Giampietro G Schiavo

List of Publications by Year
in descending order

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223 papers	20,343 citations	10389 72 h-index	11939 134 g-index
274 all docs	274 docs citations	274 times ranked	16799 citing authors

#	Article	IF	Citations
1	Coupling axonal mRNA transport and local translation to organelle maintenance and function. Current Opinion in Cell Biology, 2022, 74, 97-103.	5.4	13
2	TDP-43 loss and ALS-risk SNPs drive mis-splicing and depletion of UNC13A. Nature, 2022, 603, 131-137.	27.8	188
3	The Role of Extracellular Matrix Components in the Spreading of Pathological Protein Aggregates. Frontiers in Cellular Neuroscience, 2022, 16, 844211.	3.7	7
4	Bimodal regulation of axonal transport by the GDNF-RET signalling axis in healthy and diseased motor neurons. Cell Death and Disease, 2022, 13, .	6.3	9
5	Knockinâ€™ on heavenâ€™s door: Molecular mechanisms of neuronal tau uptake. Journal of Neurochemistry, 2021, 156, 563-588.	3.9	14
6	Walking the line: mechanisms underlying directional mRNA transport and localisation in neurons and beyond. Cellular and Molecular Life Sciences, 2021, 78, 2665-2681.	5.4	18
7	Kidins220 deficiency causes ventriculomegaly via SNX27-retromer-dependent AQP4 degradation. Molecular Psychiatry, 2021, 26, 6411-6426.	7.9	13
8	Dissection, in vivo imaging and analysis of the mouse epitrochleoanconeus muscle. Journal of Anatomy, 2021, , .	1.5	7
9	NMJ-Analyser identifies subtle early changes in mouse models of neuromuscular disease. Scientific Reports, 2021, 11, 12251.	3.3	12
10	FUS-ALS mutants alter FMRP phase separation equilibrium and impair protein translation. Science Advances, 2021, 7, .	10.3	36
11	Exceptionally potent human monoclonal antibodies are effective for prophylaxis and treatment of tetanus in mice. Journal of Clinical Investigation, 2021, 131, .	8.2	8
12	Expanding the Toolkit for In Vivo Imaging of Axonal Transport. Journal of Visualized Experiments, 2021, , .	0.3	8
13	Differential regulation of Kidins220 isoforms in Huntington's disease. Brain Pathology, 2020, 30, 120-136.	4.1	9
14	Travelling Together: A Unifying Pathomechanism forÂALS. Trends in Neurosciences, 2020, 43, 1-2.	8.6	12
15	The evolution of the axonal transport toolkit. Traffic, 2020, 21, 13-33.	2.7	18
16	Altered Sensory Neuron Development in CMT2D Mice Is Site-Specific and Linked to Increased GlyRS Levels. Frontiers in Cellular Neuroscience, 2020, 14, 232.	3.7	9
17	Developmental demands contribute to early neuromuscular degeneration in CMT2D mice. Cell Death and Disease, 2020, 11, 564.	6.3	17
18	Potential human transmission of amyloid Î² pathology: surveillance and risks. Lancet Neurology, The, 2020, 19, 872-878.	10.2	46

