

Alessandro Tonacci

List of Publications by Citations

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84
papers

1,377
citations

20
h-index

33
g-index

100
ext. papers

1,980
ext. citations

4.8
avg, IF

5.29
L-index

#	Paper	IF	Citations
84	Autism and social robotics: A systematic review. <i>Autism Research</i> , 2016 , 9, 165-83	5.1	194
83	Emerging role of vitamin D in autoimmune diseases: An update on evidence and therapeutic implications. <i>Autoimmunity Reviews</i> , 2019 , 18, 102350	13.6	89
82	Randomized trial on the effects of a combined physical/cognitive training in aged MCI subjects: the Train the Brain study. <i>Scientific Reports</i> , 2017 , 7, 39471	4.9	76
81	Effects of Mountain Ultra-Marathon Running on ROS Production and Oxidative Damage by Micro-Invasive Analytic Techniques. <i>PLoS ONE</i> , 2015 , 10, e0141780	3.7	69
80	Immunopathology of SARS-CoV-2 Infection: Immune Cells and Mediators, Prognostic Factors, and Immune-Therapeutic Implications. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	50
79	Chronic and acute effects of endurance training on telomere length. <i>Mutagenesis</i> , 2015 , 30, 711-6	2.8	47
78	[Formula: see text]Olfaction in autism spectrum disorders: A systematic review. <i>Child Neuropsychology</i> , 2017 , 23, 1-25	2.7	46
77	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	7	38
76	Omalizumab for the Treatment of Chronic Idiopathic Urticaria: Systematic Review of the Literature. <i>Pharmacotherapy</i> , 2017 , 37, 464-480	5.8	36
75	Association Between Atopic Dermatitis and Autism Spectrum Disorders: A Systematic Review. <i>American Journal of Clinical Dermatology</i> , 2015 , 16, 371-88	7.1	32
74	IL-33/IL-31 Axis in Immune-Mediated and Allergic Diseases. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	31
73	Heart Rate Variability During a Joint Attention Task in Toddlers With Autism Spectrum Disorders. <i>Frontiers in Physiology</i> , 2018 , 9, 467	4.6	29
72	An integrated EEG and eye-tracking approach for the study of responding and initiating joint attention in Autism Spectrum Disorders. <i>Scientific Reports</i> , 2017 , 7, 13560	4.9	28
71	Interactions between the MicroRNAs and Microbiota in Cancer Development: Roles and Therapeutic Opportunities. <i>Cancers</i> , 2020 , 12,	6.6	28
70	Rich at risk: socio-economic drivers of COVID-19 pandemic spread. <i>Clinical and Molecular Allergy</i> , 2020 , 18, 12	3.7	26
69	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	5.1	26
68	The role of oxidative stress in the biology of melanoma: A systematic review. <i>Pathology Research and Practice</i> , 2019 , 215, 21-28	3.4	24

67	Olfactory Processing in Male Children with Autism: Atypical Odor Threshold and Identification. <i>Journal of Autism and Developmental Disorders</i> , 2017 , 47, 3243-3251	4.6	22
66	MicroRNA Cross-Involvement in Autism Spectrum Disorders and Atopic Dermatitis: A Literature Review. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	21
65	Oxidative Stress and Photodynamic Therapy of Skin Cancers: Mechanisms, Challenges and Promising Developments. <i>Antioxidants</i> , 2020 , 9,	7.1	21
64	Cancer and SARS-CoV-2 Infection: Diagnostic and Therapeutic Challenges. <i>Cancers</i> , 2020 , 12,	6.6	19
63	Electronic Nose as a Novel Method for Diagnosing Cancer: A Systematic Review. <i>Biosensors</i> , 2020 , 10,	5.9	19
62	A Smart Sensor System for Detecting Hydrocarbon Volatile Organic Compounds in Sea Water. <i>Clean - Soil, Air, Water</i> , 2015 , 43, 147-152	1.6	17
61	Sensorized buoy for oil spill early detection. <i>Methods in Oceanography</i> , 2016 , 17, 221-231		17
60	Anticancer Activity of L.: Mechanisms of Action and Therapeutic Potentials. <i>Nutrients</i> , 2020 , 12,	6.7	16
59	Olfactory non-cancer effects of exposure to ionizing radiation in staff working in the cardiac catheterization laboratory. <i>International Journal of Cardiology</i> , 2014 , 171, 461-3	3.2	16
58	Autism and lack of D3 vitamin: A systematic review. <i>Research in Autism Spectrum Disorders</i> , 2014 , 8, 1685-1698		13
57	Electronic Nose and AUV: A Novel Perspective in Marine Pollution Monitoring. <i>Marine Technology Society Journal</i> , 2015 , 49, 18-24	0.5	13
56	Neuro-Fuzzy Physiological Computing to Assess Stress Levels in Virtual Reality Therapy. <i>Interacting With Computers</i> , 2015 , 27, 521-533	1.6	12
55	Synergic Crosstalk between Inflammation, Oxidative Stress, and Genomic Alterations in BCR-ABL-Negative Myeloproliferative Neoplasm. <i>Antioxidants</i> , 2020 , 9,	7.1	12
54	The Osteoporosis/Microbiota Linkage: The Role of miRNA. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
53	Autistic traits impact on olfactory processing in adolescent girls with Anorexia Nervosa restricting type. <i>Psychiatry Research</i> , 2019 , 274, 20-26	9.9	12
52	An Innovative, Unobtrusive Approach to Investigate Smartphone Interaction in Nonaddicted Subjects Based on Wearable Sensors: A Pilot Study. <i>Medicina (Lithuania)</i> , 2019 , 55,	3.1	11
51	Atopic dermatitis severity during exposure to air pollutants and weather changes with an Artificial Neural Network (ANN) analysis. <i>Pediatric Allergy and Immunology</i> , 2020 , 31, 938-945	4.2	11
50	Olfactory evaluation in Mild Cognitive Impairment: correlation with neurocognitive performance and endothelial function. <i>European Journal of Neuroscience</i> , 2017 , 45, 1279-1288	3.5	10

