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List of Publications by Year
in descending order

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223 papers	22,945 citations	6233 80 h-index	10708 138 g-index
245 all docs	245 docs citations	245 times ranked	23923 citing authors

#	Article	IF	Citations
1	The Postsynaptic Architecture of Excitatory Synapses: A More Quantitative View. Annual Review of Biochemistry, 2007, 76, 823-847.	5.0	836
2	Actin in dendritic spines: connecting dynamics to function. Journal of Cell Biology, 2010, 189, 619-629.	2.3	691
3	Visualization of Microtubule Growth in Cultured Neurons via the Use of EB3-GFP (End-Binding Protein) Tj ETQq1 1 0.784314 rgBT /Ov	1.7	624
4	Dynamic Microtubules Regulate Dendritic Spine Morphology and Synaptic Plasticity. Neuron, 2009, 61, 85-100.	3.8	570
5	Control of Dendritic Arborization by the Phosphoinositide-3'-Kinase-Akt-Mammalian Target of Rapamycin Pathway. Journal of Neuroscience, 2005, 25, 11300-11312.	1.7	537
6	SynGO: An Evidence-Based, Expert-Curated Knowledge Base for the Synapse. Neuron, 2019, 103, 217-234.e4.	3.8	518
7	Microtubule Stabilization Reduces Scarring and Causes Axon Regeneration After Spinal Cord Injury. Science, 2011, 331, 928-931.	6.0	503
8	Building the Neuronal Microtubule Cytoskeleton. Neuron, 2015, 87, 492-506.	3.8	502
9	CLASPs Are CLIP-115 and -170 Associating Proteins Involved in the Regional Regulation of Microtubule Dynamics in Motile Fibroblasts. Cell, 2001, 104, 923-935.	13.5	462
10	Relative and Absolute Quantification of Postsynaptic Density Proteome Isolated from Rat Forebrain and Cerebellum. Molecular and Cellular Proteomics, 2006, 5, 1158-1170.	2.5	440
11	Microcircuitry and function of the inferior olive. Trends in Neurosciences, 1998, 21, 391-400.	4.2	404
12	STIM1 Is a MT-Plus-End-Tracking Protein Involved in Remodeling of the ER. Current Biology, 2008, 18, 177-182.	1.8	378
13	Bicaudal-D regulates COPI-independent Golgiâ€“ER transport by recruiting the dyneinâ€“dynactin motor complex. Nature Cell Biology, 2002, 4, 986-992.	4.6	357
14	TRAK/Milton Motor-Adaptor Proteins Steer Mitochondrial Trafficking to Axons and Dendrites. Neuron, 2013, 77, 485-502.	3.8	336
15	Mammalian end binding proteins control persistent microtubule growth. Journal of Cell Biology, 2009, 184, 691-706.	2.3	331
16	Rab6 Regulates Transport and Targeting of Exocytotic Carriers. Developmental Cell, 2007, 13, 305-314.	3.1	295
17	Synapse Pathology in Psychiatric and Neurologic Disease. Current Neurology and Neuroscience Reports, 2010, 10, 207-214.	2.0	294
18	Mixed Microtubules Steer Dynein-Driven Cargo Transport into Dendrites. Current Biology, 2010, 20, 290-299.	1.8	281

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19	Microtubule plus-end-tracking proteins: mechanisms and functions. Current Opinion in Cell Biology, 2005, 17, 47-54.	2.6	278
20	Bicaudal D2, Dynein, and Kinesin-1 Associate with Nuclear Pore Complexes and Regulate Centrosome and Nuclear Positioning during Mitotic Entry. PLoS Biology, 2010, 8, e1000350.	2.6	268
21	Optogenetic control of organelle transport and positioning. Nature, 2015, 518, 111-114.	13.7	254
22	LAR receptor protein tyrosine phosphatases in the development and maintenance of excitatory synapses. Nature Neuroscience, 2005, 8, 458-467.	7.1	249
23	Axon Extension Occurs Independently of Centrosomal Microtubule Nucleation. Science, 2010, 327, 704-707.	6.0	243
24	Microtubule Minus-End Stabilization by Polymerization-Driven CAMSAP Deposition. Developmental Cell, 2014, 28, 295-309.	3.1	235
25	BICD2, dynactin, and LIS1 cooperate in regulating dynein recruitment to cellular structures. Molecular Biology of the Cell, 2012, 23, 4226-4241.	0.9	231
26	LIS1, CLIP-170's Key to the Dynein/Dynactin Pathway. Molecular and Cellular Biology, 2002, 22, 3089-3102.	1.1	222
27	Neuron-Specific Expression of Mutant Superoxide Dismutase Is Sufficient to Induce Amyotrophic Lateral Sclerosis in Transgenic Mice. Journal of Neuroscience, 2008, 28, 2075-2088.	1.7	219
28	Differentiation between Oppositely Oriented Microtubules Controls Polarized Neuronal Transport. Neuron, 2017, 96, 1264-1271.e5.	3.8	214
29	Which way to go? Cytoskeletal organization and polarized transport in neurons. Molecular and Cellular Neurosciences, 2011, 46, 9-20.	1.0	213
30	Motor Neuron Disease-Associated Mutant Vesicle-Associated Membrane Protein-Associated Protein (VAP) B Recruits Wild-Type VAPs into Endoplasmic Reticulum-Derived Tubular Aggregates. Journal of Neuroscience, 2007, 27, 9801-9815.	1.7	203
31	GRIP1 controls dendrite morphogenesis by regulating EphB receptor trafficking. Nature Neuroscience, 2005, 8, 906-915.	7.1	199
32	Bicaudal D induces selective dynein-mediated microtubule minus end-directed transport. EMBO Journal, 2003, 22, 6004-6015.	3.5	196
33	Microtubule Minus-End Binding Protein CAMSAP2 Controls Axon Specification and Dendrite Development. Neuron, 2014, 82, 1058-1073.	3.8	193
34	Structural basis of tubulin tyrosination by tubulin tyrosine ligase. Journal of Cell Biology, 2013, 200, 259-270.	2.3	189
35	Microtubule-based transport â€“ basic mechanisms, traffic rules and role in neurological pathogenesis. Journal of Cell Science, 2013, 126, 2319-29.	1.2	177
36	Resolving bundled microtubules using anti-tubulin nanobodies. Nature Communications, 2015, 6, 7933.	5.8	174

