

Robert D Burgoyne

List of Publications by Year in descending order

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325
papers

18,397
citations

10650

74
h-index

21239

119
g-index

390
all docs

390
docs citations

390
times ranked

12007
citing authors

#	ARTICLE	IF	CITATIONS
1	A centrosome-localized calcium signal is essential for mammalian cell mitosis. <i>FASEB Journal</i> , 2019, 33, 14602-14610.	0.2	17
2	Calcium Sensors in Neuronal Function and Dysfunction. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a035154.	2.3	65
3	Dystonia-Associated Hippocalcin Mutants Dysregulate Cellular Calcium Influx. <i>Biophysical Journal</i> , 2018, 114, 467a-468a.	0.2	0
4	A <i>Caenorhabditis elegans</i> assay of seizure-like activity optimised for identifying antiepileptic drugs and their mechanisms of action. <i>Journal of Neuroscience Methods</i> , 2018, 309, 132-142.	1.3	17
5	Î±-Methyl-Î±-phenylsuccinimide ameliorates neurodegeneration in a <i>C. elegans</i> model of TDP-43 proteinopathy. <i>Neurobiology of Disease</i> , 2018, 118, 40-54.	2.1	19
6	Biophysical and functional characterization of hippocalin mutants responsible for human dystonia. <i>Human Molecular Genetics</i> , 2017, 26, 2426-2435.	1.4	29
7	Ethanol Stimulates Locomotion via a GÎ±s-Signaling Pathway in IL2 Neurons in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2017, 207, 1023-1039.	1.2	14
8	Phosphorylation of Cysteine String Protein Triggers a Major Conformational Switch. <i>Structure</i> , 2016, 24, 1380-1386.	1.6	23
9	Interaction of ARF-1.1 and neuronal calcium sensor-1 in the control of the temperature-dependency of locomotion in <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2016, 6, 30023.	1.6	6
10	Expression profile of a <i>Caenorhabditis elegans</i> model of adult neuronal ceroid lipofuscinosis reveals down regulation of ubiquitin E3 ligase components. <i>Scientific Reports</i> , 2015, 5, 14392.	1.6	7
11	Using <i>C. elegans</i> to discover therapeutic compounds for ageing-associated neurodegenerative diseases. <i>Chemistry Central Journal</i> , 2015, 9, 65.	2.6	98
12	Ethosuximide ameliorates neurodegenerative disease phenotypes by modulating DAF-16/FOXO target gene expression. <i>Molecular Neurodegeneration</i> , 2015, 10, 51.	4.4	31
13	Editorial. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 105.	2.3	0
14	Modulation of phosphatidylinositol 4-phosphate levels by CaBP7 controls cytokinesis in mammalian cells. <i>Molecular Biology of the Cell</i> , 2015, 26, 1428-1439.	0.9	17
15	Cysteine string protein (CSP) and its role in preventing neurodegeneration. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 153-159.	2.3	62
16	Sense and specificity in neuronal calcium signalling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1921-1932.	1.9	48
17	Neuronal Calcium Sensor-1 Binds the D2 Dopamine Receptor and G-protein-coupled Receptor Kinase 1 (GRK1) Peptides Using Different Modes of Interactions. <i>Journal of Biological Chemistry</i> , 2015, 290, 18744-18756.	1.6	45
18	<i>Caenorhabditis elegans</i> dnj-14, the orthologue of the DNAJC5 gene mutated in adult onset neuronal ceroid lipofuscinosis, provides a new platform for neuroprotective drug screening and identifies a SIR-2.1-independent action of resveratrol. <i>Human Molecular Genetics</i> , 2014, 23, 5916-5927.	1.4	42