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19	<scp>IGF</scp> 1R regulates retrograde axonal transport of signalling endosomes in motor neurons. EMBO Reports, 2020, 21, e49129.	4.5	21
20	FUS ALS-causative mutations impair FUS autoregulation and splicing factor networks through intron retention. Nucleic Acids Research, 2020, 48, 6889-6905.	14.5	70
21	PTPN23 binds the dynein adaptor BICD1 and is required for endocytic sorting of neurotrophin receptors. Journal of Cell Science, 2020, 133, .	2.0	5
22	Morphological variability is greater at developing than mature mouse neuromuscular junctions. Journal of Anatomy, 2020, 237, 603-617.	1.5	25
23	Mice Carrying ALS Mutant TDP-43, but Not Mutant FUS, Display InÂVivo Defects in Axonal Transport of Signaling Endosomes. Cell Reports, 2020, 30, 3655-3662.e2.	6.4	51
24	Loss of BICD2 in muscle drives motor neuron loss in a developmental form of spinal muscular atrophy. Acta Neuropathologica Communications, 2020, 8, 34.	5.2	26
25	A video protocol for rapid dissection of mouse dorsal root ganglia from defined spinal levels. BMC Research Notes, 2020, 13, 302.	1.4	12
26	DYNLRB1 is essential for dynein mediated transport and neuronal survival. Neurobiology of Disease, 2020, 140, 104816.	4.4	15
27	Duplication of clostridial binding domains for enhanced macromolecular delivery into neurons. Toxicon: X, 2020, 5, 100019.	2.9	0
28	In Vivo Imaging of Anterograde and Retrograde Axonal Transport in Rodent Peripheral Nerves. Methods in Molecular Biology, 2020, 2143, 271-292.	0.9	23
29	An Improved Protocol to Purify and Directly Mono-Biotinylate Recombinant BDNF in a Tube for Cellular Trafficking Studies in Neurons. Journal of Visualized Experiments, 2020, , .	0.3	4
30	TSPAN5 Enriched Microdomains Provide a Platform for Dendritic Spine Maturation through Neuroligin-1 Clustering. Cell Reports, 2019, 29, 1130-1146.e8.	6.4	17
31	Axonal transport and neurological disease. Nature Reviews Neurology, 2019, 15, 691-703.	10.1	201
32	Deacetylation of Miro1 by HDAC6 blocks mitochondrial transport and mediates axon growth inhibition. Journal of Cell Biology, 2019, 218, 1871-1890.	5.2	80
33	Spatiotemporal Control of ULK1 Activation by NDP52 and TBK1 during Selective Autophagy. Molecular Cell, 2019, 74, 347-362.e6.	9.7	314
34	Retrograde transport of Akt by a neuronal Rab5-APPL1 endosome. Scientific Reports, 2019, 9, 2433.	3.3	24
35	Functional imaging in microfluidic chambers reveals sensory neuron sensitivity is differentially regulated between neuronal regions. Pain, 2018, 159, 1413-1425.	4.2	6
36	The travel diaries of tetanus and botulinum neurotoxins. Toxicon, 2018, 147, 58-67.	1.6	64

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37	Editorial: TOXINS 2019. Toxicon, 2018, 156, S1.	1.6	0
38	UBA1/GARS-dependent pathways drive sensory-motor connectivity defects in spinal muscular atrophy. Brain, 2018, 141, 2878-2894.	7.6	29
39	The many disguises of the signalling endosome. FEBS Letters, 2018, 592, 3615-3632.	2.8	37
40	Inhibiting p38 MAPK alpha rescues axonal retrograde transport defects in a mouse model of ALS. Cell Death and Disease, 2018, 9, 596.	6.3	84
41	Mitochondrial deficits and abnormal mitochondrial retrograde axonal transport play a role in the pathogenesis of mutant Hsp27-induced Charcot Marie Tooth Disease. Human Molecular Genetics, 2017, 26, 3313-3326.	2.9	43
42	Trk receptor signaling and sensory neuron fate are perturbed in human neuropathy caused by Gars mutations. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3324-E3333.	7.1	61
43	A neuroprotective astrocyte state is induced by neuronal signal EphB1 but fails in ALS models. Nature Communications, 2017, 8, 1164.	12.8	97
44	Compartmentalized Signaling in Neurons: From Cell Biology to Neuroscience. Neuron, 2017, 96, 667-679.	8.1	107
45	Neuropilin 1 sequestration by neuropathogenic mutant glycyl-tRNA synthetase is permissive to vascular homeostasis. Scientific Reports, 2017, 7, 9216.	3.3	25
46	Comparative analyses of glycerotoxin expression unveil a novel structural organization of the bloodworm venom system. BMC Evolutionary Biology, 2017, 17, 64.	3.2	17
47	Methodological advances in imaging intravital axonal transport. F1000Research, 2017, 6, 200.	1.6	33
48	The Dynamic Localization of Cytoplasmic Dynein in Neurons Is Driven by Kinesin-1. Neuron, 2016, 90, 1000-1015.	8.1	95
49	Coxsackievirus Adenovirus Receptor Loss Impairs Adult Neurogenesis, Synapse Content, and Hippocampus Plasticity. Journal of Neuroscience, 2016, 36, 9558-9571.	3.6	29
50	Targeting protein homeostasis in sporadic inclusion body myositis. Science Translational Medicine, 2016, 8, 331ra41.	12.4	99
51	A simple, step-by-step dissection protocol for the rapid isolation of mouse dorsal root ganglia. BMC Research Notes, 2016, 9, 82.	1.4	106
52	Analysis of Signaling Endosome Composition and Dynamics Using SILAC in Embryonic Stem Cell-Derived Neurons. Molecular and Cellular Proteomics, 2016, 15, 542-557.	3.8	30
53	In vivo imaging of axonal transport in murine motor and sensory neurons. Journal of Neuroscience Methods, 2016, 257, 26-33.	2.5	47
54	Neuronal retrograde transport of Borna disease virus occurs in signalling endosomes. Journal of General Virology, 2016, 97, 3215-3224.	2.9	7