49	Autonomic Nervous System Response during Light Physical Activity in Adolescents with Anorexia Nervosa Measured by Wearable Devices. <i>Sensors</i> , 2019 , 19,	3.8	10
48	IL33/ST2 Axis in Diabetic Kidney Disease: A Literature Review. <i>Medicina (Lithuania)</i> , 2019 , 55,	3.1	10
47	EYES Are The Window to the Mind: Eye-Tracking Technology as a Novel Approach to Study Clinical Characteristics of ADHD. <i>Psychiatry Research</i> , 2020 , 290, 113135	9.9	10
46	Interpersonal motor coordination during joint actions in children with and without autism spectrum disorder: The role of motor information. <i>Research in Developmental Disabilities</i> , 2018 , 80, 13-23	2.7	10
45	Brain-derived neurotrophic factor (Val66Met) polymorphism and olfactory ability in young adults. <i>Journal of Biomedical Science</i> , 2013 , 20, 57	13.3	10
44	A systematic review of the association between allergic asthma and autism. <i>Minerva Pediatrics</i> , 2017 , 69, 538-550	1.5	10
43	Olfactory Testing in Frontotemporal Dementia: A Literature Review. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2018 , 33, 342-352	2.5	9
42	Effects of AntagomiRs on Different Lung Diseases in Human, Cellular, and Animal Models. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9
41	The soft computing-based approach to investigate allergic diseases: a systematic review. <i>Clinical and Molecular Allergy</i> , 2017 , 15, 10	3.7	9
40	Wearable Sensors to Characterize the Autonomic Nervous System Correlates of Food-Like Odors Perception: A Pilot Study. <i>Electronics (Switzerland)</i> , 2019 , 8, 1481	2.6	8
39	Wearable Sensors for Assessing the Role of Olfactory Training on the Autonomic Response to Olfactory Stimulation. <i>Sensors</i> , 2021 , 21,	3.8	8
38	The SENSEable Pisa Project: Citizen-Participation in Monitoring Acoustic Climate of Mediterranean City Centers. <i>Clean - Soil, Air, Water</i> , 2017 , 45, 1600137	1.6	7
37	Sympathetic arousal in children with oppositional defiant disorder and its relation to emotional dysregulation. <i>Journal of Affective Disorders</i> , 2019 , 257, 207-213	6.6	7
36	Secondary Immunodeficiency in Hematological Malignancies: Focus on Multiple Myeloma and Chronic Lymphocytic Leukemia. <i>Frontiers in Immunology</i> , 2021 , 12, 738915	8.4	7
35	Olfactory dysfunction is worse in primary ciliary dyskinesia compared with other causes of chronic sinusitis in children. <i>Thorax</i> , 2018 , 73, 980-982	7.3	6
34	Exhaled breath analysis in evaluation of psychological stress: A short literature review. <i>International Journal of Psychology</i> , 2019 , 54, 589-597	1.9	6
33	Machine Learning for the Classification of Alzheimer's Disease and Its Prodromal Stage Using Brain Diffusion Tensor Imaging Data: A Systematic Review. <i>Processes</i> , 2020 , 8, 1071	2.9	6
32	Comparative Evaluation of the Autonomic Response to Cognitive and Sensory Stimulations through Wearable Sensors. <i>Sensors</i> , 2019 , 19,	3.8	6

