

Stephanie L Gupton

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,186
citations

331670

21
h-index

477307

29
g-index

89
all docs

89
docs citations

89
times ranked

3119
citing authors

#	ARTICLE	IF	CITATIONS
1	The Growth Cone Cytoskeleton in Axon Outgrowth and Guidance. Cold Spring Harbor Perspectives in Biology, 2011, 3, a001800-a001800.	5.5	504
2	Filopodia are required for cortical neurite initiation. Nature Cell Biology, 2007, 9, 1347-1359.	10.3	276
3	Filopodia: The Fingers That Do the Walking. Science's STKE: Signal Transduction Knowledge Environment, 2007, 2007, re5.	3.9	205
4	Integrin Signaling Switches the Cytoskeletal and Exocytic Machinery that Drives Neuritogenesis. Developmental Cell, 2010, 18, 725-736.	7.0	152
5	Revisiting Netrin-1: One Who Guides (Axons). Frontiers in Cellular Neuroscience, 2018, 12, 221.	3.7	131
6	A novel Netrin-1-sensitive mechanism promotes local SNARE-mediated exocytosis during axon branching. Journal of Cell Biology, 2014, 205, 217-232.	5.2	83
7	Primary Cilia Signaling Promotes Axonal Tract Development and Is Disrupted in Joubert Syndrome-Related Disorders Models. Developmental Cell, 2019, 51, 759-774.e5.	7.0	75
8	Ena/VASP regulates mDia2-initiated filopodial length, dynamics, and function. Molecular Biology of the Cell, 2014, 25, 2604-2619.	2.1	73
9	Mena binds β 5 integrin directly and modulates β 5 function. Journal of Cell Biology, 2012, 198, 657-676.	5.2	56
10	Mechanistic advances in axon pathfinding. Current Opinion in Cell Biology, 2020, 63, 11-19.	5.4	52
11	<i>Trim9</i> Deletion Alters the Morphogenesis of Developing and Adult-Born Hippocampal Neurons and Impairs Spatial Learning and Memory. Journal of Neuroscience, 2016, 36, 4940-4958.	3.6	51
12	Building Blocks of Functioning Brain: Cytoskeletal Dynamics in Neuronal Development. International Review of Cell and Molecular Biology, 2016, 322, 183-245.	3.2	49
13	Mammalian TRIM67 Functions in Brain Development and Behavior. ENeuro, 2018, 5, ENEURO.0186-18.2018.	1.9	48
14	Spatiotemporal organization of exocytosis emerges during neuronal shape change. Journal of Cell Biology, 2018, 217, 1113-1128.	5.2	44
15	TRIM9 and TRIM67 Are New Targets in Paraneoplastic Cerebellar Degeneration. Cerebellum, 2019, 18, 245-254.	2.5	44
16	TRIM9-Mediated Resolution of Neuroinflammation Confers Neuroprotection upon Ischemic Stroke in Mice. Cell Reports, 2019, 27, 549-560.e6.	6.4	43
17	TRIM9-dependent ubiquitination of DCC constrains kinase signaling, exocytosis, and axon branching. Molecular Biology of the Cell, 2017, 28, 2374-2385.	2.1	40
18	Beyond the cytoskeleton: The emerging role of organelles and membrane remodeling in the regulation of axon collateral branches. Developmental Neurobiology, 2016, 76, 1293-1307.	3.0	35

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19	A pair of E3 ubiquitin ligases compete to regulate filopodial dynamics and axon guidance. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	33
20	SNARE-Mediated Exocytosis in Neuronal Development. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 133.	2.9	32
21	Recent advances in branching mechanisms underlying neuronal morphogenesis. <i>F1000Research</i> , 2018, 7, 1779.	1.6	30
22	Membrane Trafficking in Neuronal Development: Ins and Outs of Neural Connectivity. <i>International Review of Cell and Molecular Biology</i> , 2016, 322, 247-280.	3.2	28
23	The TRIM9/TRIM67 neuronal interactome reveals novel activators of morphogenesis. <i>Molecular Biology of the Cell</i> , 2021, 32, 314-330.	2.1	21
24	Vinculin and metavinculin exhibit distinct effects on focal adhesion properties, cell migration, and mechanotransduction. <i>PLoS ONE</i> , 2019, 14, e0221962.	2.5	19
25	Glycosylation in Axonal Guidance. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5143.	4.1	15
26	TRIM67 regulates exocytic mode and neuronal morphogenesis via SNAP47. <i>Cell Reports</i> , 2021, 34, 108743.	6.4	14
27	Schizophrenia-Linked Protein tSNARE1 Regulates Endosomal Trafficking in Cortical Neurons. <i>Journal of Neuroscience</i> , 2021, 41, 9466-9481.	3.6	10
28	Utilizing Combined Methodologies to Define the Role of Plasma Membrane Delivery During Axon Branching and Neuronal Morphogenesis. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	7
29	Automated Detection and Analysis of Exocytosis. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	3
30	Endosomal trafficking in schizophrenia. <i>Current Opinion in Neurobiology</i> , 2022, 74, 102539.	4.2	3
31	Seeing Past Cellular Adaptation. <i>Cell Systems</i> , 2015, 1, 16-17.	6.2	0
32	Actin dynamics and function. <i>Molecular Biology of the Cell</i> , 2018, 29, 696-697.	2.1	0
33	Neurons Establishing and Maintaining Neuron Morphology. , 2021, , 345-357.		0
34	The ubiquitylome of developing cortical neurons. <i>MicroPublication Biology</i> , 2020, 2020, .	0.1	0