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19	Mutations that disrupt PHOXB interaction with the neuronal calcium sensor HPCAL1 impede cellular differentiation in neuroblastoma. <i>Oncogene</i> , 2014, 33, 3316-3324.	2.6	25
20	Demonstration of Binding of Neuronal Calcium Sensor-1 to the Ca ^v 2.1 P/Q-Type Calcium Channel. <i>Biochemistry</i> , 2014, 53, 6052-6062.	1.2	16
21	Identification of key structural elements for neuronal calcium sensor-1 function in the regulation of the temperature-dependency of locomotion in <i>C. elegans</i> . <i>Molecular Brain</i> , 2013, 6, 39.	1.3	14
22	Generation and characterization of a lysosomally targeted, genetically encoded Ca ²⁺ -sensor. <i>Biochemical Journal</i> , 2013, 449, 449-457.	1.7	37
23	Solution NMR Structure of the Ca ²⁺ -bound N-terminal Domain of CaBP7. <i>Journal of Biological Chemistry</i> , 2012, 287, 38231-38243.	1.6	7
24	PKC-2 Phosphorylation of UNC-18 Ser322 in AFD Neurons Regulates Temperature Dependency of Locomotion. <i>Journal of Neuroscience</i> , 2012, 32, 7042-7051.	1.7	19
25	Embodiment in the war film: <i>Paradise Now</i> and <i>The Hurt Locker</i> . <i>Journal of War and Culture Studies</i> , 2012, 5, 7-19.	0.1	15
26	Biochemical, biophysical and genetic approaches to intracellular calcium signalling. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1159.	1.1	0
27	Identification of common genetic modifiers of neurodegenerative diseases from an integrative analysis of diverse genetic screens in model organisms. <i>BMC Genomics</i> , 2012, 13, 71.	1.2	29
28	Neurotransmitter release mechanisms studied in <i>Caenorhabditis elegans</i> . <i>Cell Calcium</i> , 2012, 52, 289-295.	1.1	25
29	Evolution and functional diversity of the Calcium Binding Proteins (CaBPs). <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 9.	1.4	37
30	Understanding the physiological roles of the neuronal calcium sensor proteins. <i>Molecular Brain</i> , 2012, 5, 2.	1.3	78
31	Determination of the Membrane Topology of the Small EF-Hand Ca ²⁺ -Sensing Proteins CaBP7 and CaBP8. <i>PLoS ONE</i> , 2011, 6, e17853.	1.1	13
32	InsP ₃ receptors and Orai channels in pancreatic acinar cells: co-localization and its consequences. <i>Biochemical Journal</i> , 2011, 436, 231-239.	1.7	50
33	Chaperoning the SNAREs: a role in preventing neurodegeneration?. <i>Nature Cell Biology</i> , 2011, 13, 8-9.	4.6	49
34	Munc18-1 Tuning of Vesicle Merger and Fusion Pore Properties. <i>Journal of Neuroscience</i> , 2011, 31, 9055-9066.	1.7	67
35	Structure-Function Study of Mammalian Munc18-1 and <i>C. elegans</i> UNC-18 Implicates Domain 3b in the Regulation of Exocytosis. <i>PLoS ONE</i> , 2011, 6, e17999.	1.1	18
36	Characterisation of the Interaction of the C-Terminus of the Dopamine D2 Receptor with Neuronal Calcium Sensor-1. <i>PLoS ONE</i> , 2011, 6, e27779.	1.1	35

