Bor Luen Tang

List of Publications by Year
in descending order

210 papers	8,743 citations	41258 49 h-index	58464 82 g-index
210 all docs	210 docs citations	210 times ranked	13064 citing authors

#	Article	IF	Citations
1	Early/recycling endosomes-to-TGN transport involves two SNARE complexes and a Rab6 isoform. Journal of Cell Biology, 2002, 156, 653-664.	2.3	479
2	Sirt1 and the Mitochondria. Molecules and Cells, 2016, 39, 87-95.	1.0	479
3	Toxicity of Microplastics and Nanoplastics in Mammalian Systems. International Journal of Environmental Research and Public Health, 2020, 17, 1509.	1.2	423
4	ADAMTS: a novel family of extracellular matrix proteases. International Journal of Biochemistry and Cell Biology, 2001, 33, 33-44.	1.2	294
5	Rescue of Î”F508-CFTR Trafficking via a GRASP-Dependent Unconventional Secretion Pathway. Cell, 2011, 146, 746-760.	13.5	274
6	Cellular COPII Proteins Are Involved in Production of the Vesicles That Form the Poliovirus Replication Complex. Journal of Virology, 2001, 75, 9808-9818.	1.5	200
7	Sirtuins' modulation of autophagy. Journal of Cellular Physiology, 2013, 228, 2262-2270.	2.0	177
8	Participation of the Syntaxin 5/Ykt6/GS28/GS15 SNARE Complex in Transport from the Early/Recycling Endosome to the Trans-Golgi Network. Molecular Biology of the Cell, 2004, 15, 4011-4022.	0.9	159
9	SIRT1 in the brainâ€”connections with aging-associated disorders and lifespan. Frontiers in Cellular Neuroscience, 2015, 9, 64.	1.8	137
10	Localization and Recycling of gp27 (hp24Î³₃): Complex Formation with Other p24 Family Members. Molecular Biology of the Cell, 1999, 10, 1939-1955.	0.9	135
11	Rab GTPases and their roles in brain neurons and glia. Brain Research Reviews, 2008, 58, 236-246.	9.1	134
12	The syntaxins. Genome Biology, 2001, 2, reviews3012.1.	13.9	129
13	Involvement of members of the Rab family and related small GTPases in autophagosome formation and maturation. Cellular and Molecular Life Sciences, 2011, 68, 3349-3358.	2.4	116
14	An alarming retraction rate for scientific publications on Coronavirus Disease 2019 (COVID-19). Accountability in Research, 2021, 28, 47-53.	1.6	110
15	Axonal regeneration in adult CNS neurons ? signaling molecules and pathways. Journal of Neurochemistry, 2006, 96, 1501-1508.	2.1	100
16	SIRT1 and neuronal diseases. Molecular Aspects of Medicine, 2008, 29, 187-200.	2.7	100
17	Glucose, glycolysis, and neurodegenerative diseases. Journal of Cellular Physiology, 2020, 235, 7653-7662.	2.0	98
18	Regulation of Nogo and Nogo receptor during the development of the entorhino-hippocampal pathway and after adult hippocampal lesions. Molecular and Cellular Neurosciences, 2004, 26, 34-49.	1.0	96

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19	Integrative Genomics Identifies<i>RAB23</i>as an Invasion Mediator Gene in Diffuse-Type Gastric Cancer. Cancer Research, 2008, 68, 4623-4630.	0.4	93
20	AMIGO and friends: An emerging family of brain-enriched, neuronal growth modulating, type I transmembrane proteins with leucine-rich repeats (LRR) and cell adhesion molecule motifs. Brain Research Reviews, 2006, 51, 265-274.	9.1	91
21	Emerging roles for Rab family GTPases in human cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2009, 1795, 110-116.	3.3	91
22	COPII and exit from the endoplasmic reticulum. Biochimica Et Biophysica Acta - Molecular Cell Research, 2005, 1744, 293-303.	1.9	85
