

Shalaka Mulherkar

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

666
citations

933447

10
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

1274
citing authors

#	ARTICLE	IF	CITATIONS
1	Rac-maninoff and Rho-vel: The symphony of Rho-GTPase signaling at excitatory synapses. <i>Small GTPases</i> , 2022, 13, 14-47.	1.6	9
2	Phenotypic variation of transcriptomic cell types in mouse motor cortex. <i>Nature</i> , 2021, 598, 144-150.	27.8	196
3	The Rac-GEF Tiam1 Promotes Dendrite and Synapse Stabilization of Dentate Granule Cells and Restricts Hippocampal-Dependent Memory Functions. <i>Journal of Neuroscience</i> , 2021, 41, 1191-1206.	3.6	15
4	RhoA-ROCK Signaling as a Therapeutic Target in Traumatic Brain Injury. <i>Cells</i> , 2020, 9, 245.	4.1	108
5	Cell type composition and circuit organization of clonally related excitatory neurons in the juvenile mouse neocortex. <i>ELife</i> , 2020, 9, .	6.0	37
6	The adhesion-GPCR BAI1 shapes dendritic arbors via Bcr-mediated RhoA activation causing late growth arrest. <i>ELife</i> , 2019, 8, .	6.0	16
7	Memantine prevents acute radiation-induced toxicities at hippocampal excitatory synapses. <i>Neuro-Oncology</i> , 2018, 20, 655-665.	1.2	40
8	RhoA-ROCK Inhibition Reverses Synaptic Remodeling and Motor and Cognitive Deficits Caused by Traumatic Brain Injury. <i>Scientific Reports</i> , 2017, 7, 10689.	3.3	53
9	Mechanisms for spatiotemporal regulation of Rho-GTPase signaling at synapses. <i>Neuroscience Letters</i> , 2015, 601, 4-10.	2.1	56
10	Dynamic Control of Excitatory Synapse Development by a Rac1 GEF/GAP Regulatory Complex. <i>Developmental Cell</i> , 2014, 29, 701-715.	7.0	69
11	The small GTPases RhoA and Rac1 regulate cerebellar development by controlling cell morphogenesis, migration and foliation. <i>Developmental Biology</i> , 2014, 394, 39-53.	2.0	32
12	The Small GTPase RhoA Is Required for Proper Locomotor Circuit Assembly. <i>PLoS ONE</i> , 2013, 8, e67015.	2.5	16