Yong Gu

List of Publications by Year in descending order

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28	2,341	394421 19	526287 27
papers	citations	h-index	g-index

35	35	35	1246
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cortical Mechanisms of Multisensory Linear Self-motion Perception. Neuroscience Bulletin, 2023, 39, 125-137.	2.9	7
2	Robust vestibular self-motion signals in macaque posterior cingulate region. ELife, 2021, 10, .	6.0	13
3	Temporal synchrony effects of optic flow and vestibular inputs on multisensory heading perception. Cell Reports, 2021, 37, 109999.	6.4	12
4	Multisensory Integration for Self-Motion Perception. , 2020, , 458-482.		3
5	Neural Correlates of Optimal Multisensory Decision Making under Time-Varying Reliabilities with an Invariant Linear Probabilistic Population Code. Neuron, 2019, 104, 1010-1021.e10.	8.1	41
6	Optogenetic fMRI interrogation of brain-wide central vestibular pathways. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10122-10129.	7.1	53
7	Going with the Flow: The Neural Mechanisms Underlying Illusions of Complex-Flow Motion. Journal of Neuroscience, 2019, 39, 2664-2685.	3.6	24
8	Complementary congruent and opposite neurons achieve concurrent multisensory integration and segregation. ELife, 2019, 8, .	6.0	31
9	Causal Evidence of Motion Signals in Macaque Middle Temporal Area Weighted-Pooled for Global Heading Perception. Cerebral Cortex, 2018, 28, 612-624.	2.9	22
10	Vestibular signals in primate cortex for self-motion perception. Current Opinion in Neurobiology, 2018, 52, 10-17.	4.2	31
11	Dynamic Network Communication in the Human Functional Connectome Predicts Perceptual Variability in Visual Illusion. Cerebral Cortex, 2018, 28, 48-62.	2.9	10
12	Vestibular System and Self-Motion. Frontiers in Cellular Neuroscience, 2018, 12, 456.	3.7	32
13	Oculomotor Performances Are Associated With Motor and Non-motor Symptoms in Parkinson's Disease. Frontiers in Neurology, 2018, 9, 960.	2.4	14
14	Probing Sensory Readout via Combined Choice-Correlation Measures and Microstimulation Perturbation. Neuron, 2018, 100, 715-727.e5.	8.1	29
15	Distinct spatial coordinate of visual and vestibular heading signals in macaque FEFsem and MSTd. ELife, 2017, 6, .	6.0	20
16	Evidence for a Causal Contribution of Macaque Vestibular, But Not Intraparietal, Cortex to Heading Perception. Journal of Neuroscience, 2016, 36, 3789-3798.	3.6	75
17	Distributed Representation of Curvilinear Self-Motion in the Macaque Parietal Cortex. Cell Reports, 2016, 15, 1013-1023.	6.4	5
18	Representation of illusory and physical rotations in human MST: A cortical site for the pinna illusion. Human Brain Mapping, 2016, 37, 2097-2113.	3.6	6

#	Article	IF	Citations
19	Multisensory Convergence of Visual and Vestibular Heading Cues in the Pursuit Area of the Frontal Eye Field. Cerebral Cortex, 2016, 26, 3785-3801.	2.9	50
20	Contribution of correlated noise and selective decoding to choice probability measurements in extrastriate visual cortex. ELife, 2014, 3, .	6.0	36
21	Causal Links between Dorsal Medial Superior Temporal Area Neurons and Multisensory Heading Perception. Journal of Neuroscience, 2012, 32, 2299-2313.	3.6	116
22	Perceptual Learning Reduces Interneuronal Correlations in Macaque Visual Cortex. Neuron, 2011, 71, 750-761.	8.1	199
23	Decoding of MSTd Population Activity Accounts for Variations in the Precision of Heading Perception. Neuron, 2010, 66, 596-609.	8.1	173
24	Neural correlates of multisensory cue integration in macaque MSTd. Nature Neuroscience, 2008, 11, 1201-1210.	14.8	497
25	Multimodal Coding of Three-Dimensional Rotation and Translation in Area MSTd: Comparison of Visual and Vestibular Selectivity. Journal of Neuroscience, 2007, 27, 9742-9756.	3.6	178
26	Spatial Reference Frames of Visual, Vestibular, and Multimodal Heading Signals in the Dorsal Subdivision of the Medial Superior Temporal Area. Journal of Neuroscience, 2007, 27, 700-712.	3.6	120
27	A functional link between area MSTd and heading perception based on vestibular signals. Nature Neuroscience, 2007, 10, 1038-1047.	14.8	269
28	Visual and Nonvisual Contributions to Three-Dimensional Heading Selectivity in the Medial Superior Temporal Area. Journal of Neuroscience, 2006, 26, 73-85.	3.6	271