Joonyeol Lee

List of Publications by Year
in descending order

21 papers	678 citations	933447 10 h-index	794594 19 g-index
25 all docs	25 docs citations	25 times ranked	660 citing authors

#	Article	IF	Citations
1	Automatic compensation enhances the orientation perception in chronic astigmatism. Scientific Reports, 2022, 12, 3710.	3.3	1
2	Rapid three‐dimensional steady‐state chemical exchange saturation transfer magnetic resonance imaging. Magnetic Resonance in Medicine, 2021, 85, 1209-1221.	3.0	8
3	Induced astigmatism biases the orientation information represented in multivariate electroencephalogram activities. Human Brain Mapping, 2021, 42, 4336-4347.	3.6	3
4	Model-Based Chemical Exchange Saturation Transfer MRI for Robust z-Spectrum Analysis. IEEE Transactions on Medical Imaging, 2020, 39, 283-293.	8.9	7
5	Model-Based High-Definition Dynamic Contrast Enhanced MRI for Concurrent Estimation of Perfusion and Microvascular Permeability. Medical Image Analysis, 2020, 59, 101566.	11.6	7
6	The Neural Basis for Response Latency in a Sensory-Motor Behavior. Cerebral Cortex, 2020, 30, 3055-3073.	2.9	12
7	Strategies for rapid reconstruction in 3D MRI with radial data acquisition: 3D fast Fourier transform vs two-step 2D filtered back-projection. Scientific Reports, 2020, 10, 13813.	3.3	4
8	Predicting Trial-by-Trial Variation in Oculomotor Behavior Using Multivariate Electroencephalography Theta Phase. IEEE Access, 2020, 8, 65544-65553.	4.2	3
9	Integration of locomotion and auditory signals in the mouse inferior colliculus. ELife, 2020, 9, .	6.0	36
10	Motion direction representation in multivariate electroencephalography activity for smooth pursuit eye movements. NeuroImage, 2019, 202, 116160.	4.2	5
11	Effect of Prior Direction Expectation on the Accuracy and Precision of Smooth Pursuit Eye Movements. Frontiers in Systems Neuroscience, 2019, 13, 71.	2.5	7
12	Representational dynamics of perceptual mean of sequentially presented objects varies with sequence variability. Journal of Vision, 2018, 18, 1057.	0.3	0
13	Signal, Noise, and Variation in Neural and Sensory-Motor Latency. Neuron, 2016, 90, 165-176.	8.1	43
14	Gamma Synchrony Predicts Neuron–Neuron Correlations and Correlations with Motor Behavior in Extrastriate Visual Area MT. Journal of Neuroscience, 2013, 33, 19677-19688.	3.6	29
15	Control of the Gain of Visual-Motor Transmission Occurs in Visual Coordinates for Smooth Pursuit Eye Movements. Journal of Neuroscience, 2013, 33, 9420-9430.	3.6	13
16	The Interaction of Bayesian Priors and Sensory Data and Its Neural Circuit Implementation in Visually Guided Movement. Journal of Neuroscience, 2012, 32, 17632-17645.	3.6	45
17	The Effect of Attention on Neuronal Responses to High and Low Contrast Stimuli. Journal of Neurophysiology, 2010, 104, 960-971.	1.8	49
18	Attentional Modulation of MT Neurons with Single or Multiple Stimuli in Their Receptive Fields. Journal of Neuroscience, 2010, 30, 3058-3066.	3.6	69

#	ARTICLE	IF	CITATIONS
19	A Normalization Model of Attentional Modulation of Single Unit Responses. PLoS ONE, 2009, 4, e4651.	2.5	204
20	Spatial Attention and the Latency of Neuronal Responses in Macaque Area V4. Journal of Neuroscience, 2007, 27, 9632-9637.	3.6	113
21	Non-veridical visual motion perception immediately after saccades. Vision Research, 2001, 41, 3751-3761.	1.4	15