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37	Microtubule Minus-End-Targeting Proteins. Current Biology, 2015, 25, R162-R171.	1.8	172
38	TRIM46 Controls Neuronal Polarity and Axon Specification by Driving the Formation of Parallel Microtubule Arrays. Neuron, 2015, 88, 1208-1226.	3.8	170
39	Rab6, Rab8, and MICAL3 Cooperate in Controlling Docking and Fusion of Exocytotic Carriers. Current Biology, 2011, 21, 967-974.	1.8	167
40	Stress hormones and AMPA receptor trafficking in synaptic plasticity and memory. Nature Reviews Neuroscience, 2010, 11, 675-681.	4.9	164
41	DendritesIn VitroandIn VivoContain Microtubules of Opposite Polarity and Axon Formation Correlates with Uniform Plus-End-Out Microtubule Orientation. Journal of Neuroscience, 2016, 36, 1071-1085.	1.7	164
42	Targeted mutation of Cyln2 in the Williams syndrome critical region links CLIP-115 haploinsufficiency to neurodevelopmental abnormalities in mice. Nature Genetics, 2002, 32, 116-127.	9.4	163
43	Conformational changes in CLIP-170 regulate its binding to microtubules and dynactin localization. Journal of Cell Biology, 2004, 166, 1003-1014.	2.3	159
44	CFEOM1-Associated Kinesin KIF21A Is a Cortical Microtubule Growth Inhibitor. Developmental Cell, 2013, 27, 145-160.	3.1	157
45	Control of neuronal polarity and plasticity â€“ a renaissance for microtubules?. Trends in Cell Biology, 2009, 19, 669-676.	3.6	152
46	Probing Intracellular Motor Protein Activity Using an Inducible Cargo Trafficking Assay. Biophysical Journal, 2010, 99, 2143-2152.	0.2	147
47	Pericentrosomal targeting of Rab6 secretory vesicles by Bicaudal-D-related protein 1 (BICDR-1) regulates neuritogenesis. EMBO Journal, 2010, 29, 1637-1651.	3.5	144
48	Microtubuleâ€binding protein doublecortinâ€like kinase 1 (DCLK1) guides kinesinâ€3â€mediated cargo transport to dendrites. EMBO Journal, 2016, 35, 302-318.	3.5	142
49	Deformation of Network Connectivity in the Inferior Olive of Connexin 36-Deficient Mice Is Compensated by Morphological and Electrophysiological Changes at the Single Neuron Level. Journal of Neuroscience, 2003, 23, 4700-4711.	1.7	140
50	The axonal cytoskeleton: from organization to function. Frontiers in Molecular Neuroscience, 2015, 8, 44.	1.4	137
51	Identification of delta/notchâ€like epidermal growth factorâ€related receptor as the Tr antigen in paraneoplastic cerebellar degeneration. Annals of Neurology, 2012, 71, 815-824.	2.8	136
52	Centrosomes, microtubules and neuronal development. Molecular and Cellular Neurosciences, 2011, 48, 349-358.	1.0	135
53	MAP2 Defines a Pre-axonal Filtering Zone to Regulate KIF1- versus KIF5-Dependent Cargo Transport in Sensory Neurons. Neuron, 2017, 94, 347-362.e7.	3.8	134
54	IDH1 R132H decreases proliferation of glioma cell lines in vitro and in vivo. Annals of Neurology, 2011, 69, 455-463.	2.8	132

