

Jesus Gabriel Cruz-Garza

List of Publications by Year in Descending Order

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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.

22
papers

293
citations

7
h-index

17
g-index

24
ext. papers

363
ext. citations

3.1
avg, IF

3.1
L-index

#	Paper	IF	Citations
22	Deep Learning Methods for EEG Neural Classification 2022 , 1-39		
21	Evaluating the impacts of color, graphics, and architectural features on wayfinding in healthcare settings using EEG data and virtual response testing. <i>Journal of Environmental Psychology</i> , 2022 , 79, 101744	6.7	8
20	An EEG-Based Investigation of the Effect of Perceived Observation on Visual Memory in Virtual Environments.. <i>Brain Sciences</i> , 2022 , 12,	3.4	3
19	EEG-based investigation of the impact of room size and window placement on cognitive performance. <i>Journal of Building Engineering</i> , 2022 , 53, 104540	5.2	4
18	Comparing physiological responses during cognitive tests in virtual environments vs. in identical real-world environments. <i>Scientific Reports</i> , 2021 , 11, 10227	4.9	13
17	A Roadmap Towards Standards for Neurally Controlled End Effectors.. <i>IEEE Open Journal of Engineering in Medicine and Biology</i> , 2021 , 2, 84-90	5.9	1
16	Using Posterior EEG Theta Band to Assess the Effects of Architectural Designs on Landmark Recognition in an Urban Setting. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 584385	3.3	4
15	Characterization of the Stages of Creative Writing With Mobile EEG Using Generalized Partial Directed Coherence. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 577651	3.3	2
14	Your Brain on Art: A New Paradigm to Study Artistic Creativity Based on the Exquisite Corpse Using Mobile Brain-Body Imaging 2019 , 283-308		3
13	Self-consciousness/Physical Memory: An Immersive, Kinetic Art Installation Driven by Real-Time and Archival EEG Signals 2019 , 309-323		3
12	Assaying neural activity of children during video game play in public spaces: a deep learning approach. <i>Journal of Neural Engineering</i> , 2019 , 16, 036028	5	7
11	Towards a Roadmap for Neuroaesthetics. <i>Springer Series on Bio- and Neurosystems</i> , 2019 , 215-220	0.5	
10	Into the Mind of an Artist: Convergent Research at the Nexus of Art, Science, and Technology. <i>Springer Series on Bio- and Neurosystems</i> , 2019 , 61-74	0.5	1
9	Mobile Brain-Body Imaging and the Neuroscience of Art, Innovation and Creativity. <i>Springer Series on Bio- and Neurosystems</i> , 2019 ,	0.5	2
8	Towards a whole body brain-machine interface system for decoding expressive movement intent Challenges and Opportunities 2017 ,		6
7	Deployment of Mobile EEG Technology in an Art Museum Setting: Evaluation of Signal Quality and Usability. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 527	3.3	38
6	Powered exoskeletons for bipedal locomotion after spinal cord injury. <i>Journal of Neural Engineering</i> , 2016 , 13, 031001	5	119

5	A Novel Experimental and Analytical Approach to the Multimodal Neural Decoding of Intent During Social Interaction in Freely-behaving Human Infants. <i>Journal of Visualized Experiments</i> , 2015 ,	1.6	1
4	Your Brain on Art: Emergent Cortical Dynamics During Aesthetic Experiences. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 626	3.3	29
3	Neural decoding of expressive human movement from scalp electroencephalography (EEG). <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 188	3.3	44
2	Decoding of intentional actions from scalp electroencephalography (EEG) in freely-behaving infants. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 2115-8	0.9	3
1	Evaluating Wayfinding Designs in Healthcare Settings through EEG Data and Virtual Response Testing		2