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55	Novel Kidins220/ARMS Splice Isoforms: Potential Specific Regulators of Neuronal and Cardiovascular Development. PLoS ONE, 2015, 10, e0129944.	2.5	11
56	Uptake and transport of clostridial neurotoxins. , 2015, , 337-360.		4
57	Mon1-Ccz1 activates Rab7 only on late endosome and dissociates from lysosome in mammalian cells. Journal of Cell Science, 2015, 129, 329-40.	2.0	39
58	Regulation of Axonal Transport by Protein Kinases. Trends in Biochemical Sciences, 2015, 40, 597-610.	7.5	104
59	Modeling Human Neural Functionality In Vitro: Three-Dimensional Culture for Dopaminergic Differentiation. Tissue Engineering - Part A, 2015, 21, 654-668.	3.1	44
60	siRNA screen of ES cell-derived motor neurons identifies novel regulators of tetanus toxin and neurotrophin receptor trafficking. Frontiers in Cellular Neuroscience, 2014, 8, 140.	3.7	16
61	Bicaudalâ€<scp>D</scp>1 regulates the intracellular sorting and signalling of neurotrophin receptors. EMBO Journal, 2014, 33, 1582-1598.	7.8	34
62	TiME for TMEM106B. EMBO Journal, 2014, 33, 405-406.	7.8	1
63	Nidogens are therapeutic targets for the prevention of tetanus. Science, 2014, 346, 1118-1123.	12.6	62
64	Signalling endosomes in axonal transport: Travel updates on the molecular highway. Seminars in Cell and Developmental Biology, 2014, 27, 32-43.	5.0	76
65	Disruption of the Coxsackievirus and Adenovirus Receptor-Homodimeric Interaction Triggers Lipid Microdomain- and Dynamin-dependent Endocytosis and Lysosomal Targeting. Journal of Biological Chemistry, 2014, 289, 680-695.	3.4	40
66	DYNC1H1 mutation alters transport kinetics and ERK1/2-cFos signalling in a mouse model of distal spinal muscular atrophy. Brain, 2014, 137, 1883-1893.	7.6	21
67	Dysregulation of gene expression as a cause of Cockayne syndrome neurological disease. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14454-14459.	7.1	78
68	Rabies Virus Envelope Glycoprotein Targets Lentiviral Vectors to the Axonal Retrograde Pathway in Motor Neurons. Journal of Biological Chemistry, 2014, 289, 16148-16163.	3.4	29
69	Cytoplasmic dynein heavy chain: the servant of many masters. Trends in Neurosciences, 2013, 36, 641-651.	8.6	111
70	Evidence-based review and assessment of botulinum neurotoxin for the treatment of secretory disorders. Toxicon, 2013, 67, 141-152.	1.6	82
71	Synthetic Self-Assembling Clostridial Chimera for Modulation of Sensory Functions. Bioconjugate Chemistry, 2013, 24, 1750-1759.	3.6	31
72	Charcotâ€“Marieâ€“Tooth type 2B disease-causing RAB7A mutant proteins show altered interaction with the neuronal intermediate filament peripherin. Acta Neuropathologica, 2013, 125, 257-272.	7.7	47

