Sylvette Chasserot-Golaz

List of Publications by Year
in descending order

70	3,955	101543 36	123424 61
papers	citations	h-index	g-index
71	71	71	4008
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phospholipase D1: a key factor for the exocytotic machinery in neuroendocrine cells. EMBO Journal, 2001, 20, 2424-2434.	7.8	221
2	Mammalian Scribble Forms a Tight Complex with the Î²PIX Exchange Factor. Current Biology, 2004, 14, 987-995.	3.9	195
3	Phospholipase D1 Production of Phosphatidic Acid at the Plasma Membrane Promotes Exocytosis of Large Dense-core Granules at a Late Stage. Journal of Biological Chemistry, 2007, 282, 21746-21757.	3.4	185
4	Regulated Exocytosis in Neuroendocrine Cells: A Role for Subplasmalemmal Cdc42/N-WASP-induced Actin Filaments. Molecular Biology of the Cell, 2004, 15, 520-531.	2.1	173
5	A role for phospholipase D1 in neurotransmitter release. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 15300-15305.	7.1	161
6	Regulation of phospholipase D1 subcellular cycling through coordination of multiple membrane association motifs. Journal of Cell Biology, 2003, 162, 305-315.	5.2	154
7	Annexin 2 Promotes the Formation of Lipid Microdomains Required for Calcium-regulated Exocytosis of Dense-Core Vesicles. Molecular Biology of the Cell, 2005, 16, 1108-1119.	2.1	131
8	Dynamics and Function of Phospholipase D and Phosphatidic Acid During Phagocytosis. Traffic, 2006, 7, 365-377.	2.7	123
9	Calcium-regulated exocytosis of dense-core vesicles requires the activation of ADP-ribosylation factor (ARF)6 by ARF nucleotide binding site opener at the plasma membrane. Journal of Cell Biology, 2002, 159, 79-89.	5.2	118
10	Annexin II in exocytosis: catecholamine secretion requires the translocation of p36 to the subplasmalemmal region in chromaffin cells.. Journal of Cell Biology, 1996, 133, 1217-1236.	5.2	105
11	Cultured glial cells express the SNAP-25 analogue SNAP-23. , 1999, 27, 181-187.		103
12	COUP-TF interacting protein 2 represses the initial phase of HIV-1 gene transcription in human microglial cells. Nucleic Acids Research, 2005, 33, 2318-2331.	14.5	98
13	The Nâ€•and Câ€terminal fragments of ubiquitin are important for the antimicrobial activities. FASEB Journal, 2003, 17, 776-778.	0.5	91
14	Lipids in Regulated Exocytosis: What are They Doing?. Frontiers in Endocrinology, 2013, 4, 125.	3.5	90
15	Chromogranin A Induces a Neurotoxic Phenotype in Brain Microglial Cells. Journal of Biological Chemistry, 1998, 273, 14339-14346.	3.4	88
16	Two Chromogranin A-Derived Peptides Induce Calcium Entry in Human Neutrophils by Calmodulin-Regulated Calcium Independent Phospholipase A2. PLoS ONE, 2009, 4, e4501.	2.5	88
17	Structural and Biological Characterization of Chromofungin, the Antifungal Chromogranin A-(47â€“66)-derived Peptide. Journal of Biological Chemistry, 2001, 276, 35875-35882.	3.4	87
18	Coupling actin and membrane dynamics during calcium-regulated exocytosis: a role for Rho and ARF GTPases. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1742, 37-49.	4.1	87

