

Amparo Acker-Palmer

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,893
citations

430874

18
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

3278
citing authors

#	ARTICLE	IF	CITATIONS
1	Ephrin-B2 regulates VEGFR2 function in developmental and tumour angiogenesis. <i>Nature</i> , 2010, 465, 487-491.	27.8	480
2	Ephrin Bs are essential components of the Reelin pathway to regulate neuronal migration. <i>Nature</i> , 2011, 472, 356-360.	27.8	134
3	Grb4 and GIT1 transduce ephrinB reverse signals modulating spine morphogenesis and synapse formation. <i>Nature Neuroscience</i> , 2007, 10, 301-310.	14.8	130
4	Bloodâ€“Brain Barrier Dynamics to Maintain Brain Homeostasis. <i>Trends in Neurosciences</i> , 2021, 44, 393-405.	8.6	119
5	FLRT Structure: Balancing Repulsion and Cell Adhesion in Cortical and Vascular Development. <i>Neuron</i> , 2014, 84, 370-385.	8.1	117
6	Endothelial Dab1 signaling orchestrates neuro-glia-vessel communication in the central nervous system. <i>Science</i> , 2018, 361, .	12.6	108
7	Serine phosphorylation of ephrinB2 regulates trafficking of synaptic AMPA receptors. <i>Nature Neuroscience</i> , 2008, 11, 1035-1043.	14.8	100
8	AMPA receptors and their minions: auxiliary proteins in AMPA receptor trafficking. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2133-2169.	5.4	78
9	Preparation of retinal explant cultures to study ex vivo tip endothelial cell responses. <i>Nature Protocols</i> , 2010, 5, 1659-1665.	12.0	72
10	Ceramide Levels Regulated by Carnitine Palmitoyltransferase 1C Control Dendritic Spine Maturation and Cognition. <i>Journal of Biological Chemistry</i> , 2012, 287, 21224-21232.	3.4	71
11	Neurovascular Interactions in the Nervous System. <i>Annual Review of Cell and Developmental Biology</i> , 2019, 35, 615-635.	9.4	67
12	Loss of PHD3 allows tumours to overcome hypoxic growth inhibition and sustain proliferation through EGFR. <i>Nature Communications</i> , 2014, 5, 5582.	12.8	61
13	The GRIP1/14-3-3 Pathway Coordinates Cargo Trafficking and Dendrite Development. <i>Developmental Cell</i> , 2014, 28, 381-393.	7.0	55
14	PHD3 regulates EGFR internalization and signalling in tumours. <i>Nature Communications</i> , 2014, 5, 5577.	12.8	48
15	Neurovascular crosstalk coordinates the central nervous system development. <i>Current Opinion in Neurobiology</i> , 2021, 69, 202-213.	4.2	40
16	Antibody-mediated neutralization of myelin-associated EphrinB3 accelerates CNS remyelination. <i>Acta Neuropathologica</i> , 2016, 131, 281-298.	7.7	37
17	Disruption of the Microglial ADP Receptor P2Y13 Enhances Adult Hippocampal Neurogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 134.	3.7	35
18	A vascular perspective on neuronal migration. <i>Mechanisms of Development</i> , 2015, 138, 17-25.	1.7	31

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19	GRIP1 Binds to ApoER2 and EphrinB2 to Induce Activity-Dependent AMPA Receptor Insertion at the Synapse. <i>Cell Reports</i> , 2017, 21, 84-96.	6.4	22
20	EVL regulates VEGF receptor α 2 internalization and signaling in developmental angiogenesis. <i>EMBO Reports</i> , 2021, 22, e48961.	4.5	19
21	VEGF/VEGFR2 signaling regulates hippocampal axon branching during development. <i>ELife</i> , 2019, 8, .	6.0	19
22	Vascular Regulation of Developmental Neurogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 890852.	3.7	19
23	EphrinB2 regulates VEGFR2 during dendritogenesis and hippocampal circuitry development. <i>ELife</i> , 2019, 8, .	6.0	17
24	EphrinB2 and GRIP1 stabilize mushroom spines during denervation-induced homeostatic plasticity. <i>Cell Reports</i> , 2021, 34, 108923.	6.4	9
25	Regional Specializations of the PAZ Proteomes Derived from Mouse Hippocampus, Olfactory Bulb and Cerebellum. <i>Proteomes</i> , 2015, 3, 74-88.	3.5	5