

Melanie Wilke

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,931
citations

304743

22
h-index

315739

38
g-index

46
all docs

46
docs citations

46
times ranked

2918
citing authors

#	ARTICLE	IF	CITATIONS
1	No-Report Paradigms: Extracting the True Neural Correlates of Consciousness. Trends in Cognitive Sciences, 2015, 19, 757-770.	7.8	338
2	Stable perception of visually ambiguous patterns. Nature Neuroscience, 2002, 5, 605-609.	14.8	328
3	Blindsight depends on the lateral geniculate nucleus. Nature, 2010, 466, 373-377.	27.8	324
4	Divergence of fMRI and neural signals in V1 during perceptual suppression in the awake monkey. Nature Neuroscience, 2008, 11, 1193-1200.	14.8	272
5	Consciousness in humans and non-human animals: recent advances and future directions. Frontiers in Psychology, 2013, 4, 625.	2.1	170
6	Local field potential reflects perceptual suppression in monkey visual cortex. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17507-17512.	7.1	166
7	Neural activity in the visual thalamus reflects perceptual suppression. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9465-9470.	7.1	152
8	Pulvinar Inactivation Disrupts Selection of Movement Plans. Journal of Neuroscience, 2010, 30, 8650-8659.	3.6	141
9	Generalized Flash Suppression of Salient Visual Targets. Neuron, 2003, 39, 1043-1052.	8.1	102
10	Perception of Temporally Interleaved Ambiguous Patterns. Current Biology, 2003, 13, 1076-1085.	3.9	101
11	Consciousness Regained: Disentangling Mechanisms, Brain Systems, and Behavioral Responses. Journal of Neuroscience, 2017, 37, 10882-10893.	3.6	92
12	Functional imaging reveals rapid reorganization of cortical activity after parietal inactivation in monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8274-8279.	7.1	77
13	Inactivation of the Parietal Reach Region Causes Optic Ataxia, Impairing Reaches but Not Saccades. Neuron, 2012, 76, 1021-1029.	8.1	75
14	Transcranial alternating current stimulation affects the BOLD signal in a frequency and task-dependent manner. Human Brain Mapping, 2016, 37, 94-121.	3.6	62
15	Transcranial alternating current stimulation modulates spontaneous low frequency fluctuations as measured with fMRI. NeuroImage, 2016, 141, 88-107.	4.2	59
16	Visibility states modulate microsaccade rate and direction. Vision Research, 2009, 49, 228-236.	1.4	52
17	Combining brain perturbation and neuroimaging in non-human primates. NeuroImage, 2021, 235, 118017.	4.2	50
18	Effects of Pulvinar Inactivation on Spatial Decision-making between Equal and Asymmetric Reward Options. Journal of Cognitive Neuroscience, 2013, 25, 1270-1283.	2.3	45

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19	Electrical Microstimulation of the Pulvinar Biases Saccade Choices and Reaction Times in a Time-Dependent Manner. <i>Journal of Neuroscience</i> , 2017, 37, 2234-2257.	3.6	44
20	Spatial and Temporal Eye-Hand Coordination Relies on the Parietal Reach Region. <i>Journal of Neuroscience</i> , 2014, 34, 12884-12892.	3.6	43
21	Probing the Link Between Perception and Oscillations: Lessons from Transcranial Alternating Current Stimulation. <i>Neuroscientist</i> , 2020, 26, 57-73.	3.5	37
22	Rhythmic Gamma Stimulation Affects Bistable Perception. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1298-1307.	2.3	33
23	Reach and grasp deficits following damage to the dorsal pulvinar. <i>Cortex</i> , 2018, 99, 135-149.	2.4	22
24	Simultaneous Transcranial Alternating Current Stimulation and Functional Magnetic Resonance Imaging. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	20
25	Post-decision wagering after perceptual judgments reveals bi-directional certainty readouts. <i>Cognition</i> , 2018, 176, 40-52.	2.2	20
26	No-Report and Report-Based Paradigms Jointly Unravel the NCC: Response to Overgaard and Fazekas. <i>Trends in Cognitive Sciences</i> , 2016, 20, 242-243.	7.8	18
27	Structural and quantitative neuroimaging of the common marmoset monkey using a clinical MRI system. <i>Journal of Neuroscience Methods</i> , 2013, 215, 121-131.	2.5	16
28	Eye position signals in the dorsal pulvinar during fixation and goal-directed saccades. <i>Journal of Neurophysiology</i> , 2020, 123, 367-391.	1.8	12
29	Effective connectivity and spatial selectivity-dependent fMRI changes elicited by microstimulation of pulvinar and LIP. <i>NeuroImage</i> , 2021, 240, 118283.	4.2	11
30	Sarcoidosis Manifestation Centered on the Thalamic Pulvinar Leading to Persistent Astasia. <i>Movement Disorders Clinical Practice</i> , 2017, 4, 898-900.	1.5	9
31	Extracting Robust Biomarkers From Multichannel EEG Time Series Using Nonlinear Dimensionality Reduction Applied to Ordinal Pattern Statistics and Spectral Quantities. <i>Frontiers in Physiology</i> , 2020, 11, 614565.	2.8	9
32	Thalamus exhibits less sensory variability quenching than cortex. <i>Scientific Reports</i> , 2019, 9, 7590.	3.3	8
33	Aberrant functional connectivity of resting state networks related to misperceptions and intra-individual variability in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2020, 25, 102076.	2.7	7
34	Detection of Transcranial Alternating Current Stimulation Aftereffects Is Improved by Considering the Individual Electric Field Strength and Self-Rated Sleepiness. <i>Frontiers in Neuroscience</i> , 0, 16, .	2.8	5
35	Neuroimaging: Seeing the Trees for the Forest. <i>Current Biology</i> , 2005, 15, R766-R768.	3.9	2
36	Trunk rotation affects temporal order judgments with direct saccades: Influence of handedness. <i>Neuropsychologia</i> , 2015, 79, 123-137.	1.6	2

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37	Trunk rotation and handedness modulate cortical activation in neglect-associated regions during temporal order judgments. <i>NeuroImage: Clinical</i> , 2019, 23, 101898.	2.7	2
38	Reduced alpha amplitudes predict perceptual suppression. <i>Scientific Reports</i> , 2021, 11, 13040.	3.3	2
39	The effect of subliminal incentives on goal-directed eye movements. <i>Journal of Neurophysiology</i> , 2021, 126, 2014-2026.	1.8	1
40	Experimentelle Modelle für räumlichen Neglect (Studien in humanen und nicht-humanen Primaten). <i>E-Neuroforum</i> , 2012, 18, 178-189.	0.1	0