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19	Intersectin-1L nucleotide exchange factor regulates secretory granule exocytosis by activating Cdc42. EMBO Journal, 2006, 25, 3494-3503.	7.8	84
20	Identification of a Potential Effector Pathway for the Trimeric Go Protein Associated with Secretory Granules. Journal of Biological Chemistry, 1998, 273, 16913-16920.	3.4	81
21	Comparative Characterization of Phosphatidic Acid Sensors and Their Localization during Frustrated Phagocytosis. Journal of Biological Chemistry, 2017, 292, 4266-4279.	3.4	78
22	Annexin A2â€"dependent actin bundling promotes secretory granule docking to the plasma membrane and exocytosis. Journal of Cell Biology, 2015, 210, 785-800.	5.2	74
23	The Small GTPase RalA Controls Exocytosis of Large Dense Core Secretory Granules by Interacting with ARF6-dependent Phospholipase D1. Journal of Biological Chemistry, 2005, 280, 29921-29928.	3.4	71
24	Recruitment of Tat to Heterochromatin Protein HP1 via Interaction with CTIP2 Inhibits Human Immunodeficiency Virus Type 1 Replication in Microglial Cells. Journal of Virology, 2003, 77, 5415-5427.	3.4	68
25	Mechanisms Underlying Neuronal Death Induced by Chromogranin A-activated Microglia. Journal of Biological Chemistry, 2001, 276, 13113-13120.	3.4	65
26	S100A10-Mediated Translocation of Annexin-A2 to SNARE Proteins in Adrenergic Chromaffin Cells Undergoing Exocytosis. Traffic, 2010, 11, 958-971.	2.7	64
27	Trimeric G Proteins Control Exocytosis in Chromaffin Cells. Journal of Biological Chemistry, 1997, 272, 20564-20571.	3.4	58
28	The Hippocampal Cholinergic Neurostimulating Peptide, the N-terminal Fragment of the Secreted Phosphatidylethanolamine-binding Protein, Possesses a New Biological Activity on Cardiac Physiology. Journal of Biological Chemistry, 2004, 279, 13054-13064.	3.4	58
29	Lipid Dynamics in Exocytosis. Cellular and Molecular Neurobiology, 2010, 30, 1335-1342.	3.3	56
30	Functional Implication of Neuronal Calcium Sensor-1 and Phosphoinositol 4-Kinase-Î² Interaction in Regulated Exocytosis of PC12 Cells. Journal of Biological Chemistry, 2006, 281, 18098-18111.	3.4	53
31	Trimeric G Proteins Control Regulated Exocytosis in Bovine Chromaffin Cells: Sequential Involvement of Go Associated With Secretory Granules and Gi3Bound to the Plasma Membrane. European Journal of Neuroscience, 1996, 8, 1275-1285.	2.6	48
32	Immunohistochemical studies of the localization of neurons containing the enzyme that synthesizes dopamine, GABA, or ?-hydroxybutyrate in the rat substantia nigra and striatum. Journal of Comparative Neurology, 2000, 426, 549-560.	1.6	46
33	Selective Recapture of Secretory Granule Components After Full Collapse Exocytosis in Neuroendocrine Chromaffin Cells. Traffic, 2011, 12, 72-88.	2.7	45
34	Phospholipid Scramblase-1-Induced Lipid Reorganization Regulates Compensatory Endocytosis in Neuroendocrine Cells. Journal of Neuroscience, 2013, 33, 3545-3556.	3.6	42
35	Presence of Dynamin-Syntaxin Complexes Associated with Secretory Granules in Adrenal Chromaffin Cells. Journal of Neurochemistry, 2002, 75, 1511-1519.	3.9	41
36	Possible Involvement of Phosphatidylinositol 3â€Kinase in Regulated Exocytosis: Studies in Chromaffin Cells with Inhibitor LY294002. Journal of Neurochemistry, 1998, 70, 2347-2356.	3.9	40