23	MIRO GTPases in Mitochondrial Transport, Homeostasis and Pathology. Cells, 2016, 5, 1.	1.8	82
24	Protein trafficking mechanisms associated with neurite outgrowth and polarized sorting in neurons. Journal of Neurochemistry, 2008, 79, 923-930.	2.1	78
25	Mammalian Homologues of Yeast Sec31p. Journal of Biological Chemistry, 2000, 275, 13597-13604.	1.6	76
26	ADAMTS: A novel family of proteases with an ADAM protease domain and thrombospondin 1 repeats. FEBS Letters, 1999, 445, 223-225.	1.3	74
27	Syntaxin 12, a Member of the Syntaxin Family Localized to the Endosome. Journal of Biological Chemistry, 1998, 273, 6944-6950.	1.6	73
28	A Membrane Protein Enriched in Endoplasmic Reticulum Exit Sites Interacts with COPII. Journal of Biological Chemistry, 2001, 276, 40008-40017.	1.6	72
29	A Family of Mammalian Proteins Homologous to Yeast Sec24p. Biochemical and Biophysical Research Communications, 1999, 258, 679-684.	1.0	68
30	A Novel Synaptobrevin/VAMP Homologous Protein (VAMP5) Is Increased during In Vitro Myogenesis and Present in the Plasma Membrane. Molecular Biology of the Cell, 1998, 9, 2423-2437.	0.9	65
31	Neuronal protein trafficking associated with Alzheimer disease. Cell Adhesion and Migration, 2009, 3, 118-128.	1.1	64
32	SNAREs in neurons â€“ beyond synaptic vesicle exocytosis (Review). Molecular Membrane Biology, 2006, 23, 377-384.	2.0	62
33	Rabs and other small GTPases in ciliary transport. Biology of the Cell, 2011, 103, 209-221.	0.7	62
34	The Mammalian Protein (rbet1) Homologous to Yeast Bet1p Is Primarily Associated with the Pre-Golgi Intermediate Compartment and Is Involved in Vesicular Transport from the Endoplasmic Reticulum to the Golgi Apparatus. Journal of Cell Biology, 1997, 139, 1157-1168.	2.3	60
35	Molecular Cloning and Localization of Human Syntaxin 16, a Member of the Syntaxin Family of SNARE Proteins. Biochemical and Biophysical Research Communications, 1998, 242, 673-679.	1.0	60
36	Morphological and Functional Association of Sec22b/ERS-24 with the pre-Golgi Intermediate Compartment. Molecular Biology of the Cell, 1999, 10, 435-453.	0.9	60

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37	Leptin as a neuroprotective agent. Biochemical and Biophysical Research Communications, 2008, 368, 181-185.	1.0	58
38	The role of the small <scp>GTP</scp>ase Rab31 in cancer. Journal of Cellular and Molecular Medicine, 2015, 19, 1-10.	1.6	58
39	Interferon-Î² administration confers a beneficial outcome in a rabbit model of thromboembolic cerebral ischemia. Neuroscience Letters, 2002, 327, 146-148.	1.0	57
40	Novel modulators of amyloid-? precursor protein processing. Journal of Neurochemistry, 2007, 100, 314-323.	2.1	57
41	p125A exists as part of the mammalian Sec13/Sec31 COPII subcomplex to facilitate ER-Golgi transport. Journal of Cell Biology, 2010, 190, 331-345.	2.3	57
42	Rab 10â€"a traffic controller in multiple cellular pathways and locations. Journal of Cellular Physiology, 2018, 233, 6483-6494.	2.0	57
43	SIRT7 and hepatic lipid metabolism. Frontiers in Cell and Developmental Biology, 2015, 3, 1.	1.8	56
44	A 29-Kilodalton Golgi SolubleN-Ethylmaleimide-sensitive Factor Attachment Protein Receptor (Vti1-rp2) Implicated in Protein Trafficking in the Secretory Pathway. Journal of Biological Chemistry, 1998, 273, 21783-21789.	1.6	54
