

Jatin Nagpal

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

402
citations

1163117

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1372567

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g-index

12
all docs

12
docs citations

12
times ranked

628
citing authors

#	ARTICLE	IF	CITATIONS
1	Optogenetic tools for manipulation of cyclic nucleotides functionally coupled to cyclic nucleotide-gated channels. <i>British Journal of Pharmacology</i> , 2022, 179, 2519-2537.	5.4	6
2	Microbial Rhodopsin Optogenetic Tools: Application for Analyses of Synaptic Transmission and of Neuronal Network Activity in Behavior. <i>Methods in Molecular Biology</i> , 2022, 2468, 89-115.	0.9	0
3	Host genetics, the microbiome & behaviour – a “Holobiont” perspective. <i>Cell Research</i> , 2021, 31, 832-833.	12.0	14
4	Wrapping Things Up: Recent Developments in Understanding the Role of the Microbiome in Regulating Myelination. <i>Current Opinion in Physiology</i> , 2021, 23, 100468.	1.8	7
5	Microbiota-brain interactions: Moving toward mechanisms in model organisms. <i>Neuron</i> , 2021, 109, 3930-3953.	8.1	54
6	Anatomy, development, and plasticity of the neurosecretory hypothalamus in zebrafish. <i>Cell and Tissue Research</i> , 2019, 375, 5-22.	2.9	26
7	Using a Robust and Sensitive GFP-Based cGMP Sensor for Real-Time Imaging in Intact <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2019, 213, 59-77.	2.9	23
8	Photoswitchable diacylglycerols enable optical control of protein kinase C. <i>Nature Chemical Biology</i> , 2016, 12, 755-762.	8.0	112
9	Microbial Rhodopsin Optogenetic Tools: Application for Analyses of Synaptic Transmission and of Neuronal Network Activity in Behavior. <i>Methods in Molecular Biology</i> , 2015, 1327, 87-103.	0.9	14
10	AzoCholine Enables Optical Control of Alpha 7 Nicotinic Acetylcholine Receptors in Neural Networks. <i>ACS Chemical Neuroscience</i> , 2015, 6, 701-707.	3.5	49
11	Optogenetic manipulation of cGMP in cells and animals by the tightly light-regulated guanylyl-cyclase opsin CyclOp. <i>Nature Communications</i> , 2015, 6, 8046.	12.8	95