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37	Prion protein (PrPc) immunocytochemistry and expression of the green fluorescent protein reporter gene under control of the bovine PrP gene promoter in the mouse brain. Journal of Comparative Neurology, 2004, 473, 244-269.	1.6	39
38	Regulated Secretion in Chromaffin Cells. Annals of the New York Academy of Sciences, 2002, 971, 193-200.	3.8	38
39	Lipids implicated in the journey of a secretory granule: from biogenesis to fusion. Journal of Neurochemistry, 2016, 137, 904-912.	3.9	36
40	Fibrillar prion peptide (106-126) and scrapie prion protein hamper phagocytosis in microglia. Glia, 2004, 46, 101-115.	4.9	35
41	Regulation of exocytosis in adrenal chromaffin cells: focus on ARF and Rho GTPases. Cellular Signalling, 2003, 15, 893-899.	3.6	32
42	Identification of Morphine-6-glucuronide in Chromaffin Cell Secretory Granules. Journal of Biological Chemistry, 2006, 281, 8082-8089.	3.4	32
43	HIV-1 Tat protein inhibits neurosecretion by binding to phosphatidylinositol 4,5-bisphosphate. Journal of Cell Science, 2013, 126, 454-463.	2.0	31
44	Towards Proto-Cells: â€œPrimitiveâ€•Lipid Vesicles Encapsulating Giant DNA and Its Histone Complex. ChemBioChem, 2001, 2, 457-459.	2.6	30
45	Regulation of Neuroendocrine Exocytosis by the ARF6 GTPase-activating Protein GIT1. Journal of Biological Chemistry, 2006, 281, 7919-7926.	3.4	30
46	Exocytosis and Endocytosis in Neuroendocrine Cells: Inseparable Membranes!. Frontiers in Endocrinology, 2013, 4, 135.	3.5	29
47	Calcium-dependent translocation of synaptotagmin to the plasma membrane in the dendrites of developing neurones. Molecular Brain Research, 2001, 96, 1-13.	2.3	28
48	Annexin A2, an essential partner of the exocytotic process in chromaffin cells. Journal of Neurochemistry, 2016, 137, 890-896.	3.9	28
49	Phosphorylation cycling of Annexin A2 Tyr23 is critical for calcium-regulated exocytosis in neuroendocrine cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1207-1217.	4.1	25
50	Mono- and Poly-unsaturated Phosphatidic Acid Regulate Distinct Steps of Regulated Exocytosis in Neuroendocrine Cells. Cell Reports, 2020, 32, 108026.	6.4	24
51	Evidence for a Functional Glucocorticoid Responsive Element in the Epstein-Barr Virus Genome. Molecular Endocrinology, 1991, 5, 267-272.	3.7	20
52	Insight in the exocytotic process in chromaffin cells: Regulation by trimeric and monomeric G proteins. Biochimie, 2000, 82, 365-373.	2.6	19
53	Biosynthesis and intracellular post-translational processing of normal and mutant platelet glycoprotein GPIb-IX. Biochemical Journal, 2001, 358, 295.	3.7	16
54	Functional Characterization and Potential Applications for Enhanced Green Fluorescent Protein- and Epitope-Fused Human M1 Muscarinic Receptors. Journal of Neurochemistry, 2002, 73, 791-801.	3.9	12

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55	F-actin does not modulate the initial steps of the protein kinase C activation process in living nerve cells. Experimental Cell Research, 2003, 289, 222-236.	2.6	11
56	Catestatin in innate immunity and Cateslytin-derived peptides against superbugs. Scientific Reports, 2021, 11, 15615.	3.3	11
57	The steroid antagonist RU38486 is metabolized by the liver microsomal P450 mono-oxygenases. Biochemical and Biophysical Research Communications, 1990, 167, 1271-1278.	2.1	10
58	Regulation of exocytosis in chromaffin cells by phosducin-like protein, a protein interacting with G protein Î²Î³ subunits. FEBS Letters, 2000, 480, 184-188.	2.8	8
59	The hypophysis controls expression of SNAP-25 and other SNAREs in the adrenal gland. Journal of Neurocytology, 2001, 30, 789-800.	1.5	8
60	Phospholipase D1-generated phosphatidic acid modulates secretory granule trafficking from biogenesis to compensatory endocytosis in neuroendocrine cells. Advances in Biological Regulation, 2022, 83, 100844.	2.3	6
61	Annexin A2 Egress during Calcium-Regulated Exocytosis in Neuroendocrine Cells. Cells, 2020, 9, 2059.	4.1	5
62	Phosphatidic acid metabolism regulates neuroendocrine secretion but is not under the direct control of lipins. IUBMB Life, 2020, 72, 533-543.	3.4	5
63	Inhibition of hepatoma cell growth by a steroid anti-hormone. Cancer Letters, 1988, 41, 333-343.	7.2	4
64	Bovine Chromaffin Cells: Culture and Fluorescence Assay for Secretion. Methods in Molecular Biology, 2021, 2233, 169-179.	0.9	4
65	Effect of phenobarbital on the glucocorticoid receptor in rat hepatoma cells. Biochemical Pharmacology, 1990, 40, 1815-1819.	4.4	3
66	Transmission Electron and on Plasma Sheets to Study Secretory Docking. Methods in Molecular Biology, 2021, 2233, 301-309.	0.9	3
67	Protocol for electron microscopy ultrastructural localization of the fusogenic lipid phosphatidic acid on plasma membrane sheets from chromaffin cells. STAR Protocols, 2021, 2, 100464.	1.2	1
68	Annexin A2â€"dependent actin bundling promotes secretory granule docking to the plasma membrane and exocytosis. Journal of General Physiology, 2015, 146, 1463OIA51.	1.9	1
69	Advanced Imaging Approaches to Reveal Molecular Mechanisms Governing Neuroendocrine Secretion. Neuroendocrinology, 2021, , .	2.5	1
70	Measurements of by Antibody and Quantification of Endocytic Vesicle Distribution in Adrenal Chromaffin Cells. Methods in Molecular Biology, 2021, 2233, 43-51.	0.9	0