45	Rabs and cancer cell motility. Cytoskeleton, 2009, 66, 365-370.	4.4	54
46	The biochemistry and cell biology of aging: metabolic regulation through mitochondrial signaling. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E581-E591.	1.8	53
47	Protein trafficking along the exocytotic pathway. BioEssays, 1993, 15, 231-238.	1.2	52
48	Ultrastructural characterization of endoplasmic reticulum â€" Golgi transport containers (EGTC). Journal of Cell Science, 2002, 115, 4263-4273.	1.2	52
49	Syntaxin 11: A Member of the Syntaxin Family without a Carboxyl Terminal Transmembrane Domain. Biochemical and Biophysical Research Communications, 1998, 245, 627-632.	1.0	51
50	Inhibitors of neuronal regeneration: mediators and signaling mechanisms. Neurochemistry International, 2003, 42, 189-203.	1.9	51
51	Nogo-A expression in mouse central nervous system neurons. Neuroscience Letters, 2002, 328, 257-260.	1.0	50
52	Alzheimerâ€™s disease: Channeling APP to non-amyloidogenic processing. Biochemical and Biophysical Research Communications, 2005, 331, 375-378.	1.0	50
53	Syntaxin 10: A Member of the Syntaxin Family Localized to theTrans-Golgi Network. Biochemical and Biophysical Research Communications, 1998, 242, 345-350.	1.0	49
54	SIRT1, neuronal cell survival and the insulin/IGF-1 aging paradox. Neurobiology of Aging, 2006, 27, 501-505.	1.5	49

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55	Location and membrane sources for autophagosome formation â€“ from ER-mitochondria contact sites to Golgi-endosome-derived carriers. Molecular Membrane Biology, 2013, 30, 394-402.	2.0	49
56	Rab35 â€“ A vesicular trafficâ€regulating small GTPase with actin modulating roles. FEBS Letters, 2010, 584, 1-6.	1.3	48
57	Nogo-A at CNS paranodes is a ligand of Caspr: possible regulation of K+ channel localization. EMBO Journal, 2003, 22, 5666-5678.	3.5	47
58	Nonâ€classical membrane trafficking processes galore. Journal of Cellular Physiology, 2012, 227, 3722-3730.	2.0	47
59	Neuroprotection by glucoseâ€6â€phosphate dehydrogenase and the pentose phosphate pathway. Journal of Cellular Biochemistry, 2019, 120, 14285-14295.	1.2	47
60	Nogo-66 and myelin-associated glycoprotein (MAG) inhibit the adhesion and migration of Nogo-66 receptor expressing human glioma cells. Journal of Neurochemistry, 2004, 90, 1156-1162.	2.1	46
61	Why do Nogo/Nogo-66 receptor gene knockouts result in inferior regeneration compared to treatment with neutralizing agents?. Journal of Neurochemistry, 2005, 94, 865-874.	2.1	46
62	Cell autonomous function of nogo and reticulons: The emerging story at the endoplasmic reticulum. Journal of Cellular Physiology, 2008, 216, 303-308.	2.0	46
63	miR-34a in Neurophysiology and Neuropathology. Journal of Molecular Neuroscience, 2019, 67, 235-246.	1.1	46
64	Molecular genetic determinants of human brain size. Biochemical and Biophysical Research Communications, 2006, 345, 911-916.	1.0	45
65	Trans-Golgi network syntaxin 10 functions distinctly from syntaxins 6 and 16. Molecular Membrane Biology, 2005, 22, 313-325.	2.0	44
66	Intracellular Uropathogenic E. coli Exploits Host Rab35 for Iron Acquisition and Survival within Urinary Bladder Cells. PLoS Pathogens, 2015, 11, e1005083.	2.1	44
67	Rab23: What Exactly Does it Traffic?. Traffic, 2006, 7, 746-750.	1.3	43
