

Ruey-Song Huang

List of Publications by Year in descending order

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26
papers

1,697
citations

516710

16
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

1704
citing authors

#	ARTICLE	IF	CITATIONS
1	A human parietal face area contains aligned head-centered visual and tactile maps. <i>Nature Neuroscience</i> , 2006, 9, 1337-1343.	14.8	289
2	Wide-Field Retinotopy Defines Human Cortical Visual Area V6. <i>Journal of Neuroscience</i> , 2006, 26, 7962-7973.	3.6	252
3	Multiple Parietal Reach Regions in Humans: Cortical Representations for Visual and Proprioceptive Feedback during On-Line Reaching. <i>Journal of Neuroscience</i> , 2009, 29, 2961-2971.	3.6	223
4	Multisensory maps in parietal cortex. <i>Current Opinion in Neurobiology</i> , 2014, 24, 39-46.	4.2	145
5	Noninvasive Neural Prostheses Using Mobile and Wireless EEG. <i>Proceedings of the IEEE</i> , 2008, 96, 1167-1183.	21.3	118
6	Mapping multisensory parietal face and body areas in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18114-18119.	7.1	112
7	Tonic and phasic electroencephalographic dynamics during continuous compensatory tracking. <i>NeuroImage</i> , 2008, 39, 1896-1909.	4.2	88
8	Dodecapus: An MR-compatible system for somatosensory stimulation. <i>NeuroImage</i> , 2007, 34, 1060-1073.	4.2	81
9	Co-modulatory spectral changes in independent brain processes are correlated with task performance. <i>NeuroImage</i> , 2012, 62, 1469-1477.	4.2	59
10	Tonic Changes in EEG Power Spectra during Simulated Driving. <i>Lecture Notes in Computer Science</i> , 2009, , 394-403.	1.3	49
11	Bottom-up Retinotopic Organization Supports Top-down Mental Imagery. <i>Open Neuroimaging Journal</i> , 2013, 7, 58-67.	0.2	38
12	Multisensory and sensorimotor maps. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 151, 141-161.	1.8	37
13	3-D facial model estimation from single front-view facial image. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2002, 12, 183-192.	8.3	33
14	Neural Substrates Underlying the Passive Observation and Active Control of Translational Egomotion. <i>Journal of Neuroscience</i> , 2015, 35, 4258-4267.	3.6	28
15	Event-Related Brain Dynamics in Continuous Sustained-Attention Tasks. <i>Lecture Notes in Computer Science</i> , 2007, , 65-74.	1.3	22
16	Multi-Scale EEG Brain Dynamics During Sustained Attention Tasks. , 2007, , .		21
17	Mapping the complex topological organization of the human parietal face area. <i>NeuroImage</i> , 2017, 163, 459-470.	4.2	20
18	Validation of periodic fMRI signals in response to wearable tactile stimulation. <i>NeuroImage</i> , 2017, 150, 99-111.	4.2	18

#	ARTICLE	IF	CITATIONS
19	Topological Maps and Brain Computations From Low to High. <i>Frontiers in Systems Neuroscience</i> , 2022, 16, .	2.5	15
20	Spatiotemporal integration of looming visual and tactile stimuli near the face. <i>Human Brain Mapping</i> , 2018, 39, 2156-2176.	3.6	10
21	Unraveling the spatiotemporal brain dynamics during a simulated reach-to-eat task. <i>NeuroImage</i> , 2019, 185, 58-71.	4.2	9
22	Visual stimulus presentation using fiber optics in the MRI scanner. <i>Journal of Neuroscience Methods</i> , 2008, 169, 76-83.	2.5	8
23	Detecting Frontal EEG Activities with Forehead Electrodes. <i>Lecture Notes in Computer Science</i> , 2009, , 373-379.	1.3	8
24	Facial model estimation from stereo/mono image sequence. <i>IEEE Transactions on Multimedia</i> , 2003, 5, 8-23.	7.2	6
25	Analyzing Event-Related Brain Dynamics in Continuous Compensatory Tracking Tasks. , 2005, 2005, 5750-3.		6
26	Independent modulators mediate spectra of multiple brain processes in a VR-based driving experiment. , 2009, , .		2