Yong Gu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9306417/publications.pdf

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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	Neural correlates of multisensory cue integration in macaque MSTd. Nature Neuroscience, 2008, 11, 1201-1210.	14.8	497
2	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
3	A functional link between area MSTd and heading perception based on vestibular signals. Nature Neuroscience, 2007, 10, 1038-1047.	14.8	269
4	Perceptual Learning Reduces Interneuronal Correlations in Macaque Visual Cortex. Neuron, 2011, 71, 750-761.	8.1	199
5	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
6	Decoding of MSTd Population Activity Accounts for Variations in the Precision of Heading Perception. Neuron, 2010, 66, 596-609.	8.1	173
7	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
8	Causal Links between Dorsal Medial Superior Temporal Area Neurons and Multisensory Heading Perception. Journal of Neuroscience, 2012, 32, 2299-2313.	3.6	116
9	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
10	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
11	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
12	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
13	Contribution of correlated noise and selective decoding to choice probability measurements in extrastriate visual cortex. ELife, 2014, 3, .	6.0	36
14	Vestibular System and Self-Motion. Frontiers in Cellular Neuroscience, 2018, 12, 456.	3.7	32
15	Vestibular signals in primate cortex for self-motion perception. Current Opinion in Neurobiology, 2018, 52, 10-17.	4.2	31
16	Complementary congruent and opposite neurons achieve concurrent multisensory integration and segregation. ELife, 2019, 8, .	6.0	31
17	Probing Sensory Readout via Combined Choice-Correlation Measures and Microstimulation Perturbation. Neuron, 2018, 100, 715-727.e5.	8.1	29
18	Going with the Flow: The Neural Mechanisms Underlying Illusions of Complex-Flow Motion. Journal of Neuroscience, 2019, 39, 2664-2685.	3.6	24

#	Article	IF	Citations
19	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
20	Distinct spatial coordinate of visual and vestibular heading signals in macaque FEFsem and MSTd. ELife, 2017, 6, .	6.0	20
21	Oculomotor Performances Are Associated With Motor and Non-motor Symptoms in Parkinson's Disease. Frontiers in Neurology, 2018, 9, 960.	2.4	14
22	Robust vestibular self-motion signals in macaque posterior cingulate region. ELife, 2021, 10, .	6.0	13
23	Temporal synchrony effects of optic flow and vestibular inputs on multisensory heading perception. Cell Reports, 2021, 37, 109999.	6.4	12
24	Dynamic Network Communication in the Human Functional Connectome Predicts Perceptual Variability in Visual Illusion. Cerebral Cortex, 2018, 28, 48-62.	2.9	10
25	Cortical Mechanisms of Multisensory Linear Self-motion Perception. Neuroscience Bulletin, 2023, 39, 125-137.	2.9	7
26	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
27	Distributed Representation of Curvilinear Self-Motion in the Macaque Parietal Cortex. Cell Reports, 2016, 15, 1013-1023.	6.4	5
28	Multisensory Integration for Self-Motion Perception. , 2020, , 458-482.		3