

Peter Saggau

List of Publications by Year in descending order

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11
papers

883
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1305
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(ethylenimine)-mediated transfection: A new paradigm for gene delivery. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 51, 321-328.	3.1	293
2	Population code in mouse V1 facilitates readout of natural scenes through increased sparseness. <i>Nature Neuroscience</i> , 2014, 17, 851-857.	14.8	167
3	Fast Functional Imaging of Single Neurons Using Random-Access Multiphoton (RAMP) Microscopy. <i>Journal of Neurophysiology</i> , 2006, 95, 535-545.	1.8	136
4	Presynaptic inhibition of synaptic transmission in the rat hippocampus by activation of muscarinic receptors: involvement of presynaptic calcium influx. <i>British Journal of Pharmacology</i> , 1997, 122, 511-519.	5.4	70
5	New methods and uses for fast optical scanning. <i>Current Opinion in Neurobiology</i> , 2006, 16, 543-550.	4.2	54
6	Modulation of Transmitter Release by Action Potential Duration at the Hippocampal CA3-CA1 Synapse. <i>Journal of Neurophysiology</i> , 1999, 81, 288-298.	1.8	45
7	Task Learning Promotes Plasticity of Interneuron Connectivity Maps in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2016, 36, 8856-8871.	3.6	38
8	Developmental broadening of inhibitory sensory maps. <i>Nature Neuroscience</i> , 2017, 20, 189-199.	14.8	36
9	Activity-dependent modulation of K ⁺ currents at presynaptic terminals of mammalian central synapses. <i>Journal of Physiology</i> , 1999, 519, 427-437.	2.9	20
10	Imaging of 4-AP-Induced, GABA _A -Dependent Spontaneous Synchronized Activity Mediated by the Hippocampal Interneuron Network. <i>Journal of Neurophysiology</i> , 2001, 86, 381-391.	1.8	19
11	Poly(ethylenimine)-mediated transfection: A new paradigm for gene delivery. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 51, 321-328.	3.1	5