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73	Botulinum neurotoxins: Mechanism of action. Toxicon, 2013, 67, 87-93.	1.6	80
74	Alternative energy for neuronal motors. Nature, 2013, 495, 178-179.	27.8	7
75	Evidence-based review and assessment of botulinum neurotoxin for the treatment of urologic conditions. Toxicon, 2013, 67, 129-140.	1.6	30
76	Alternative fates of newly formed PrPSc upon prion conversion on the plasma membrane. Journal of Cell Science, 2013, 126, 3552-62.	2.0	67
77	Kidins220/ARMS mediates the integration of the neurotrophin and VEGF pathways in the vascular and nervous systems. Cell Death and Differentiation, 2012, 19, 194-208.	11.2	62
78	Botulinum Neurotoxins A and E Undergo Retrograde Axonal Transport in Primary Motor Neurons. PLoS Pathogens, 2012, 8, e1003087.	4.7	164
79	Kidins220/ARMS as a functional mediator of multiple receptor signalling pathways. Journal of Cell Science, 2012, 125, 1845-54.	2.0	55
80	A Motor-Driven Mechanism for Cell-Length Sensing. Cell Reports, 2012, 1, 608-616.	6.4	55
81	Genetic Insights into Mammalian Cytoplasmic Dynein Function Provided by Novel Mutations in the Mouse. , 2012, , 482-503.		0
82	Kidins220/ARMS Is a Novel Modulator of Short-Term Synaptic Plasticity in Hippocampal GABAergic Neurons. PLoS ONE, 2012, 7, e35785.	2.5	14
83	Activated leukocyte cell adhesion molecule modulates neurotrophin signaling. Journal of Neurochemistry, 2012, 121, 575-586.	3.9	14
84	The Elusive Compass of Clostridial Neurotoxins: Deciding When and Where to Go?. Current Topics in Microbiology and Immunology, 2012, 364, 91-113.	1.1	33
85	CSN complex controls the stability of selected synaptic proteins via a torsinA-dependent process. EMBO Journal, 2011, 30, 181-193.	7.8	39
86	Kidins220/ARMS is an essential modulator of cardiovascular and nervous system development. Cell Death and Disease, 2011, 2, e226-e226.	6.3	50
87	Re-Assembled Botulinum Neurotoxin Inhibits CNS Functions without Systemic Toxicity. Toxins, 2011, 3, 345-355.	3.4	31
88	Absence of disturbed axonal transport in spinal and bulbar muscular atrophy. Human Molecular Genetics, 2011, 20, 1776-1786.	2.9	48
89	ADP ribosylation factor 6 (ARF6) controls amyloid precursor protein (APP) processing by mediating the endosomal sorting of BACE1. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E559-68.	7.1	221
90	TorsinA and DYT1 dystonia: a synaptopathy?. Biochemical Society Transactions, 2010, 38, 452-456.	3.4	17

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91	The more, the better: the BICD family gets bigger. EMBO Journal, 2010, 29, 1625-1626.	7.8	14
92	A hitchhiker's guide to the nervous system: the complex journey of viruses and toxins. Nature Reviews Microbiology, 2010, 8, 645-655.	28.6	153
93	Modification of Superoxide Dismutase 1 (SOD1) Properties by a GFP Tag â€“ Implications for Research into Amyotrophic Lateral Sclerosis (ALS). PLoS ONE, 2010, 5, e9541.	2.5	63
94	Kidins220/ARMS regulates Rac1-dependent neurite outgrowth by direct interaction with the RhoGEF Trio. Journal of Cell Science, 2010, 123, 2111-2123.	2.0	60
95	Sustained synaptic-vesicle recycling by bulk endocytosis contributes to the maintenance of high-rate neurotransmitter release stimulated by glycerotoxin. Journal of Cell Science, 2010, 123, 1131-1140.	2.0	25
96	Deficits in axonal transport precede ALS symptoms in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20523-20528.	7.1	351
97	Ligand-independent signaling by disulfide-crosslinked dimers of the p75 neurotrophin receptor. Journal of Cell Science, 2009, 122, 3351-3357.	2.0	54
98	Activation of MDA5 Requires Higher-Order RNA Structures Generated during Virus Infection. Journal of Virology, 2009, 83, 10761-10769.	3.4	377
99	Receptor-Dependent and -Independent Axonal Retrograde Transport of Poliovirus in Motor Neurons. Journal of Virology, 2009, 83, 4995-5004.	3.4	49
100	Immunocytochemical techniques reveal multiple, distinct cellular pools of PtdIns4P and PtdIns(4,5)P2. Biochemical Journal, 2009, 422, 23-35.	3.7	265
101	CAR-Associated Vesicular Transport of an Adenovirus in Motor Neuron Axons. PLoS Pathogens, 2009, 5, e1000442.	4.7	105
102	TorsinA and dystonia: from nuclear envelope to synapse. Journal of Neurochemistry, 2009, 109, 1596-1609.	3.9	58
103	Analysis of lectin binding to glycolipid complexes using combinatorial glycoarrays. Glycobiology, 2009, 19, 789-796.	2.5	57
104	Central effects of tetanus and botulinum neurotoxins. Toxicon, 2009, 54, 593-599.	1.6	101
105	Activation of the p75 Neurotrophin Receptor through Conformational Rearrangement of Disulphide-Linked Receptor Dimers. Neuron, 2009, 62, 72-83.	8.1	134
106	Gene expression profile of quinacrine-cured prion-infected mouse neuronal cells. Journal of Neurochemistry, 2008, 105, 239-250.	3.9	12
107	Molecular landmarks along the axonal route: axonal transport in health and disease. Current Opinion in Cell Biology, 2008, 20, 445-453.	5.4	78
108	Liaisons dangereuses: autophagy, neuronal survival and neurodegeneration. Current Opinion in Neurobiology, 2008, 18, 504-515.	4.2	82

