognitive Evaluation in Mountain Ultramarathons: Olfactory Assessment. Wilderness and Environmental Medicine, 2016, 27, 131-135.	0.4	5
41	Reply. JACC: Cardiovascular Imaging, 2015, 8, 1470-1471.	2.3	0
42	A Soft Computingâ€"Based B-Line Analysis forÂObjective Classification of Severity ofÂPulmonary Edema and Fibrosis. JACC: Cardiovascular Imaging, 2015, 8, 495-496.	2.3	13
43	Neuro-Fuzzy Physiological Computing to Assess Stress Levels in Virtual Reality Therapy. Interacting With Computers, 2015, 27, 521-533.	1.0	18
44	Association Between Atopic Dermatitis and Autism Spectrum Disorders: A Systematic Review. American Journal of Clinical Dermatology, 2015, 16, 371-388.	3.3	52
45	Mannose-binding lectin 2 gene polymorphism and lung damage in primary ciliary dyskinesia. Pediatric Pulmonology, 2015, 50, 179-186.	1.0	16
46	A Smart Sensor System for Detecting Hydrocarbon Volatile Organic Compounds in Sea Water. Clean - Soil, Air, Water, 2015, 43, 147-152.	0.7	22
47	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
48	Vital Sign Sensing Technology. , 2014, , 55-92.		2
49	An efficient unsupervised fetal QRS complex detection from abdominal maternal ECG. Physiological Measurement, 2014, 35, 1607-1619.	1.2	80
50	Autism and lack of D3 vitamin: A systematic review. Research in Autism Spectrum Disorders, 2014, 8, 1685-1698.	0.8	17
51	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
52	A non invasive, wearable sensor platform for multi-parametric remote monitoring in CHF patients. Health and Technology, 2013, 3, 99-109.	2.1	9
53	A mobile data collection platform for mental health research. Personal and Ubiquitous Computing, 2013, 17, 241-251.	1.9	120
54	Rapid diagnosis of primary ciliary dyskinesia: cell culture and soft computing analysis. European Respiratory Journal, 2013, 41, 960-965.	3.1	16

#	Article	IF	Citations
55	ECG and GSR measure and analysis using wearable systems: Application in anorexia nervosa adolescents. , 2013, , .		8
56	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
57	Olfactory testing in staff working in the cardiac catheterization laboratory. European Heart Journal, 2013, 34, P5432-P5432.	1.0	0
58	Evaluation of pulmonary disease using static lung volumes in primary ciliary dyskinesia. Thorax, 2012, 67, 993-999.	2.7	31
59	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
60	A personal monitoring architecture to detect muscular fatigue in elderly. Neuromuscular Disorders, 2012, 22, S192-S197.	0.3	11
61	Personal Health System architecture for stress monitoring and support to clinical decisions. Computer Communications, 2012, 35, 1296-1305.	3.1	68
62	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
63	A system for automatic detection of momentary stress in naturalistic settings. Studies in Health Technology and Informatics, 2012, 181, 182-6.	0.2	10
64	A wearable pervasive platform for the intelligent monitoring of muscular fatigue. , 2010, , .		7
65	Interreality: The use of advanced technologies in the assessment and treatment of psychological stress. , 2010, , .		6
66	A pervasive activity management and rehabilitation support system for the elderly. , 2010, , .		3
67	Polyurethane unimorph bender microfabricated with Pressure Assisted Microsyringe (PAM) for biomedical applications. Materials Science and Engineering C, 2009, 29, 1835-1841.	3.8	20
68	Ubiquitous, Wearable, Mobile. , 0, , 996-1017.		1