68	Open brain gene product Rab23: Expression pattern in the adult mouse brain and functional characterization. Journal of Neuroscience Research, 2006, 83, 1118-1127.	1.3	42
69	Rab GTPases regulating receptor trafficking at the late endosomeâ€“lysosome membranes. Cell Biochemistry and Function, 2012, 30, 515-523.	1.4	42
70	A novel role for Rab23 in the trafficking of Kif17 to the primary cilium. Journal of Cell Science, 2015, 128, 2996-3008.	1.2	42
71	Sirt1's systemic protective roles and its promise as a target in antiaging medicine. Translational Research, 2011, 157, 276-284.	2.2	41
72	SIRT1 as a therapeutic target for Alzheimerâ€™s disease. Reviews in the Neurosciences, 2016, 27, 813-825.	1.4	41

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73	Neural differentiation and potential use of stem cells from the human umbilical cord for central nervous system transplantation therapy. Journal of Neuroscience Research, 2008, 86, 1670-1679.	1.3	40
74	Neuropathological Mechanisms Associated with Pesticides in Alzheimerâ€™s Disease. Toxics, 2020, 8, 21.	1.6	40
75	The amyloid precursor protein and postnatal neurogenesis/neuroregeneration. Biochemical and Biophysical Research Communications, 2006, 341, 1-5.	1.0	39
76	Resveratrol is neuroprotective because it is not a direct activator of Sirt1â€"A hypothesis. Brain Research Bulletin, 2010, 81, 359-361.	1.4	37
77	Sirtuins as modifiers of Parkinson's disease pathology. Journal of Neuroscience Research, 2017, 95, 930-942.	1.3	37
78	SIRT2, tubulin deacetylation, and oligodendroglia differentiation. Cytoskeleton, 2008, 65, 179-182.	4.4	36
79	Engagement of the Small GTPase Rab31 Protein and Its Effector, Early Endosome Antigen 1, Is Important for Trafficking of the Ligand-bound Epidermal Growth Factor Receptor from the Early to the Late Endosome. Journal of Biological Chemistry, 2014, 289, 12375-12389.	1.6	36
80	Sirt1â€™s Complex Roles in Neuroprotection. Cellular and Molecular Neurobiology, 2009, 29, 1093-1103.	1.7	35
81	Nogos and the Nogo-66 receptor: Factors inhibiting CNS neuron regeneration. Journal of Neuroscience Research, 2002, 67, 559-565.	1.3	34
82	Emerging aspects of membrane traffic in neuronal dendrite growth. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 169-176.	1.9	34
83	The cell biology of Chikungunya virus infection. Cellular Microbiology, 2012, 14, 1354-1363.	1.1	34
84	Rab22Bâ€™s role in trans-Golgi network membrane dynamics. Biochemical and Biophysical Research Communications, 2007, 361, 751-757.	1.0	33
85	Syntaxin 16 Binds to Cystic Fibrosis Transmembrane Conductance Regulator and Regulates Its Membrane Trafficking in Epithelial Cells. Journal of Biological Chemistry, 2010, 285, 35519-35527.	1.6	33
86	The Cystic Fibrosis Transmembrane Conductance Regulator's Expanding SNARE Interactome. Traffic, 2011, 12, 364-371.	1.3	31
87	The Expanding Therapeutic Potential of Neuronal KCC2. Cells, 2020, 9, 240.	1.8	31
88	Environmental enrichment and neurodegenerative diseases. Biochemical and Biophysical Research Communications, 2005, 334, 293-297.	1.0	30
89	The Evi5 family in cellular physiology and pathology. FEBS Letters, 2013, 587, 1703-1710.	1.3	30
90	A Mitochondrial Encoded Messenger at the Nucleus. Cells, 2018, 7, 105.	1.8	30

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91	Hsec22c: A Homolog of Yeast Sec22p and Mammalian rsec22a and msec22b/ERS-24. Biochemical and Biophysical Research Communications, 1998, 243, 885-891.	1.0	29