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109	The Dystonia-associated Protein TorsinA Modulates Synaptic Vesicle Recycling. Journal of Biological Chemistry, 2008, 283, 7568-7579.	3.4	100
110	Coordinated regulation of AP2 uncoating from clathrin-coated vesicles by rab5 and hRME-6. Journal of Cell Biology, 2008, 183, 499-511.	5.2	107
111	Calcium Influx and Mitochondrial Alterations at Synapses Exposed to Snake Neurotoxins or Their Phospholipid Hydrolysis Products. Journal of Biological Chemistry, 2007, 282, 11238-11245.	3.4	61
112	Large-scale pathways-based association study in amyotrophic lateral sclerosis. Brain, 2007, 130, 2292-2301.	7.6	32
113	Kidins220/ARMS Is Transported by a Kinesin-1â€“based Mechanism Likely to be Involved in Neuronal Differentiation. Molecular Biology of the Cell, 2007, 18, 142-152.	2.1	51
114	Polyphosphoinositol lipids: Under-PPInning synaptic function in health and disease. Developmental Neurobiology, 2007, 67, 1232-1247.	3.0	14
115	Spastin and microtubules: Functions in health and disease. Journal of Neuroscience Research, 2007, 85, 2778-2782.	2.9	70
116	Interaction of tau protein with the dynactin complex. EMBO Journal, 2007, 26, 4546-4554.	7.8	171
117	The phagocytic capacity of neurones. European Journal of Neuroscience, 2007, 25, 2947-2955.	2.6	41
118	Neurotrophins Redirect p75^{NTR} from a Clathrinâ€Independent to a Clathrinâ€Dependent Endocytic Pathway Coupled to Axonal Transport. Traffic, 2007, 8, 1736-1749.	2.7	71
119	Elimination of plasma membrane phosphatidylinositol (4,5)-bisphosphate is required for exocytosis from mast cells. Journal of Cell Science, 2006, 119, 2084-2094.	2.0	61
120	Rab5 and Rab7 Control Endocytic Sorting along the Axonal Retrograde Transport Pathway. Neuron, 2006, 52, 293-305.	8.1	413
121	Glycerotoxin stimulates neurotransmitter release from N-type Ca2+ channel expressing neurons. Journal of Neurochemistry, 2006, 98, 894-904.	3.9	16
122	Dangerous liaisons on neurons. Nature, 2006, 444, 1019-1020.	27.8	14
123	Tetanus toxin is internalized by a sequential clathrin-dependent mechanism initiated within lipid microdomains and independent of epsin1. Journal of Cell Biology, 2006, 174, 459-471.	5.2	118
124	Uptake and transport of Clostridium neurotoxins. , 2006, , 390-408.		9
125	Human spastin has multiple microtubule-related functions. Journal of Neurochemistry, 2005, 95, 1411-1420.	3.9	54
126	SNARE complexes and neuroexocytosis: how many, how close?. Trends in Biochemical Sciences, 2005, 30, 367-372.	7.5	161

