Claudia A O Stuermer

List of Publications by Year
in descending order

63	3,663	117625	144013
papers	citations	34 h-index	57 g-index

64	64	64	3190
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Substrate properties of zebrafish Rtn4b/Nogo and axon regeneration in the zebrafish optic nerve. Journal of Comparative Neurology, 2017, 525, 2991-3009.	1.6	12
2	Reggie-1 and reggie-2 (flotillins) participate in Rab11a-dependent cargo trafficking, spine synapse formation and LTP-related AMPA receptor (GluA1) surface exposure in mouse hippocampal neurons. Experimental Neurology, 2017, 289, 31-45.	4.1	38
3	Creâ€inducible siteâ€specific recombination in zebrafish oligodendrocytes. Developmental Dynamics, 2017, 246, 41-49.	1.8	15
4	Super Resolution Fluorescence Microscopy and Tracking of Bacterial Flotillin (Reggie) Paralogs Provide Evidence for Defined-Sized Protein Microdomains within the Bacterial Membrane but Absence of Clusters Containing Detergent-Resistant Proteins. PLoS Genetics, 2016, 12, e1006116.	3.5	44
5	Upregulation of the zebrafish Nogo-A homologue, Rtn4b, in retinal ganglion cells is functionally involved in axon regeneration. Neural Development, 2015, 10, 6.	2.4	16
6	Reggie-1/Flotillin-2 regulates integrin trafficking and focal adhesion turnover via Rab11a. European Journal of Cell Biology, 2015, 94, 531-545.	3.6	23
7	Upregulation of reggie-1/flotillin-2 promotes axon regeneration in the rat optic nerve in vivo and neurite growth in vitro. Neurobiology of Disease, 2013, 51, 168-176.	4.4	33
8	Identification, Localization, and Functional Implications of the Microdomain-Forming Stomatin Family in the Ciliated Protozoan Paramecium tetraurelia. Eukaryotic Cell, 2013, 12, 529-544.	3.4	20
9	Reggies/flotillins interact with Rab11a and SNX4 at the tubulovesicular recycling compartment and function in transferrin receptor and E-cadherin trafficking. Molecular Biology of the Cell, 2013, 24, 2689-2702.	2.1	74
10	Conserved Roles of the Prion Protein Domains on Subcellular Localization and Cell-Cell Adhesion. PLoS ONE, 2013, 8, e70327.	2.5	16
11	Reggies/flotillins regulate E-cadherinâ€“mediated cell contact formation by affecting EGFR trafficking. Molecular Biology of the Cell, 2012, 23, 1812-1825.	2.1	57
12	How reggies regulate regeneration and axon growth. Cell and Tissue Research, 2012, 349, 71-77.	2.9	21
13	Microdomain-forming proteins and the role of the reggies/flotillins during axon regeneration in zebrafish. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 415-422.	3.8	27
14	Reggie/flotillin and the targeted delivery of cargo. Journal of Neurochemistry, 2011, 116, 708-713.	3.9	60
15	Prion Protein Promotes Growth Cone Development through Reggie/Flotillin-Dependent N-Cadherin Trafficking. Journal of Neuroscience, 2011, 31, 18013-18025.	3.6	43
16	Origin of Nogo-A by Domain Shuffling in an Early Jawed Vertebrate. Molecular Biology and Evolution, 2011, 28, 1363-1370.	8.9	14
17	The reggie/flotillin connection to growth. Trends in Cell Biology, 2010, 20, 6-13.	7.9	91
18	Cellular roles of the prion protein in association with reggie/flotillin microdomains. Frontiers in Bioscience - Landmark, 2010, 15, 1075.	3.0	17

