

Matthew J Nelson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3508828/publications.pdf>

Version: 2024-02-01

19
papers

1,520
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

2047
citing authors

#	ARTICLE	IF	CITATIONS
1	Free choice activates a decision circuit between frontal and parietal cortex. <i>Nature</i> , 2008, 453, 406-409.	27.8	390
2	Dorsal Premotor Neurons Encode the Relative Position of the Hand, Eye, and Goal during Reach Planning. <i>Neuron</i> , 2006, 51, 125-134.	8.1	309
3	Neurophysiological dynamics of phrase-structure building during sentence processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3669-E3678.	7.1	203
4	Review of signal distortion through metal microelectrode recording circuits and filters. <i>Journal of Neuroscience Methods</i> , 2008, 169, 141-157.	2.5	151
5	Visual and motor connectivity and the distribution of calcium-binding proteins in macaque frontal eye field: Implications for saccade target selection. <i>Frontiers in Neuroanatomy</i> , 2009, 3, 2.	1.7	103
6	Do Electrode Properties Create a Problem in Interpreting Local Field Potential Recordings?. <i>Journal of Neurophysiology</i> , 2010, 103, 2315-2317.	1.8	71
7	Nonindependent and nonstationary response times in stopping and stepping saccade tasks. <i>Attention, Perception, and Psychophysics</i> , 2010, 72, 1913-1929.	1.3	63
8	Intracellular Impedance Measurements Reveal Non-ohmic Properties of the Extracellular Medium around Neurons. <i>Biophysical Journal</i> , 2016, 110, 234-246.	0.5	48
9	A Relative Position Code for Saccades in Dorsal Premotor Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 6527-6537.	3.6	46
10	Word comprehension in temporal cortex and Wernicke area. <i>Neurology</i> , 2019, 92, e224-e233.	1.1	33
11	Microscale Inhomogeneity of Brain Tissue Distorts Electrical Signal Propagation. <i>Journal of Neuroscience</i> , 2013, 33, 2821-2827.	3.6	23
12	Comparison of endoscopy and radiographic imaging for detection of esophageal inflammation and remodeling in adults with eosinophilic esophagitis. <i>Gastrointestinal Endoscopy</i> , 2018, 87, 962-968.	1.0	20
13	Preferential Disruption of Auditory Word Representations in Primary Progressive Aphasia With the Neuropathology of FTL-D-TDP Type A. <i>Cognitive and Behavioral Neurology</i> , 2019, 32, 46-53.	0.9	14
14	Physical model of coherent potentials measured with different electrode recording site sizes. <i>Journal of Neurophysiology</i> , 2012, 107, 1291-1300.	1.8	13
15	Neural control of visual search by frontal eye field: chronometry of neural events and race model processes. <i>Journal of Neurophysiology</i> , 2016, 115, 1954-1969.	1.8	12
16	Magnitude and behavior of cross-talk effects in multichannel electrophysiology experiments. <i>Journal of Neurophysiology</i> , 2017, 118, 574-594.	1.8	9
17	Entropy Reduction correlates with temporal lobe activity. , 2017, , .		6
18	Inadequate colonoscopy preparation: Is it time to send out anÂSMS?. <i>Gastrointestinal Endoscopy</i> , 2019, 89, 514-517.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Microscale impedance measurements suggest that ionic diffusion is implicated in generating extracellular potentials. BMC Neuroscience, 2014, 15, .	1.9	2