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127	Mutant torsinA, which causes early-onset primary torsion dystonia, is redistributed to membranous structures enriched in vesicular monoamine transporter in cultured human SH-SY5Y cells. Movement Disorders, 2005, 20, 432-440.	3.9	48
128	A mutation in dynein rescues axonal transport defects and extends the life span of ALS mice. Journal of Cell Biology, 2005, 169, 561-567.	5.2	223
129	Tetanus Toxin Is Transported in a Novel Neuronal Compartment Characterized by a Specialized pH Regulation*. Journal of Biological Chemistry, 2005, 280, 42336-42344.	3.4	85
130	Spatially Distinct Binding of Cdc42 to PAK1 and N-WASP in Breast Carcinoma Cells. Molecular and Cellular Biology, 2005, 25, 1680-1695.	2.3	90
131	Phosphatidylinositol 3-Kinase C2Î± Is Essential for ATP-dependent Priming of Neurosecretory Granule Exocytosis. Molecular Biology of the Cell, 2005, 16, 4841-4851.	2.1	106
132	The SOD1 transgene in the G93A mouse model of amyotrophic lateral sclerosis lies on distal mouse chromosome 12. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2005, 6, 111-114.	2.1	19
133	Equivalent Effects of Snake PLA2 Neurotoxins and Lysophospholipid-Fatty Acid Mixtures. Science, 2005, 310, 1678-1680.	12.6	180
134	Endocytosis and retrograde axonal traffic in motor neurons.. Biochemical Society Symposia, 2005, 72, 139-150.	2.7	24
135	Motors, adaptors, and receptors: Key elements of neuronal transport. Journal of Neurobiology, 2004, 58, 161-163.	3.6	1
136	Snake presynaptic neurotoxins with phospholipase A2 activity induce punctate swellings of neurites and exocytosis of synaptic vesicles. Journal of Cell Science, 2004, 117, 3561-3570.	2.0	63
137	Presynaptic receptor arrays for clostridial neurotoxins. Trends in Microbiology, 2004, 12, 442-446.	7.7	147
138	Functional Recycling of C2 Domains Throughout Evolution: A Comparative Study of Synaptotagmin, Protein Kinase C and Phospholipase C by Sequence, Structural and Modelling Approaches. Journal of Molecular Biology, 2003, 333, 621-639.	4.2	33
139	VAMP/synaptobrevin cleavage by tetanus and botulinum neurotoxins is strongly enhanced by acidic liposomes. FEBS Letters, 2003, 542, 132-136.	2.8	28
140	The journey of tetanus and botulinum neurotoxins in neurons. Trends in Microbiology, 2003, 11, 431-437.	7.7	206
141	Myosin Va and microtubule-based motors are required for fast axonal retrograde transport of tetanus toxin in motor neurons. Journal of Cell Science, 2003, 116, 4639-4650.	2.0	80
142	Mutations in Dynein Link Motor Neuron Degeneration to Defects in Retrograde Transport. Science, 2003, 300, 808-812.	12.6	652
143	Long chain polyunsaturated fatty acids are required for efficient neurotransmission in C. elegans. Journal of Cell Science, 2003, 116, 4965-4975.	2.0	139
144	Purification and Characterization of the Human Elongator Complex. Journal of Biological Chemistry, 2002, 277, 3047-3052.	3.4	230