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37	Role of phosphoinositides in STIM1 dynamics and store-operated calcium entry. <i>Biochemical Journal</i> , 2010, 425, 159-168.	1.7	138
38	Evidence for an interaction between Golli and STIM1 in store-operated calcium entry. <i>Biochemical Journal</i> , 2010, 430, 453-460.	1.7	60
39	<i>Caenorhabditis elegans</i> : a useful tool to decipher neurodegenerative pathways. <i>Biochemical Society Transactions</i> , 2010, 38, 559-563.	1.6	19
40	Neuronal Calcium Sensor-1 Regulation of Calcium Channels, Secretion, and Neuronal Outgrowth. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 1283-1292.	1.7	67
41	Bioinformatic analysis of CaBP/calneuron proteins reveals a family of highly conserved vertebrate Ca ²⁺ -binding proteins. <i>BMC Research Notes</i> , 2010, 3, 118.	0.6	25
42	Decoding glutamate receptor activation by the Ca ²⁺ sensor protein hippocalcin in rat hippocampal neurons. <i>European Journal of Neuroscience</i> , 2010, 32, 347-358.	1.2	17
43	EF-Hand Proteins and Calcium Sensing. , 2010, , 973-978.		0
44	The Diversity of Calcium Sensor Proteins in the Regulation of Neuronal Function. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a004085-a004085.	2.3	83
45	Presynaptic targets for acute ethanol sensitivity. <i>Biochemical Society Transactions</i> , 2010, 38, 172-176.	1.6	16
46	Structural and Functional Deficits in a Neuronal Calcium Sensor-1 Mutant Identified in a Case of Autistic Spectrum Disorder. <i>PLoS ONE</i> , 2010, 5, e10534.	1.1	61
47	Neuronal calcium sensor proteins: emerging roles in membrane traffic and synaptic plasticity. <i>F1000 Biology Reports</i> , 2010, 2, .	4.0	4
48	Haunting in the War Film: Flags of Our Fathers and Letters from Iwo Jima. , 2010, , 164-189.		0
49	Prosthetic Memory/National Memory: Forrest Gump. , 2010, , 104-119.		1
50	National Identity, Gender Identity, and the Rescue Fantasy in <i>Born on the Fourth of July</i> . , 2010, , 57-87.		0
51	Race and Nation in <i>Glory</i> . , 2010, , 16-37.		0
52	Native America, Thunderheart, and the National Imaginary. , 2010, , 38-56.		0
53	The Columbian Exchange: Pocahontas and The New World. , 2010, , 120-142.		0
54	Modernism and the Narrative of Nation in <i>JFK</i> . , 2010, , 88-103.		0

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55	Homeland or Promised Land? The Ethnic Construction of Nation in Gangs of New York. , 2010, , 143-163.		0
56	Trauma and History in United 93 and World Trade Center. , 2010, , 190-212.		0
57	UNC-18 Modulates Ethanol Sensitivity in <i>Caenorhabditis elegans</i> . <i>Molecular Biology of the Cell</i> , 2009, 20, 43-55.	0.9	32
58	Ribosome-free Terminals of Rough ER Allow Formation of STIM1 Puncta and Segregation of STIM1 from IP3 Receptors. <i>Current Biology</i> , 2009, 19, 1648-1653.	1.8	114
59	The Functions of Munc18 in Regulated Exocytosis. <i>Annals of the New York Academy of Sciences</i> , 2009, 1152, 76-86.	1.8	48
60	Membrane targeting of the EF-hand containing calcium-sensing proteins CaBP7 and CaBP8. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 825-831.	1.0	23
61	A VAMP7/Vti1a SNARE complex distinguishes a non-conventional traffic route to the cell surface used by KChIP1 and Kv4 potassium channels. <i>Biochemical Journal</i> , 2009, 418, 529-540.	1.7	41
62	Binding of UNC-18 to the N-terminus of syntaxin is essential for neurotransmission in <i>Caenorhabditis elegans</i> . <i>Biochemical Journal</i> , 2009, 418, 73-80.	1.7	54
63	ATP depletion induces translocation of STIM1 to puncta and formation of STIM1-ORAI1 clusters: translocation and re-translocation of STIM1 does not require ATP. <i>Pflügers Archiv European Journal of Physiology</i> , 2008, 457, 505-517.	1.3	40
64	Cysteine-String Protein. <i>Journal of Neurochemistry</i> , 2008, 74, 1781-1789.	2.1	126
65	Unexpected tails of a Ca ²⁺ sensor. <i>Nature Chemical Biology</i> , 2008, 4, 90-91.	3.9	15
66	Hippocampin signaling via site-specific translocation in hippocampal neurons. <i>Neuroscience Letters</i> , 2008, 442, 152-157.	1.0	23
67	Neuronal calcium sensor proteins are unable to modulate NFAT activation in mammalian cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 240-248.	1.1	8
68	The Rab27 effector Rabphilin, unlike Granophilin and Noc2, rapidly exchanges between secretory granules and cytosol in PC12 cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 275-281.	1.0	21
69	S-nitrosylation of syntaxin 1 at Cys145 is a regulatory switch controlling Munc18-1 binding. <i>Biochemical Journal</i> , 2008, 413, 479-491.	1.7	55
70	A Random Mutagenesis Approach to Isolate Dominant-Negative Yeast <i>sec1</i> Mutants Reveals a Functional Role for Domain 3a in Yeast and Mammalian Sec1/Munc18 Proteins. <i>Genetics</i> , 2008, 180, 165-178.	1.2	34
71	Specific effects of KChIP3/calsenilin/DREAM, but not KChIPs 1, 2 and 4, on calcium signalling and regulated secretion in PC12 cells. <i>Biochemical Journal</i> , 2008, 413, 71-80.	1.7	22
72	A gain-of-function mutant of Munc18-1 stimulates secretory granule recruitment and exocytosis and reveals a direct interaction of Munc18-1 with Rab3. <i>Biochemical Journal</i> , 2008, 409, 407-416.	1.7	53