92	Rab23 Regulates Differentiation of ATDC5 Chondroprogenitor Cells. Journal of Biological Chemistry, 2008, 283, 10649-10657.	1.6	28
93	Cdh1-APC/C, cyclin B-Cdc2, and Alzheimerâ€™s disease pathology. Biochemical and Biophysical Research Communications, 2006, 339, 1-6.	1.0	27
94	Rabs, SNAREs and Î±-synuclein â€" Membrane trafficking defects in synucleinopathies. Brain Research Reviews, 2011, 67, 268-281.	9.1	27
95	C9orf72â€™s Interaction with Rab GTPasesâ€"Modulation of Membrane Traffic and Autophagy. Frontiers in Cellular Neuroscience, 2016, 10, 228.	1.8	27
96	Rab22B is expressed in the CNS astroglia lineage and plays a role in epidermal growth factor receptor trafficking in A431 cells. Journal of Cellular Physiology, 2009, 221, 716-728.	2.0	26
97	AMIGO is expressed in multiple brain cell types and may regulate dendritic growth and neuronal survival. Journal of Cellular Physiology, 2012, 227, 2217-2229.	2.0	26
98	Zika virus as a causative agent for primary microencephaly: the evidence so far. Archives of Microbiology, 2016, 198, 595-601.	1.0	26
99	Rab7a and Mitophagosome Formation. Cells, 2019, 8, 224.	1.8	26
100	Syntaxin 16: Unraveling cellular physiology through a ubiquitous SNARE molecule. Journal of Cellular Physiology, 2010, 225, 326-332.	2.0	25
101	Role of Rab GTPases and their interacting proteins in mediating metabolic signalling and regulation. Cellular and Molecular Life Sciences, 2015, 72, 2289-2304.	2.4	24
102	Brain activity-induced neuronal glucose uptake/glycolysis: Is the lactate shuttle not required?. Brain Research Bulletin, 2018, 137, 225-228.	1.4	24
103	Amyloid Precursor Protein (APP) and GABAergic Neurotransmission. Cells, 2019, 8, 550.	1.8	24
104	Preparing the senior or graduating student for graduate research. Biochemistry and Molecular Biology Education, 2005, 33, 277-280.	0.5	23
105	Sonic hedgehog as a chemoattractant for adult NPCs. Cell Adhesion and Migration, 2010, 4, 1-3.	1.1	23
106	Rabs, Membrane Dynamics, and Parkinson's Disease. Journal of Cellular Physiology, 2017, 232, 1626-1633.	2.0	23
107	Syntaxin 16 is enriched in neuronal dendrites and may have a role in neurite outgrowth. Molecular Membrane Biology, 2008, 25, 35-45.	2.0	22
108	When is Sirt1 activity bad for dying neurons?. Frontiers in Cellular Neuroscience, 2013, 7, 186.	1.8	22

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109	Pyruvate dehydrogenase complex (PDC) export from the mitochondrial matrix. Molecular Membrane Biology, 2014, 31, 207-210.	2.0	22
110	Widespread Î³-secretase activity in the cell, but do we need it at the mitochondria?. Biochemical and Biophysical Research Communications, 2005, 328, 1-5.	1.0	20
111	Could Sirtuin Activities Modify ALS Onset and Progression?. Cellular and Molecular Neurobiology, 2017, 37, 1147-1160.	1.7	20
112	Unconventional Secretion and Intercellular Transfer of Mutant Huntingtin. Cells, 2018, 7, 59.	1.8	20
113	Structural characterization of the human Nogo-A functional domains. FEBS Journal, 2004, 271, 3512-3522.	0.2	19
114	A unique SNARE machinery for exocytosis of cytotoxic granules and platelets granules. Molecular Membrane Biology, 2015, 32, 120-126.	2.0	19
115	Unconventional Protein Secretion in Animal Cells. Methods in Molecular Biology, 2016, 1459, 31-46.	0.4	19
