

Michael J Goard

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,904
citations

840119

11
h-index

887659

17
g-index

29
all docs

29
docs citations

29
times ranked

2411
citing authors

#	ARTICLE	IF	CITATIONS
1	Basal forebrain activation enhances cortical coding of natural scenes. <i>Nature Neuroscience</i> , 2009, 12, 1444-1449.	7.1	500
2	Fast modulation of visual perception by basal forebrain cholinergic neurons. <i>Nature Neuroscience</i> , 2013, 16, 1857-1863.	7.1	489
3	Imaging Neural Activity Using Thy1-GCaMP Transgenic Mice. <i>Neuron</i> , 2012, 76, 297-308.	3.8	207
4	Distinct roles of visual, parietal, and frontal motor cortices in memory-guided sensorimotor decisions. <i>ELife</i> , 2016, 5, .	2.8	183
5	Dysfunction of cortical GABAergic neurons leads to sensory hyper-reactivity in a Shank3 mouse model of ASD. <i>Nature Neuroscience</i> , 2020, 23, 520-532.	7.1	115
6	Task-dependent representations of stimulus and choice in mouse parietal cortex. <i>Nature Communications</i> , 2018, 9, 2596.	5.8	103
7	Stimulus-dependent representational drift in primary visual cortex. <i>Nature Communications</i> , 2021, 12, 5169.	5.8	73
8	Light-Mediated Inhibition of Protein Synthesis. <i>Chemistry and Biology</i> , 2005, 12, 685-693.	6.2	64
9	Distributed and retinotopically asymmetric processing of coherent motion in mouse visual cortex. <i>Nature Communications</i> , 2020, 11, 3565.	5.8	40
10	Neural mechanisms of sensorimotor transformation and action selection. <i>European Journal of Neuroscience</i> , 2019, 49, 1055-1060.	1.2	23
11	A distributed circuit for associating environmental context with motor choice in retrosplenial cortex. <i>Science Advances</i> , 2021, 7, .	4.7	23
12	Stable representation of a naturalistic movie emerges from episodic activity with gain variability. <i>Nature Communications</i> , 2021, 12, 5170.	5.8	18
13	Sub-microliter DNA sequencing for capillary array electrophoresis. <i>Journal of Chromatography A</i> , 2000, 894, 191-201.	1.8	14
14	Retinoic acid inhibitors mitigate vision loss in a mouse model of retinal degeneration. <i>Science Advances</i> , 2022, 8, eabm4643.	4.7	13
15	Long-term transverse imaging of the hippocampus with glass microperiscopes. <i>ELife</i> , 0, 11, .	2.8	8
16	Diverse coactive neurons encode stimulus-driven and stimulus-independent variables. <i>Journal of Neurophysiology</i> , 2020, 124, 1505-1517.	0.9	2