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73	Differential dynamics of Rab3A and Rab27A on secretory granules. <i>Journal of Cell Science</i> , 2007, 120, 973-984.	1.2	66
74	The balcony of history. <i>Rethinking History</i> , 2007, 11, 547-554.	0.2	5
75	Evidence against roles for phorbol binding protein Munc13-1, ADAM adaptor Eve-1, or vesicle trafficking phosphoproteins Munc18 or NSF as phospho-state-sensitive modulators of phorbol/PKC-activated Alzheimer APP ectodomain shedding. <i>Molecular Neurodegeneration</i> , 2007, 2, 23.	4.4	15
76	Neuronal calcium sensor proteins: generating diversity in neuronal Ca ²⁺ signalling. <i>Nature Reviews Neuroscience</i> , 2007, 8, 182-193.	4.9	514
77	Specificity, Promiscuity and Localization of ARF Protein Interactions with NCS-1 and Phosphatidylinositol-4 Kinase-III β . <i>Traffic</i> , 2007, 8, 1080-1092.	1.3	37
78	Membrane Trafficking: Three Steps to Fusion. <i>Current Biology</i> , 2007, 17, R255-R258.	1.8	57
79	Techno-euphoria and the world-improving dream: Gladiator. <i>Ilha Do Desterro</i> , 2006, .	0.0	0
80	Analysis of the interacting partners of the neuronal calcium-binding proteins L-CaBP1, hippocalcin, NCS-1 and neurocalcin α . <i>Proteomics</i> , 2006, 6, 1822-1832.	1.3	55
81	Conserved Prefusion Protein Assembly in Regulated Exocytosis. <i>Molecular Biology of the Cell</i> , 2006, 17, 283-294.	0.9	64
82	Protein Kinase B/Akt Is a Novel Cysteine String Protein Kinase That Regulates Exocytosis Release Kinetics and Quantal Size. <i>Journal of Biological Chemistry</i> , 2006, 281, 1564-1572.	1.6	25
83	High-affinity interaction of the N-terminal myristoylation motif of the neuronal calcium sensor protein hippocalcin with phosphatidylinositol 4,5-bisphosphate. <i>Biochemical Journal</i> , 2005, 391, 231-238.	1.7	42
84	Calcium-dependent regulation of exocytosis. <i>Cell Calcium</i> , 2005, 38, 343-353.	1.1	109
85	Interaction of Neuronal Calcium Sensor-1 and ADP-ribosylation Factor 1 Allows Bidirectional Control of Phosphatidylinositol 4-Kinase β and trans-Golgi Network-Plasma Membrane Traffic. <i>Journal of Biological Chemistry</i> , 2005, 280, 6047-6054.	1.6	129
86	Traffic of Kv4 K ⁺ channels mediated by KChIP1 is via a novel post-ER vesicular pathway. <i>Journal of Cell Biology</i> , 2005, 171, 459-469.	2.3	87
87	Munc18-1 Regulates Early and Late Stages of Exocytosis via Syntaxin-independent Protein Interactions. <i>Molecular Biology of the Cell</i> , 2005, 16, 470-482.	0.9	58
88	Amisyn Regulates Exocytosis and Fusion Pore Stability by Both Syntaxin-dependent and Syntaxin-independent Mechanisms. <i>Journal of Biological Chemistry</i> , 2005, 280, 31615-31623.	1.6	40
89	The Rab-Binding Protein Noc2 Is Associated with Insulin-Containing Secretory Granules and Is Essential for Pancreatic β -Cell Exocytosis. <i>Molecular Endocrinology</i> , 2004, 18, 117-126.	3.7	78
90	Synaptotagmin Interaction with the Syntaxin/SNAP-25 Dimer Is Mediated by an Evolutionarily Conserved Motif and Is Sensitive to Inositol Hexakisphosphate. <i>Journal of Biological Chemistry</i> , 2004, 279, 12574-12579.	1.6	111