116	Rab23 and developmental disorders. Reviews in the Neurosciences, 2018, 29, 849-860.	1.4	19
117	Cytostatic effect of antiestrogens in lymphoid cells: relationship to high affinity antiestrogen-binding sites and cholesterol. Biochimica Et Biophysica Acta - Molecular Cell Research, 1989, 1014, 162-172.	1.9	18
118	Nogoâ€A and Nogoâ€66 receptor in amyotrophic lateral sclerosis. Journal of Cellular and Molecular Medicine, 2008, 12, 1199-1204.	1.6	18
119	Is Rab25 a tumor promoter or suppressorâ€"context dependency on RCP status?. Tumor Biology, 2010, 31, 359-361.	0.8	18
120	Intercellular organelle trafficking by membranous nanotube connections: a possible new role in cellular rejuvenation?. Cell Communication and Adhesion, 2012, 19, 39-44.	1.0	18
121	Rab, Arf, and Arl-Regulated Membrane Traffic in Cortical Neuron Migration. Journal of Cellular Physiology, 2016, 231, 1417-1423.	2.0	18
122	Beta-propeller protein-associated neurodegeneration (BPAN) as a genetically simple model of multifaceted neuropathology resulting from defects in autophagy. Reviews in the Neurosciences, 2019, 30, 261-277.	1.4	18
123	Inter- and intracellular interactions of Nogo: new findings and hypothesis. Journal of Neurochemistry, 2004, 89, 801-806.	2.1	17
124	Nogo signaling and non-physical injury-induced nervous system pathology. Journal of Neuroscience Research, 2005, 79, 273-278.	1.3	17
125	Genetic Manipulation of Neural Stem Cells for Transplantation into the Injured Spinal Cord. Cellular and Molecular Neurobiology, 2007, 27, 75-85.	1.7	17
126	Sirtuins as Modifiers of Huntington's Disease (HD) Pathology. Progress in Molecular Biology and Translational Science, 2018, 154, 105-145.	0.9	17

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127	RAB39B's role in membrane traffic, autophagy, and associated neuropathology. Journal of Cellular Physiology, 2021, 236, 1579-1592.	2.0	16
128	BARP suppresses voltage-gated calcium channel activity and Ca2+-evoked exocytosis. Journal of Cell Biology, 2014, 205, 233-249.	2.3	15
129	Rab23 activities and human cancerâ€"emerging connections and mechanisms. Tumor Biology, 2016, 37, 12959-12967.	0.8	15
130	Promoting axonal regeneration through exosomes: An update of recent findings on exosomal PTEN and mTOR modifiers. Brain Research Bulletin, 2018, 143, 123-131.	1.4	15
131	Nogo/RTN4 isoforms and RTN3 expression protect SH-SY5Y cells against multiple death insults. Molecular and Cellular Biochemistry, 2013, 384, 7-19.	1.4	14
132	The use of mesenchymal stem cells (MSCs) for amyotrophic lateral sclerosis (ALS) therapy â€" a perspective on cell biological mechanisms. Reviews in the Neurosciences, 2017, 28, 725-738.	1.4	14
133	Commentary: Tissue accumulation of microplastics in mice and biomarker responses suggest widespread health risks of exposure. Frontiers in Environmental Science, 2017, 5, .	1.5	14
134	Emerging cues mediating astroglia lineage restriction of progenitor cells in the injured/diseased adult CNS. Differentiation, 2009, 77, 121-127.	1.0	13
135	(WNK)ing at death: With-no-lysine (Wnk) kinases in neuropathies and neuronal survival. Brain Research Bulletin, 2016, 125, 92-98.	1.4	13
136	Miroâ€"Working beyond Mitochondria and Microtubules. Cells, 2018, 7, 18.	1.8	13
137	Research ethics courses as a vaccination against a toxic research environment or culture. Research Ethics, 2021, 17, 55-65.	0.8	13
