

James H Marshel

List of Publications by Year in descending order

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15
papers

3,327
citations

759233

12
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1125743

13
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16
all docs

16
docs citations

16
times ranked

4486
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendritic calcium signals in rhesus macaque motor cortex drive an optical brain-computer interface. Nature Communications, 2021, 12, 3689.	12.8	38
2	Cortical layer-specific critical dynamics triggering perception. Science, 2019, 365, .	12.6	447
3	Interacting neural ensembles in orbitofrontal cortex for social and feeding behaviour. Nature, 2019, 565, 645-649.	27.8	165
4	Feasibility analysis of genetically-encoded calcium indicators as a neural signal source for all-optical brain-machine interfaces. , 2017, , .		4
5	Extended Field-of-view and Increased-signal 3D Holographic Illumination with Time-division Multiplexing. , 2016, , .		0
6	Extended field-of-view and increased-signal 3D holographic illumination with time-division multiplexing. Optics Express, 2015, 23, 32573.	3.4	55
7	Closed-Loop and Activity-Guided Optogenetic Control. Neuron, 2015, 86, 106-139.	8.1	328
8	Projections from neocortex mediate top-down control of memory retrieval. Nature, 2015, 526, 653-659.	27.8	376
9	Topography and Areal Organization of Mouse Visual Cortex. Journal of Neuroscience, 2014, 34, 12587-12600.	3.6	295
10	Genetically encoded voltage sensor goes live. Nature Biotechnology, 2013, 31, 994-995.	17.5	5
11	Diverging neural pathways assemble a behavioural state from separable features in anxiety. Nature, 2013, 496, 219-223.	27.8	543
12	Anterior-Posterior Direction Opponency in the Superficial Mouse Lateral Geniculate Nucleus. Neuron, 2012, 76, 713-720.	8.1	152
13	New Rabies Virus Variants for Monitoring and Manipulating Activity and Gene Expression in Defined Neural Circuits. Neuron, 2011, 71, 617-631.	8.1	296
14	Functional Specialization of Seven Mouse Visual Cortical Areas. Neuron, 2011, 72, 1040-1054.	8.1	422
15	Targeting Single Neuronal Networks for Gene Expression and Cell Labeling In Vivo. Neuron, 2010, 67, 562-574.	8.1	196