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91	Syntaxin/Munc18 Interactions in the Late Events during Vesicle Fusion and Release in Exocytosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 32751-32760.	1.6	55
92	Regulation of the Fusion Pore Conductance during Exocytosis by Cyclin-dependent Kinase 5. <i>Journal of Biological Chemistry</i> , 2004, 279, 41495-41503.	1.6	40
93	Calcium-binding Protein 1 Is an Inhibitor of Agonist-evoked, Inositol 1,4,5-Trisphosphate-mediated Calcium Signaling. <i>Journal of Biological Chemistry</i> , 2004, 279, 547-555.	1.6	111
94	Identification of Residues That Determine the Absence of a Ca ²⁺ /Myristoyl Switch in Neuronal Calcium Sensor-1. <i>Journal of Biological Chemistry</i> , 2004, 279, 14347-14354.	1.6	33
95	Membrane Traffic: Controlling Membrane Fusion by Modifying NSF. <i>Current Biology</i> , 2004, 14, R968-R970.	1.8	22
96	The neuronal calcium-sensor proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2004, 1742, 59-68.	1.9	56
97	P4-180 The roles of phorbol ester targets MUNC13 and MUNC18 in vesicular trafficking and processing of the Alzheimer's disease amyloid precursor protein. <i>Neurobiology of Aging</i> , 2004, 25, S526.	1.5	0
98	Neuronal Ca ²⁺ -sensor proteins: multitasking regulators of neuronal function. <i>Trends in Neurosciences</i> , 2004, 27, 203-209.	4.2	188
99	Calcium and calmodulin in membrane fusion. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2003, 1641, 137-143.	1.9	99
100	Tying Everything Together: The Multiple Roles of Cysteine String Protein (CSP) in Regulated Exocytosis. <i>Traffic</i> , 2003, 4, 653-659.	1.3	57
101	Activation of the store-operated calcium current I _{CRAC} can be dissociated from regulated exocytosis in rat basophilic leukaemia (RBL-1) cells. <i>Journal of Physiology</i> , 2003, 553, 387-393.	1.3	13
102	Secretory Granule Exocytosis. <i>Physiological Reviews</i> , 2003, 83, 581-632.	13.1	753
103	Residues within the myristoylation motif determine intracellular targeting of the neuronal Ca ²⁺ sensor protein KChIP1 to post-ER transport vesicles and traffic of Kv4 K ⁺ channels. <i>Journal of Cell Science</i> , 2003, 116, 4833-4845.	1.2	57
104	Phosphorylation of Munc18 by Protein Kinase C Regulates the Kinetics of Exocytosis. <i>Journal of Biological Chemistry</i> , 2003, 278, 10538-10545.	1.6	132
105	Dynamics and calcium sensitivity of the Ca ²⁺ /myristoyl switch protein hippocalcin in living cells. <i>Journal of Cell Biology</i> , 2003, 163, 715-721.	2.3	74
106	IL1 receptor accessory protein like, a protein involved in X-linked mental retardation, interacts with Neuronal Calcium Sensor-1 and regulates exocytosis. <i>Human Molecular Genetics</i> , 2003, 12, 1415-1425.	1.4	96
107	Role of myristoylation in the intracellular targeting of neuronal calcium sensor (NCS) proteins. <i>Biochemical Society Transactions</i> , 2003, 31, 963-965.	1.6	28
108	EF-Hand Proteins and Calcium Sensing: The Neuronal Calcium Sensors. , 2003, , 79-82.		1

