Sylvette Chasserot-Golaz

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	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
2	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
3	Catestatin in innate immunity and Cateslytin-derived peptides against superbugs. Scientific Reports, 2021, 11, 15615.	3.3	11
4	Bovine Chromaffin Cells: Culture and Fluorescence Assay for Secretion. Methods in Molecular Biology, 2021, 2233, 169-179.	0.9	4
5	Transmission Electron and on Plasma Sheets to Study Secretory Docking. Methods in Molecular Biology, 2021, 2233, 301-309.	0.9	3
6	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
7	Advanced Imaging Approaches to Reveal Molecular Mechanisms Governing Neuroendocrine Secretion. Neuroendocrinology, 2021, , .	2.5	1
8	Mono- and Poly-unsaturated Phosphatidic Acid Regulate Distinct Steps of Regulated Exocytosis in Neuroendocrine Cells. Cell Reports, 2020, 32, 108026.	6.4	24
9	Annexin A2 Egress during Calcium-Regulated Exocytosis in Neuroendocrine Cells. Cells, 2020, 9, 2059.	4.1	5
10	Phosphatidic acid metabolism regulates neuroendocrine secretion but is not under the direct control of lipins. IUBMB Life, 2020, 72, 533-543.	3.4	5
11	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
12	Comparative Characterization of Phosphatidic Acid Sensors and Their Localization during Frustrated Phagocytosis. Journal of Biological Chemistry, 2017, 292, 4266-4279.	3.4	78
13	Lipids implicated in the journey of a secretory granule: from biogenesis to fusion. Journal of Neurochemistry, 2016, 137, 904-912.	3.9	36
14	Annexin A2, an essential partner of the exocytotic process in chromaffin cells. Journal of Neurochemistry, 2016, 137, 890-896.	3.9	28
15	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
16	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
17	HIV-1 Tat protein inhibits neurosecretion by binding to phosphatidylinositol 4,5-bisphosphate. Journal of Cell Science, 2013, 126, 454-463.	2.0	31
18	Phospholipid Scramblase-1-Induced Lipid Reorganization Regulates Compensatory Endocytosis in Neuroendocrine Cells. Journal of Neuroscience, 2013, 33, 3545-3556.	3.6	42

#	Article	IF	Citations
19	Exocytosis and Endocytosis in Neuroendocrine Cells: Inseparable Membranes!. Frontiers in Endocrinology, 2013, 4, 135.	3.5	29
20	Lipids in Regulated Exocytosis: What are They Doing?. Frontiers in Endocrinology, 2013, 4, 125.	3.5	90
21	Selective Recapture of Secretory Granule Components After Full Collapse Exocytosis in Neuroendocrine Chromaffin Cells. Traffic, 2011, 12, 72-88.	2.7	45
22	Lipid Dynamics in Exocytosis. Cellular and Molecular Neurobiology, 2010, 30, 1335-1342.	3.3	56
23	S100A10-Mediated Translocation of Annexin-A2 to SNARE Proteins in Adrenergic Chromaffin Cells Undergoing Exocytosis. Traffic, 2010, 11, 958-971.	2.7	64
24	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
25	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
26	Dynamics and Function of Phospholipase D and Phosphatidic Acid During Phagocytosis. Traffic, 2006, 7, 365-377.	2.7	123
27	Intersectin-1L nucleotide exchange factor regulates secretory granule exocytosis by activating Cdc42. EMBO Journal, 2006, 25, 3494-3503.	7.8	84
28	Identification of Morphine-6-glucuronide in Chromaffin Cell Secretory Granules. Journal of Biological Chemistry, 2006, 281, 8082-8089.	3.4	32
29	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
30	Regulation of Neuroendocrine Exocytosis by the ARF6 GTPase-activating Protein GIT1. Journal of Biological Chemistry, 2006, 281, 7919-7926.	3.4	30
31	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
32	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
33	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
34	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
35	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
36	Mammalian Scribble Forms a Tight Complex with the Î²PIX Exchange Factor. Current Biology, 2004, 14, 987-995.	3.9	195

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37	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
38	Fibrillar prion peptide (106-126) and scrapie prion protein hamper phagocytosis in microglia. Glia, 2004, 46, 101-115.	4.9	35
39	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
40	Regulation of exocytosis in adrenal chromaffin cells: focus on ARF and Rho GTPases. Cellular Signalling, 2003, 15, 893-899.	3.6	32
41	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
42	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
43	The Nâ€•and Câ€terminal fragments of ubiquitin are important for the antimicrobial activities. FASEB Journal, 2003, 17, 776-778.	0.5	91
44	Regulation of phospholipase D1 subcellular cycling through coordination of multiple membrane association motifs. Journal of Cell Biology, 2003, 162, 305-315.	5.2	154
45	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
46	Presence of Dynamin-Syntaxin Complexes Associated with Secretory Granules in Adrenal Chromaffin Cells. Journal of Neurochemistry, 2002, 75, 1511-1519.	3.9	41
47	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
48	Regulated Secretion in Chromaffin Cells. Annals of the New York Academy of Sciences, 2002, 971, 193-200.	3.8	38
49	The hypophysis controls expression of SNAP-25 and other SNAREs in the adrenal gland. Journal of Neurocytology, 2001, 30, 789-800.	1.5	8
50	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
51	Biosynthesis and intracellular post-translational processing of normal and mutant platelet glycoprotein GPIb-IX. Biochemical Journal, 2001, 358, 295.	3.7	16
52	Towards Proto-Cells: â€œPrimitiveâ€•Lipid Vesicles Encapsulating Giant DNA and Its Histone Complex. ChemBioChem, 2001, 2, 457-459.	2.6	30
53	Phospholipase D1: a key factor for the exocytotic machinery in neuroendocrine cells. EMBO Journal, 2001, 20, 2424-2434.	7.8	221
54	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

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55	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
56	Mechanisms Underlying Neuronal Death Induced by Chromogranin A-activated Microglia. Journal of Biological Chemistry, 2001, 276, 13113-13120.	3.4	65
57	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
58	Insight in the exocytotic process in chromaffin cells: Regulation by trimeric and monomeric G proteins. Biochimie, 2000, 82, 365-373.	2.6	19
59	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
60	Cultured glial cells express the SNAP-25 analogue SNAP-23. , 1999, 27, 181-187.		103
61	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
62	Chromogranin A Induces a Neurotoxic Phenotype in Brain Microglial Cells. Journal of Biological Chemistry, 1998, 273, 14339-14346.	3.4	88
63	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
64	Trimeric G Proteins Control Exocytosis in Chromaffin Cells. Journal of Biological Chemistry, 1997, 272, 20564-20571.	3.4	58
65	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
66	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
67	Evidence for a Functional Glucocorticoid Responsive Element in the Epstein-Barr Virus Genome. Molecular Endocrinology, 1991, 5, 267-272.	3.7	20
68	Effect of phenobarbital on the glucocorticoid receptor in rat hepatoma cells. Biochemical Pharmacology, 1990, 40, 1815-1819.	4.4	3
69	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
70	Inhibition of hepatoma cell growth by a steroid anti-hormone. Cancer Letters, 1988, 41, 333-343.	7.2	4