

Javier O Garcia

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,238
citations

471509

17
h-index

414414

32
g-index

57
all docs

57
docs citations

57
times ranked

1645
citing authors

#	ARTICLE	IF	CITATIONS
1	Compact convolutional neural networks for classification of asynchronous steady-state visual evoked potentials. <i>Journal of Neural Engineering</i> , 2018, 15, 066031.	3.5	131
2	Brain connectivity dynamics during social interaction reflect social network structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5153-5158.	7.1	121
3	Near-Real-Time Feature-Selective Modulations in Human Cortex. <i>Current Biology</i> , 2013, 23, 515-522.	3.9	120
4	Cognitive chimera states in human brain networks. <i>Science Advances</i> , 2019, 5, eaau8535.	10.3	106
5	Applications of Community Detection Techniques to Brain Graphs: Algorithmic Considerations and Implications for Neural Function. <i>Proceedings of the IEEE</i> , 2018, 106, 846-867.	21.3	94
6	Visual perception and neural correlates of novel "biological motion"™. <i>Vision Research</i> , 2007, 47, 2786-2797.	1.4	63
7	Changing the Spatial Scope of Attention Alters Patterns of Neural Gain in Human Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 112-123.	3.6	62
8	Siglec receptors impact mammalian lifespan by modulating oxidative stress. <i>ELife</i> , 2015, 4, .	6.0	56
9	Individual differences in compliance and agreement for sleep logs and wrist actigraphy: A longitudinal study of naturalistic sleep in healthy adults. <i>PLoS ONE</i> , 2018, 13, e0191883.	2.5	48
10	Brain dynamics of post-task resting state are influenced by expertise: Insights from baseball players. <i>Human Brain Mapping</i> , 2016, 37, 4454-4471.	3.6	40
11	Necessary but not sufficient: Motion perception is required for perceiving biological motion. <i>Vision Research</i> , 2008, 48, 1144-1149.	1.4	38
12	Evoked potentials in large-scale cortical networks elicited by TMS of the visual cortex. <i>Journal of Neurophysiology</i> , 2011, 106, 1734-1746.	1.8	37
13	Different profiles of decision making and physiology under varying levels of stress in trained military personnel. <i>International Journal of Psychophysiology</i> , 2018, 131, 73-80.	1.0	36
14	Estimating direction in brain-behavior interactions: Proactive and reactive brain states in driving. <i>NeuroImage</i> , 2017, 150, 239-249.	4.2	32
15	Unconscious processing of color and form in metacontrast masking. <i>Perception & Psychophysics</i> , 2009, 71, 95-103.	2.3	29
16	Global brain dynamics during social exclusion predict subsequent behavioral conformity. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 182-191.	3.0	29
17	Unsupervised adaptive transfer learning for Steady-State Visual Evoked Potential brain-computer interfaces. , 2016, , .		24
18	Local connectome phenotypes predict social, health, and cognitive factors. <i>Network Neuroscience</i> , 2018, 2, 86-105.	2.6	22

#	ARTICLE	IF	CITATIONS
19	Temporal dynamics of divided spatial attention. <i>Journal of Neurophysiology</i> , 2013, 109, 2364-2373.	1.8	21
20	Fusing Multiple Neuroimaging Modalities to Assess Group Differences in Perception-Action Coupling. <i>Proceedings of the IEEE</i> , 2017, 105, 83-100.	21.3	15
21	Learning in brain-computer interface control evidenced by joint decomposition of brain and behavior. <i>Journal of Neural Engineering</i> , 2020, 17, 046018.	3.5	15
22	Time-evolving dynamics in brain networks forecast responses to health messaging. <i>Network Neuroscience</i> , 2019, 3, 138-156.	2.6	14
23	Motion opponency and transparency in the human middle temporal area. <i>European Journal of Neuroscience</i> , 2009, 30, 1172-1182.	2.6	11
24	Differential Functionality of Right and Left Parietal Activity in Controlling a Motor Vehicle. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 106.	2.5	11
25	Dissociable mappings of tonic and phasic pupillary features onto cognitive processes involved in mental arithmetic. <i>PLoS ONE</i> , 2020, 15, e0230517.	2.5	11
26	Scale-specific dynamics of high-amplitude bursts in EEG capture behaviorally meaningful variability. <i>NeuroImage</i> , 2021, 241, 118425.	4.2	8
27	Linking Emotional Reactivity Between Laboratory Tasks and Immersive Environments Using Behavior and Physiology. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 54.	2.0	5
28	Reconfigurations within resonating communities of brain regions following TMS reveal different scales of processing. <i>Network Neuroscience</i> , 2020, 4, 611-636.	2.6	5
29	Overlapping brain network and alpha power changes suggest visuospatial attention effects on driving performance.. <i>Behavioral Neuroscience</i> , 2018, 132, 23-33.	1.2	5
30	Translating Driving Research from Simulation to Interstate Driving with Realistic Traffic and Passenger Interactions. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 126-138.	0.6	3
31	A Minimum Free Energy Model of Motor Learning. <i>Neural Computation</i> , 2019, 31, 1945-1963.	2.2	3
32	Understanding diaschisis models of attention dysfunction with rTMS. <i>Scientific Reports</i> , 2020, 10, 14890.	3.3	2
33	Stimulus complexity modulates contrast response functions in the human middle temporal area (hMT+). <i>Brain Research</i> , 2012, 1466, 56-69.	2.2	1
34	0193 Sleepiness and Slow Rolling Eye Movements are Increased During Autonomous Versus Manual Driving. <i>Sleep</i> , 2019, 42, A79-A79.	1.1	1
35	Implementation of Structural Synchrony and Linear Measures of Brain Network Connectivity for Real-Time State Estimation. , 2018, , .		0
36	0191 Individual Differences In Sleep Log Compliance And Agreement With Wrist Actigraphy: A Longitudinal Study Of Naturalistic Sleep In Healthy Adults. <i>Sleep</i> , 2018, 41, A75-A75.	1.1	0

#	ARTICLE	IF	CITATIONS
37	Attention-based motion analysis of biological motion perception. <i>Journal of Vision</i> , 2010, 10, 790-790.	0.3	0
38	Determining the feature sensitivity of visual areas to biological motion using brain-based reverse correlation. <i>Journal of Vision</i> , 2011, 11, 688-688.	0.3	0
39	The phase of intrinsic oscillations modulates feature and space-based visual attention. <i>Journal of Vision</i> , 2014, 14, 1118-1118.	0.3	0
40	Longitudinal study of relationships between psychomotor vigilance, tonic and phasic pupil responses, and natural sleep history across 16 weeks. <i>Journal of Vision</i> , 2018, 18, 873.	0.3	0
41	Distinct pupil features correlate with between-participant and across-session performance variability in a 16-week, longitudinal data set. <i>Journal of Vision</i> , 2019, 19, 126c.	0.3	0
42	Title is missing!. , 2020, 15, e0230517.		0
43	Title is missing!. , 2020, 15, e0230517.		0
44	Title is missing!. , 2020, 15, e0230517.		0
45	Title is missing!. , 2020, 15, e0230517.		0
46	Title is missing!. , 2020, 15, e0230517.		0
47	Title is missing!. , 2020, 15, e0230517.		0