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109	Dynamin-dependent and dynamin-independent processes contribute to the regulation of single vesicle release kinetics and quantal size. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7124-7129.	3.3	149
110	Differential Use of Myristoyl Groups on Neuronal Calcium Sensor Proteins as a Determinant of Spatio-temporal Aspects of Ca ²⁺ Signal Transduction. Journal of Biological Chemistry, 2002, 277, 14227-14237.	1.6	129
111	Cysteine String Protein Interacts with and Modulates the Maturation of the Cystic Fibrosis Transmembrane Conductance Regulator. Journal of Biological Chemistry, 2002, 277, 28948-28958.	1.6	54
112	Complexin Regulates the Closure of the Fusion Pore during Regulated Vesicle Exocytosis. Journal of Biological Chemistry, 2002, 277, 18249-18252.	1.6	114
113	Localized Ca ²⁺ uncaging reveals polarized distribution of Ca ²⁺ -sensitive Ca ²⁺ release sites. Journal of Cell Biology, 2002, 158, 283-292.	2.3	69
114	Identification of Ca ²⁺ -dependent binding partners for the neuronal calcium sensor protein neurocalcin \hat{I} : interaction with actin, clathrin and tubulin. Biochemical Journal, 2002, 363, 599.	1.7	47
115	Identification of Ca ²⁺ -dependent binding partners for the neuronal calcium sensor protein neurocalcin \hat{I} : interaction with actin, clathrin and tubulin. Biochemical Journal, 2002, 363, 599-608.	1.7	55
116	Splitting the quantum: regulation of quantal release during vesicle fusion. Trends in Neurosciences, 2002, 25, 176-178.	4.2	59
117	Sense and sensibility in the regulation of voltage-gated Ca ²⁺ channels. Trends in Neurosciences, 2002, 25, 489-491.	4.2	33
118	Effects of Calcium Channel Antagonists on Calcium Entry and Glutamate Release from Cultured Rat Cerebellar Granule Cells. Journal of Neurochemistry, 2002, 65, 2517-2524.	2.1	23
119	Examination of the Role of ADP-Ribosylation Factor and Phospholipase D Activation in Regulated Exocytosis in Chromaffin and PC12 Cells. Journal of Neurochemistry, 2002, 71, 2023-2033.	2.1	20
120	Botulinum Neurotoxin E-Insensitive Mutants of SNAP-25 Fail to Bind VAMP but Support Exocytosis. Journal of Neurochemistry, 2002, 73, 2424-2433.	2.1	22
121	Molecular Analysis of SNAP-25 Function in Exocytosis. Annals of the New York Academy of Sciences, 2002, 971, 210-221.	1.8	31
122	Control of Fusion Pore Dynamics During Exocytosis by Munc18. Science, 2001, 291, 875-878.	6.0	195
123	The neuronal calcium sensor family of Ca ²⁺ -binding proteins. Biochemical Journal, 2001, 353, 1-12.	1.7	429
124	Cysteine residues of SNAP-25 are required for SNARE disassembly and exocytosis, but not for membrane targeting. Biochemical Journal, 2001, 357, 625.	1.7	65
125	Cysteine residues of SNAP-25 are required for SNARE disassembly and exocytosis, but not for membrane targeting. Biochemical Journal, 2001, 357, 625-634.	1.7	81
126	Control of membrane fusion dynamics during regulated exocytosis. Biochemical Society Transactions, 2001, 29, 467-472.	1.6	35