138	SNAREs and developmental disorders. Journal of Cellular Physiology, 2021, 236, 2482-2504.	2.0	13
139	Axon regeneration induced by environmental enrichment- epigenetic mechanisms. Neural Regeneration Research, 2020, 15, 10.	1.6	13
140	Syntaxin 9 is Enriched in Skin Hair Follicle Epithelium and Interacts With the Epidermal Growth Factor Receptor. Traffic, 2006, 7, 216-226.	1.3	12
141	Membrane Trafficking Components in Cytokinesis. Cellular Physiology and Biochemistry, 2012, 30, 1097-1108.	1.1	12
142	Rab31 is expressed in neural progenitor cells and plays a role in their differentiation. FEBS Letters, 2014, 588, 3186-3194.	1.3	12
143	The Potential of Targeting Brain Pathology with Ascl1/Mash1. Cells, 2017, 6, 26.	1.8	12
144	Targeting the Mitochondrial Pyruvate Carrier for Neuroprotection. Brain Sciences, 2019, 9, 238.	1.1	12

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145	Syntaxin 16â€™s Newly Deciphered Roles in Autophagy. Cells, 2019, 8, 1655.	1.8	12
146	A case for immunological approaches in detection and investigation of alien life. International Journal of Astrobiology, 2007, 6, 11-17.	0.9	11
147	Sirt1 and cell migration. Cell Adhesion and Migration, 2010, 4, 163-165.	1.1	11
148	Class II HDACs and Neuronal Regeneration. Journal of Cellular Biochemistry, 2014, 115, 1225-1233.	1.2	11
149	Autophagy in response to environmental stresses: New monitoring perspectives. Ecological Indicators, 2016, 60, 453-459.	2.6	11
150	Sec16 in conventional and unconventional exocytosis: Working at the interface of membrane traffic and secretory autophagy?. Journal of Cellular Physiology, 2017, 232, 3234-3243.	2.0	11
151	Maturing iPSC-Derived Cardiomyocytes. Cells, 2020, 9, 213.	1.8	11
152	Myelin-Associated Glycoprotein-Mediated Signaling in Central Nervous System Pathophysiology. Molecular Neurobiology, 2006, 34, 81-92.	1.9	10
153	Letter to the editor: On plurality and authorship in science. Accountability in Research, 2018, 25, 254-258.	1.6	10
154	Collagen 1 signaling at the central nervous system injury site and astrogliosis. Neural Regeneration Research, 2017, 12, 1600.	1.6	10
155	Biomarkers of mild cognitive impairment and Alzheimer's disease. Annals of the Academy of Medicine, Singapore, 2008, 37, 406-10.	0.2	10
156	Î± - synuclein and Parkinson's disease: the first roadblock. Journal of Cellular and Molecular Medicine, 2006, 10, 828-837.	1.6	9
157	Linking membrane dynamics and trafficking to autophagy and the unfolded protein response. Journal of Cellular Physiology, 2013, 228, 1638-1640.	2.0	9
158	Nonâ€Cell Autonomous or Secretory Tumor Suppression. Journal of Cellular Physiology, 2014, 229, 1346-1352.	2.0	9
159	K+-Clâ^'co-transporter 2 (KCC2) â€" a membrane trafficking perspective. Molecular Membrane Biology, 2016, 33, 100-110.	2.0	9
160	Another longin SNARE for autophagosome-lysosome fusionâ€"how does Ykt6 work?. Autophagy, 2019, 15, 352-357.	4.3	9
161	Enhancing Î±-secretase Processing for Alzheimerâ€™s Diseaseâ€"A View on SFRP1. Brain Sciences, 2020, 10, 122.	1.1	9
162	A possible role of di-leucine-based motifs in targeting and sorting of the syntaxin family of proteins. FEBS Letters, 1999, 446, 211-212.	1.3	8

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163	Emergence of life-how and where?. Progress in Natural Science: Materials International, 2007, 17, 500-510.	1.8	8