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19	Regulation of Embryonic Cell Adhesion by the Prion Protein. PLoS Biology, 2009, 7, e1000055.	5.6	184
20	Reggies/Flotillins Regulate Retinal Axon Regeneration in the Zebrafish Optic Nerve and Differentiation of Hippocampal and N2a Neurons. Journal of Neuroscience, 2009, 29, 6607-6615.	3.6	90
21	No Nogo66- and NgR-Mediated Inhibition of Regenerating Axons in the Zebrafish Optic Nerve. Journal of Neuroscience, 2009, 29, 15489-15498.	3.6	41
22	Evolution of prokaryotic SPFH proteins. BMC Evolutionary Biology, 2009, 9, 10.	3.2	49
23	Regulation of focal adhesion formation and filopodia extension by the cellular prion protein (PrPC). FEBS Letters, 2009, 583, 389-393.	2.8	36
24	Immunolocalisation of PrPSc in scrapie-infected N2a mouse neuroblastoma cells by light and electron microscopy. European Journal of Cell Biology, 2009, 88, 45-63.	3.6	84
25	Zebrafish neurolinâ€a and â€b, orthologs of ALCAM, are involved in retinal ganglion cell differentiation and retinal axon pathfinding. Journal of Comparative Neurology, 2009, 513, 38-50.	1.6	31
26	Reggie-1/flotillin-2 promotes secretion of the long-range signalling forms of Wingless and Hedgehog in Drosophila. EMBO Journal, 2008, 27, 509-521.	7.8	100
27	Trafficking of the microdomain scaffolding protein reggie-1/flotillin-2. European Journal of Cell Biology, 2008, 87, 211-226.	3.6	94
28	Reggies/flotillins regulate cytoskeletal remodeling during neuronal differentiation via CAP/ponsin and Rho GTPases. European Journal of Cell Biology, 2008, 87, 921-931.	3.6	43
29	Reggie/flotillin proteins are organized into stable tetramers in membrane microdomains. Biochemical Journal, 2007, 403, 313-322.	3.7	180
30	Linking membrane microdomains to the cytoskeleton: Regulation of the lateral mobility of reggieâ€1/flotillinâ€2 by interaction with actin. FEBS Letters, 2007, 581, 4697-4703.	2.8	90
31	Preformed reggie/flotillin caps: stable priming platforms for macrodomain assembly in T cells. FASEB Journal, 2006, 20, 711-713.	0.5	52
32	Disparate evolution of prion protein domains and the distinct origin of Doppelâ€•and prionâ€•related loci revealed by fishâ€toâ€•mammal comparisons. FASEB Journal, 2006, 20, 317-319.	0.5	81
33	Restricted expression ofreggiegenes and proteins during early zebrafish development. Journal of Comparative Neurology, 2005, 482, 257-272.	1.6	19
34	Analysis of the Reticulon Gene Family Demonstrates the Absence of the Neurite Growth Inhibitor Nogo-A in Fish. Molecular Biology and Evolution, 2005, 22, 1635-1648.	8.9	64
35	The neuronal growth and regeneration associated Cntn1 (F3/F11/Contactin) gene is duplicated in fish: expression during development and retinal axon regeneration. Molecular and Cellular Neurosciences, 2005, 28, 361-374.	2.2	45
36	Loss- and gain-of-function analysis of the lipid raft proteins Reggie/Flotillin in Drosophila: They are posttranslationally regulated, and misexpression interferes with wing and eye development. Molecular and Cellular Neurosciences, 2005, 30, 326-338.	2.2	43