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127	Phosphorylation of Cysteine String Protein by Protein Kinase A. <i>Journal of Biological Chemistry</i> , 2001, 276, 47877-47885.	1.6	93
128	Cysteine string protein expression in mammary epithelial cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2001, 441, 639-649.	1.3	6
129	Regulation of kiss-and-run exocytosis. <i>Trends in Cell Biology</i> , 2001, 11, 404-405.	3.6	17
130	A Direct Inhibitory Role for the Rab3-specific Effector, Noc2, in Ca ²⁺ -regulated Exocytosis in Neuroendocrine Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 9726-9732.	1.6	46
131	Voltage-independent Inhibition of P/Q-type Ca ²⁺ Channels in Adrenal Chromaffin Cells via a Neuronal Ca ²⁺ Sensor-1-dependent Pathway Involves Src Family Tyrosine Kinase. <i>Journal of Biological Chemistry</i> , 2001, 276, 44804-44811.	1.6	56
132	SNARE proteins are highly enriched in lipid rafts in PC12 cells: Implications for the spatial control of exocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5619-5624.	3.3	385
133	SNAP-25 with mutations in the zero layer supports normal membrane fusion kinetics. <i>Journal of Cell Science</i> , 2001, 114, 4397-4405.	1.2	25
134	The neuronal calcium sensor family of Ca ²⁺ -binding proteins. <i>Biochemical Journal</i> , 2000, 353, 1.	1.7	188
135	Purification of Golgi casein kinase from bovine milk. <i>Biochemical Journal</i> , 2000, 350, 463.	1.7	12
136	Purification of Golgi casein kinase from bovine milk. <i>Biochemical Journal</i> , 2000, 350, 463-468.	1.7	21
137	Comparison of Cysteine String Protein (Csp) and Mutant $\hat{\pm}$ -SNAP Overexpression Reveals a Role for Csp in Late Steps of Membrane Fusion in Dense-Core Granule Exocytosis in Adrenal Chromaffin Cells. <i>Journal of Neuroscience</i> , 2000, 20, 1281-1289.	1.7	114
138	Neuronal Ca ²⁺ Sensor-1/Frequenin Functions in an Autocrine Pathway Regulating Ca ²⁺ Channels in Bovine Adrenal Chromaffin Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 40082-40087.	1.6	99
139	Measurement of exocytosis by amperometry in adrenal chromaffin cells: Effects of clostridial neurotoxins and activation of protein kinase C on fusion pore kinetics. <i>Biochimie</i> , 2000, 82, 469-479.	1.3	94
140	Ethnic Nationalism and Globalization. <i>Rethinking History</i> , 2000, 4, 157-164.	0.2	6
141	Neuronal Ca ²⁺ Sensor 1. <i>Journal of Biological Chemistry</i> , 1999, 274, 30258-30265.	1.6	105
142	The Rab5 effector EEA1 is a core component of endosome docking. <i>Nature</i> , 1999, 397, 621-625.	13.7	752
143	The effect of transfection with Botulinum neurotoxin C1 light chain on exocytosis measured in cell populations and by single-cell amperometry in PC12 cells. <i>Pflugers Archiv European Journal of Physiology</i> , 1999, 437, 754-762.	1.3	27
144	Protein phosphorylation and the regulation of synaptic membrane traffic. <i>Trends in Neurosciences</i> , 1999, 22, 459-464.	4.2	213

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145	Early requirement for alpha -SNAP and NSF in the secretory cascade in chromaffin cells. EMBO Journal, 1999, 18, 3293-3304.	3.5	92
146	Doc2 is not associated with known regulated exocytotic or endosomal compartments in adrenal chromaffin cells. Biochemical Journal, 1999, 341, 179-183.	1.7	4
147	nSec-1 (munc-18) interacts with both primed and unprimed syntaxin 1A and associates in a dimeric complex on adrenal chromaffin granules. Biochemical Journal, 1999, 342, 707-714.	1.7	24
148	Doc2 is not associated with known regulated exocytotic or endosomal compartments in adrenal chromaffin cells. Biochemical Journal, 1999, 341, 179.	1.7	2
149	nSec-1 (munc-18) interacts with both primed and unprimed syntaxin 1A and associates in a dimeric complex on adrenal chromaffin granules. Biochemical Journal, 1999, 342, 707.	1.7	12
150	Secretion of milk proteins. Journal of Mammary Gland Biology and Neoplasia, 1998, 3, 275-286.	1.0	57
151	Two forms of triggered endocytosis in regulated secretory cells. Journal of Physiology, 1998, 506, 589-589.	1.3	4
152	Calcium sensors in regulated exocytosis. Cell Calcium, 1998, 24, 367-376.	1.1	95
153	Analysis of regulated exocytosis in adrenal chromaffin cells: insights into NSF/SNAP/SNARE function. BioEssays, 1998, 20, 328-335.	1.2	102
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