164	REST regulation of neural development. Cell Adhesion and Migration, 2009, 3, 141-142.	1.1	8
165	Sirt1â€™s beneficial roles in neurodegenerative diseases â€“ a chaperonin containing TCPâ€1 (CCT) connection?. Aging Cell, 2010, 9, 924-929.	3.0	8
166	Dephosphorylation-dependent Inhibitory Activity of Juxtanodin on Filamentous Actin Disassembly. Journal of Biological Chemistry, 2010, 285, 28838-28849.	1.6	8
167	Thoughts on a very acidic symbiosome. Frontiers in Microbiology, 2015, 6, 816.	1.5	8
168	Bacteria-Containing Vacuoles: Subversion of Cellular Membrane Traffic and Autophagy. Critical Reviews in Eukaryotic Gene Expression, 2015, 25, 163-174.	0.4	8
169	Is SIRT6 Activity Neuroprotective and How Does It Differ from SIRT1 in This Regard?. Frontiers in Cellular Neuroscience, 2017, 11, 165.	1.8	8
170	Why is NMNAT Protective against Neuronal Cell Death and Axon Degeneration, but Inhibitory of Axon Regeneration?. Cells, 2019, 8, 267.	1.8	8
171	Could metformin be therapeutically useful in Huntingtonâ€™s disease?. Reviews in the Neurosciences, 2020, 31, 297-317.	1.4	8
172	A Reflective Account of a Research Ethics Course for an Interdisciplinary Cohort of Graduate Students. Science and Engineering Ethics, 2020, 26, 1089-1105.	1.7	8
173	Vesicle transport through interaction with t-SNAREs 1a (Vti1a)'s roles in neurons. Heliyon, 2020, 6, e04600.	1.4	7
174	Effects of NH₄Cl and nocodazole on polarized fibronectin secretion vary amongst different epithelial cell types. Molecular Membrane Biology, 1994, 11, 45-54.	2.0	6
175	Is systemic activation of Sirt1 beneficial for ageing-associated metabolic disorders?. Biochemical and Biophysical Research Communications, 2010, 391, 6-10.	1.0	6
176	Rab32/38 and the xenophagic restriction of intracellular bacteria replication. Microbes and Infection, 2016, 18, 595-603.	1.0	6
177	Are the new Ediacaran Doushantuo Megasphaera -like acritarchs early metazoans?. Palaeoworld, 2016, 25, 128-131.	0.5	6
178	Responding to devious demands for co-authorship: A rejoinder to BÃ¼low and Helgessonâ€™s â€˜dirty handsâ€™ justification. Research Ethics, 2018, 14, 1-7.	0.8	6
179	Amyotrophic lateral sclerosis disease modifying therapeutics: a cell biological perspective. Neural Regeneration Research, 2017, 12, 407.	1.6	6
180	Patient-Derived iPSCs and iNsâ€”Shedding New Light on the Cellular Etiology of Neurodegenerative Diseases. Cells, 2018, 7, 38.	1.8	5

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181	Defects in early secretory pathway transport machinery components and neurodevelopmental disorders. Reviews in the Neurosciences, 2021, 32, 851-869.	1.4	5
182	A research misconduct severity matrix that could serve to harmonize adjudication of findings. Accountability in Research, 2021, , 1-15.	1.6	5
183	Nogo-A and the regulation of neurotransmitter receptors. Neural Regeneration Research, 2020, 15, 2037.	1.6	5
184	Retardation of a Surface Protein Chimera at the Cis Golgi. Biochemistry, 1995, 34, 5618-5626.	1.2	4
185	No Go for Brain Tumors?. Journal of Molecular Neuroscience, 2005, 25, 001-006.	1.1	4
186	mTOR, autophagy, and reprogramming. Frontiers in Cell and Developmental Biology, 2014, 1, 4.	1.8	4
187	Semaphorin 3A: from growth cone repellent to promoter of neuronal regeneration. Neural Regeneration Research, 2018, 13, 795.	1.6	4
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