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145	Analysis of retrograde transport in motor neurons reveals common endocytic carriers for tetanus toxin and neurotrophin receptor p75NTR. Journal of Cell Biology, 2002, 156, 233-240.	5.2	160
146	Botulinum neurotoxins: from paralysis to recovery of functional neuromuscular transmission. Journal of Physiology (Paris), 2002, 96, 105-113.	2.1	190
147	Glycerotoxin from Glycera convoluta stimulates neurosecretion by up-regulating N-type Ca2+ channel activity. EMBO Journal, 2002, 21, 6733-6743.	7.8	51
148	The Subcellular Distribution of GABARAP and Its Ability to Interact with NSF Suggest a Role for This Protein in the Intracellular Transport of GABAA Receptors. Molecular and Cellular Neurosciences, 2001, 18, 13-25.	2.2	217
149	Lipid microdomains are involved in neurospecific binding and internalisation of clostridial neurotoxins. International Journal of Medical Microbiology, 2001, 291, 447-453.	3.6	22
150	Phosphoinositides as Key Regulators of Synaptic Function. Neuron, 2001, 32, 9-12.	8.1	66
151	Tetanus and botulinum neurotoxins: turning bad guys into good by research. Toxicon, 2001, 39, 27-41.	1.6	158
152	The bacterial toxin toolkit. Nature Reviews Molecular Cell Biology, 2001, 2, 530-537.	37.0	152
153	Lipid Rafts Act as Specialized Domains for Tetanus Toxin Binding and Internalization into Neurons. Molecular Biology of the Cell, 2001, 12, 2947-2960.	2.1	154
154	Direct Interaction of the Rab3 Effector RIM with Ca2+Channels, SNAP-25, and Synaptotagmin. Journal of Biological Chemistry, 2001, 276, 32756-32762.	3.4	184
155	Nuclear PtdIns(4,5)P2 assembles in a mitotically regulated particle involved in pre-mRNA splicing. Journal of Cell Science, 2001, 114, 2501-2511.	2.0	195
156	C-terminal half of tetanus toxin fragment C is sufficient for neuronal binding and interaction with a putative protein receptor. Biochemical Journal, 2000, 347, 199.	3.7	45
157	Analysis of mutants of tetanus toxin HC fragment: ganglioside binding, cell binding and retrograde axonal transport properties. Molecular Microbiology, 2000, 37, 1041-1051.	2.5	67
158	Analysis of mutants of tetanus toxin HC fragment: ganglioside binding, cell binding and retrograde axonal transport properties. Molecular Microbiology, 2000, 38, 916-916.	2.5	0
159	Neurotoxins Affecting Neuroexocytosis. Physiological Reviews, 2000, 80, 717-766.	28.8	1,141
160	Identification and Cloning of Kidins220, a Novel Neuronal Substrate of Protein Kinase D. Journal of Biological Chemistry, 2000, 275, 40048-40056.	3.4	141
161	C-terminal half of tetanus toxin fragment C is sufficient for neuronal binding and interaction with a putative protein receptor. Biochemical Journal, 2000, 347, 199-204.	3.7	77
162	Bacterial toxins with intracellular protease activity. Clinica Chimica Acta, 2000, 291, 189-199.	1.1	30

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163	Tetanus Toxin Fragment C Binds to a Protein Present in Neuronal Cell Lines and Motoneurons. Journal of Neurochemistry, 2000, 74, 1941-1950.	3.9	76
164	Calcium-dependent Oligomerization of Synaptotagmins I and II. Journal of Biological Chemistry, 1999, 274, 59-66.	3.4	94
165	A handle on NSF. Nature Cell Biology, 1999, 1, E127-E128.	10.3	12
166	An NSF function distinct from ATPase-dependent SNARE disassembly is essential for Golgi membrane fusion. Nature Cell Biology, 1999, 1, 335-340.	10.3	58
167	Tetanus and botulinum neurotoxins: mechanism of action and therapeutic uses. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 259-268.	4.0	252
168	Neuronal bullet. Trends in Microbiology, 1998, 6, 136.	7.7	0
169	Synaptotagmins: More Isoforms Than Functions?. Biochemical and Biophysical Research Communications, 1998, 248, 1-8.	2.1	108
170	ADP-ribosylation factor and phosphatidic acid levels in Golgi membranes during budding of coatomer-coated vesicles. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 13676-13680.	7.1	54
171	Molecular analysis of neurotransmitter release. Essays in Biochemistry, 1998, 33, 29-41.	4.7	13
172	Metal substitution of tetanus neurotoxin. Biochemical Journal, 1997, 322, 507-510.	3.7	22
173	Binding of the synaptic vesicle v-SNARE, synaptotagmin, to the plasma membrane t-SNARE, SNAP-25, can explain docked vesicles at neurotoxin-treated synapses. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 997-1001.	7.1	288
174	The Structure and Mode of Action of Botulinum and Tetanus Toxins. , 1997, , 295-322.		8
175	Calcium-dependent switching of the specificity of phosphoinositide binding to synaptotagmin. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13327-13332.	7.1	284
176	Synaptic vesicle endocytosis mediates the entry of tetanus neurotoxin into hippocampal neurons. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13310-13315.	7.1	126
177	Botulinum neurotoxins: mechanism of action and therapeutic applications. Trends in Molecular Medicine, 1996, 2, 418-424.	2.6	74
178	Bacterial protein toxins and cell vesicle trafficking. Experientia, 1996, 52, 1026-1032.	1.2	17
179	X-ray Absorption Spectroscopy Study of Zinc Coordination in Tetanus Neurotoxin, Astacin, Alkaline Protease and Thermolysin. FEBS Journal, 1996, 235, 606-612.	0.2	19
180	Common and distinct fusion proteins in axonal growth and transmitter release. , 1996, 367, 222-234.		192

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