

Robert P Machold

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,651
citations

567144

15
h-index

839398

18
g-index

24
all docs

24
docs citations

24
times ranked

4302
citing authors

#	ARTICLE	IF	CITATIONS
1	Sonic Hedgehog Is Required for Progenitor Cell Maintenance in Telencephalic Stem Cell Niches. <i>Neuron</i> , 2003, 39, 937-950.	3.8	651
2	Genetic Fate Mapping Reveals That the Caudal Ganglionic Eminence Produces a Large and Diverse Population of Superficial Cortical Interneurons. <i>Journal of Neuroscience</i> , 2010, 30, 1582-1594.	1.7	478
3	Developmental diversification of cortical inhibitory interneurons. <i>Nature</i> , 2018, 555, 457-462.	13.7	393
4	Insulin enhances striatal dopamine release by activating cholinergic interneurons and thereby signals reward. <i>Nature Communications</i> , 2015, 6, 8543.	5.8	210
5	Innovations present in the primate interneuron repertoire. <i>Nature</i> , 2020, 586, 262-269.	13.7	206
6	Four Unique Interneuron Populations Reside in Neocortical Layer 1. <i>Journal of Neuroscience</i> , 2019, 39, 125-139.	1.7	131
7	<i>Prox1</i> Regulates the Subtype-Specific Development of Caudal Ganglionic Eminence-Derived GABAergic Cortical Interneurons. <i>Journal of Neuroscience</i> , 2015, 35, 12869-12889.	1.7	104
8	Single-cell delineation of lineage and genetic identity in the mouse brain. <i>Nature</i> , 2022, 601, 404-409.	13.7	93
9	Antagonism between Notch and bone morphogenetic protein receptor signaling regulates neurogenesis in the cerebellar rhombic lip. <i>Neural Development</i> , 2007, 2, 5.	1.1	78
10	Neocortical Layer 1: An Elegant Solution to Top-Down and Bottom-Up Integration. <i>Annual Review of Neuroscience</i> , 2021, 44, 221-252.	5.0	57
11	Developmental specification of forebrain cholinergic neurons. <i>Developmental Biology</i> , 2017, 421, 1-7.	0.9	56
12	Sleep down state-active ID2/Nrx2.1 interneurons in the neocortex. <i>Nature Neuroscience</i> , 2021, 24, 401-411.	7.1	46
13	FoxG1 regulates the formation of cortical GABAergic circuit during an early postnatal critical period resulting in autism spectrum disorder-like phenotypes. <i>Nature Communications</i> , 2021, 12, 3773.	5.8	30
14	Bottom-up inputs are required for establishment of top-down connectivity onto cortical layer 1 neurogliaform cells. <i>Neuron</i> , 2021, 109, 3473-3485.e5.	3.8	30
15	Conserved properties of <i>Drosophila</i> Insomniac link sleep regulation and synaptic function. <i>PLoS Genetics</i> , 2017, 13, e1006815.	1.5	26
16	Cellular birthdate predicts laminar and regional cholinergic projection topography in the forebrain. <i>ELife</i> , 2020, 9, .	2.8	20
17	Loss of rostral brainstem cholinergic activity results in decreased ultrasonic vocalization behavior and altered sensorimotor gating. <i>Behavioural Brain Research</i> , 2013, 256, 51-55.	1.2	8
18	Math1: Waiting to Inhale. <i>Neuron</i> , 2009, 64, 293-295.	3.8	1