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37	The 'lipid raft' microdomain proteins reggie-1 and reggie-2 (flotillins) are scaffolds for protein interaction and signalling.. Biochemical Society Symposia, 2005, 72, 109-118.	2.7	46
38	Evolutionary Analysis and Expression of Teleost Thy-1. Zebrafish, 2004, 1, 191-201.	1.1	4
39	Identification of Nogo-66 Receptor (NgR) and Homologous Genes in Fish. Molecular Biology and Evolution, 2004, 21, 76-85.	8.9	32
40	PrP c capping in T cells promotes its association with the lipid raft proteins reggieâ€1 and reggieâ€2 and leads to signal transduction. FASEB Journal, 2004, 18, 1731-1733.	0.5	130
41	Membrane and raft association of reggie-1/flotillin-2: role of myristoylation, palmitoylation and oligomerization and induction of filopodia by overexpression. Biochemical Journal, 2004, 378, 509-518.	3.7	227
42	Identification of two nogo/rtn4 genes and analysis of Nogo-A expression in Xenopus laevis. Molecular and Cellular Neurosciences, 2004, 25, 205-216.	2.2	32
43	Identification of teleost Thy-1 and association with the microdomain/lipid raft reggie proteins in regenerating CNS axons. Molecular and Cellular Neurosciences, 2003, 22, 544-554.	2.2	24
44	A reticular rhapsody: phylogenic evolution and nomenclature of theRTN/Nogogene family¹. FASEB Journal, 2003, 17, 1238-1247.	0.5	149
45	Asymmetric localization of flotillins/reggies in preassembled platforms confers inherent polarity to hematopoietic cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8241-8246.	7.1	131
46	Cloning, expression, and alternative splicing of neogenin1 in zebrafish. Mechanisms of Development, 2002, 118, 219-223.	1.7	18
47	The Lipid Raft Microdomain-Associated Protein Reggie-1/ Flotillin-2 is Expressed in Human B Cells and Localized at the Plasma Membrane and Centrosome in PBMCs. Immunobiology, 2002, 205, 108-119.	1.9	52
48	Evolution of Duplicated reggie Genes in Zebrafish and Goldfish. Journal of Molecular Evolution, 2002, 54, 235-245.	1.8	39
49	Fate of oligodendrocytes during retinal axon degeneration and regeneration in the goldfish visual pathway. Journal of Neurobiology, 1999, 41, 572-584.	3.6	25
50	Identification of Reggie-1 and Reggie-2 as plasmamembrane-associated proteins which cocluster with activated GPI-anchored cell adhesion molecules in non-caveolar micropatches in neurons. , 1998, 37, 502-523.		209
51	Retinal axon regeneration in the lizardGallotia galloti in the presence of CNS myelin and oligodendrocytes. , 1998, 23, 61-74.		27
52	Neurolin, the Goldfish Homolog of DM-GRASP, Is Involved in Retinal Axon Pathfinding to the Optic Disk. Journal of Neuroscience, 1998, 18, 3363-3372.	3.6	67
53	Dynamics of process formation during differentiation of tectal neurons in embryonic zebrafish. Journal of Neurobiology, 1997, 32, 627-639.	3.6	24
54	Dynamics of process formation during differentiation of tectal neurons in embryonic zebrafish. Journal of Neurobiology, 1997, 32, 627-639.	3.6	1

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55	Spatiotemporal pattern of retinal ganglion cell differentiation revealed by the expression of neurolin in embryonic zebrafish. , 1996, 29, 65-74.		65
56	Fibroblasts at the transection site of the injured goldfish optic nerve and their potential role during retinal axonal regeneration. Journal of Comparative Neurology, 1995, 360, 599-611.	1.6	16
57	Growth cones of regenerating retinal axons contact a variety of cellular profiles in the transected goldfish optic nerve. Journal of Comparative Neurology, 1994, 346, 435-448.	1.6	23
58	Similarities and differences between fish oligodendrocytes and schwann cells in vitro. Glia, 1994, 11, 300-314.	4.9	29
59	Behavior of fish retinal growth cones encountering chick caudal tectal membranes: A time-lapse study on growthcone collapse. Journal of Neurobiology, 1993, 24, 37-50.	3.6	28
60	Fish optic nerve oligodendrocytes support axonal regeneration of fish and mammalian retinal ganglion cells. Glia, 1993, 8, 1-11.	4.9	55
61	Trying to understand axonal regeneration in the CNS of fish. Journal of Neurobiology, 1992, 23, 537-550.	3.6	130
62	Trajectories of regenerating retinal axons in the goldfish tectum: I. A comparison of normal and regenerated axons at late regeneration stages. Journal of Comparative Neurology, 1988, 267, 55-68.	1.6	66
63	Trajectories of regenerating retinal axons in the goldfish tectum: II. Exploratory branches and growth cones on axons at early regeneration stages. Journal of Comparative Neurology, 1988, 267, 69-91.	1.6	64