31	Alarmins, COVID-19 and comorbidities. <i>Annals of Medicine</i> , 2021 , 53, 777-785	1.5	6
30	AntagomiRs: A novel therapeutic strategy for challenging COVID-19 cytokine storm. <i>Cytokine and Growth Factor Reviews</i> , 2021 , 58, 111-113	17.9	5
29	Vitamin D Deficiency, Osteoporosis and Effect on Autoimmune Diseases and Hematopoiesis: A Review. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
28	Can Machine Learning Predict Stress Reduction Based on Wearable Sensors>Data Following Relaxation at Workplace? A Pilot Study. <i>Processes</i> , 2020 , 8, 448	2.9	4
27	A Machine Learning Application to Predict Early Lung Involvement in Scleroderma: A Feasibility Evaluation. <i>Diagnostics</i> , 2021 , 11,	3.8	4
26	"Mom Let's Go to the Dentist!" Preliminary Feasibility of a Tailored Dental Intervention for Children with Autism Spectrum Disorder in the Italian Public Health Service. <i>Brain Sciences</i> , 2020 , 10,	3.4	4
25	Vitamin D and Folate as Predictors of MMSE in Alzheimer's Disease: A Machine Learning Analysis. <i>Diagnostics</i> , 2021 , 11,	3.8	4
24	Use of Electronic Noses in Seawater Quality Monitoring: A Systematic Review. <i>Biosensors</i> , 2018 , 8,	5.9	4
23	A Novel Application for Cognitive Evaluation in Mountain Ultramarathons: Olfactory Assessment. <i>Wilderness and Environmental Medicine</i> , 2016 , 27, 131-5	1.4	3
22	Sensorized buoy for oil spill early detection 2015 ,		3
21	Antiproliferative Effects of St. John's Wort, Its Derivatives, and Other Species in Hematologic Malignancies. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	3
20	Multiple Myeloma Cell-Derived Exosomes: Implications on Tumorigenesis, Diagnosis, Prognosis and Therapeutic Strategies. <i>Cells</i> , 2021 , 10,	7.9	3
19	E-Nose and Olfactory Assessment: Teamwork or a Challenge to the Last Data? The Case of Virgin Olive Oil Stability and Shelf Life. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8453	2.6	3
18	A machine learning analysis to predict the response to intravenous and subcutaneous immunoglobulin in inflammatory myopathies. A proposal for a future multi-omics approach in autoimmune diseases.. <i>Autoimmunity Reviews</i> , 2022 , 103105	13.6	3
17	Behavioral and Autonomic Responses in Treating Children with High-Functioning Autism Spectrum Disorder: Clinical and Phenomenological Insights from Two Case Reports. <i>Brain Sciences</i> , 2020 , 10,	3.4	2
16	Development of an integrated ICT system for data production, standardization and elaboration in health & care 2017 ,		2
15	Neurosensory and Cognitive Modifications in Europe's Toughest RandoRaid Competition: the TranspyrRaid Extreme Study. <i>Frontiers in Physiology</i> , 2017 , 8, 201	4.6	2
14	Enhanced Right-Chamber Remodeling in Endurance Ultra-Trail Athletes Compared to Marathon Runners Detected by Standard and Speckle-Tracking Echocardiography. <i>Frontiers in Physiology</i> , 2017 , 8, 527	4.6	2

13	Nanomedicine for Immunotherapy Targeting Hematological Malignancies: Current Approaches and Perspective. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
12	Healthy aging: the INTECMAN project. <i>Aging Clinical and Experimental Research</i> , 2021 , 33, 2011-2015	4.8	2
11	Reply to Fluegge: Association Between Atopic Dermatitis and Autism Spectrum Disorders: A Systematic Review. <i>American Journal of Clinical Dermatology</i> , 2016 , 17, 189-90	7.1	2
10	Ethnic Differences on Cardiac Rhythms and Autonomic Nervous System Responses During a High-Altitude Trek: A Pilot Study Comparing Italian Trekkers to Nepalese Porters. <i>Frontiers in Physiology</i> , 2021 , 12, 709451	4.6	2
9	Neurophysiological and Behavioural Variables in Cognitive Impairment: Towards a Personalised Monitoring System. <i>Biosystems and Biorobotics</i> , 2015 , 407-417	0.2	1
8	Development of a platform for E-training/E-learning for echocardiography practitioners 2017 ,		1
7	Effect of Olfactory Stimulation in Agenesis of the Corpus Callosum: A Case Report. <i>Brain Impairment</i> , 2014 , 15, 216-222	1	1
6	P260Right cardiac chambers remodeling in marathon and ultra-trail athletes detected by speckle-tracking echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, ii45-ii48	4.1	1
5	Electronic Nose and Tongue for Assessing Human Microbiota. <i>Chemosensors</i> , 2022 , 10, 85	4	0
4	Autism spectrum disorders and atopic dermatitis: a new perspective from country-based prevalence data.. <i>Clinical and Molecular Allergy</i> , 2021 , 19, 27	3.7	0
3	AUTOMA: a wearable device to assess the upper limb muscular activity in patients with neuromuscular disorders.. <i>Acta Myologica</i> , 2021 , 40, 143-151	1.6	0
2	A Smart System to Detect Volatile Organic Compounds Produced by Hydrocarbons on Seawater. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 99-102	0.2	
1	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	3.7	