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55	Liprin-Î± proteins: scaffold molecules for synapse maturation. Biochemical Society Transactions, 2007, 35, 1278-1282.	1.6	130
56	In Vitro Reconstitution of the Functional Interplay between MCAK and EB3 at Microtubule Plus Ends. Current Biology, 2010, 20, 1717-1722.	1.8	130
57	The FTLD risk factor TMEM106B and MAP6 control dendritic trafficking of lysosomes. EMBO Journal, 2013, 33, n/a-n/a.	3.5	122
58	Robust, Sensitive, and Automated Phosphopeptide Enrichment Optimized for Low Sample Amounts Applied to Primary Hippocampal Neurons. Journal of Proteome Research, 2017, 16, 728-737.	1.8	117
59	Î²CaMKII controls the direction of plasticity at parallel fiberâ€“Purkinje cell synapses. Nature Neuroscience, 2009, 12, 823-825.	7.1	116
60	SLAIN2 links microtubule plus endâ€“tracking proteins and controls microtubule growth in interphase. Journal of Cell Biology, 2011, 193, 1083-1099.	2.3	116
61	Molecular Pathway of Microtubule Organization at the Golgi Apparatus. Developmental Cell, 2016, 39, 44-60.	3.1	114
62	MAP7 family proteins regulate kinesin-1 recruitment and activation. Journal of Cell Biology, 2019, 218, 1298-1318.	2.3	114
63	Corticosterone Alters AMPAR Mobility and Facilitates Bidirectional Synaptic Plasticity. PLoS ONE, 2009, 4, e4714.	1.1	113
64	Dynein Regulator NDEL1 Controls Polarized Cargo Transport at the Axon Initial Segment. Neuron, 2016, 89, 461-471.	3.8	107
65	ÂCaMKII Plays a Nonenzymatic Role in Hippocampal Synaptic Plasticity and Learning by Targeting ÂCaMKII to Synapses. Journal of Neuroscience, 2011, 31, 10141-10148.	1.7	105
66	Positioning of AMPA Receptor-Containing Endosomes Regulates Synapse Architecture. Cell Reports, 2015, 13, 933-943.	2.9	104
67	Structural basis for recognition of synaptic vesicle protein 2C by botulinum neurotoxin A. Nature, 2014, 505, 108-111.	13.7	103
68	ATF3 expression precedes death of spinal motoneurons in amyotrophic lateral sclerosis-SOD1 transgenic mice and correlates with c-Jun phosphorylation, CHOP expression, somato-dendritic ubiquitination and Golgi fragmentation. European Journal of Neuroscience, 2005, 22, 1881-1894.	1.2	102
69	The microtubule plus-end-tracking protein CLIP-170 associates with the spermatid manchette and is essential for spermatogenesis. Genes and Development, 2005, 19, 2501-2515.	2.7	101
70	NMDA Receptor Activation Suppresses Microtubule Growth and Spine Entry. Journal of Neuroscience, 2011, 31, 8194-8209.	1.7	101
71	Stress and excitatory synapses: From health to disease. Neuroscience, 2013, 248, 626-636.	1.1	101
72	Bicaudal D Family Adaptor Proteins Control the Velocity of Dynein-Based Movements. Cell Reports, 2014, 8, 1248-1256.	2.9	101

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73	A VAPB mutant linked to amyotrophic lateral sclerosis generates a novel form of organized smooth endoplasmic reticulum. FASEB Journal, 2010, 24, 1419-1430.	0.2	98
74	Liprin-Î±2 promotes the presynaptic recruitment and turnover of RIM1/CASK to facilitate synaptic transmission. Journal of Cell Biology, 2013, 201, 915-928.	2.3	98
75	CLIP-115, a Novel Brain-Specific Cytoplasmic Linker Protein, Mediates the Localization of Dendritic Lamellar Bodies. Neuron, 1997, 19, 1187-1199.	3.8	97
76	Axon and dendritic trafficking. Current Opinion in Neurobiology, 2014, 27, 165-170.	2.0	96
77	Dynamic Palmitoylation Targets MAP6 to the Axon to Promote Microtubule Stabilization during Neuronal Polarization. Neuron, 2017, 94, 809-825.e7.	3.8	94
78	Bicaudal D Family of Motor Adaptors: Linking Dynein Motility to Cargo Binding. Trends in Cell Biology, 2016, 26, 327-340.	3.6	93
79	Segregation of non-p.R132H mutations inIDH1in distinct molecular subtypes of glioma. Human Mutation, 2010, 31, E1186-E1199.	1.1	90
80	CLIP-170 and IQGAP1 Cooperatively Regulate Dendrite Morphology. Journal of Neuroscience, 2011, 31, 4555-4568.	1.7	90
81	Microtubule-Driven Multimerization Recruits ase1p onto Overlapping Microtubules. Current Biology, 2008, 18, 1713-1717.	1.8	89
82	LiprinÎ±1 Degradation by Calcium/Calmodulin-Dependent Protein Kinase II Regulates LAR Receptor Tyrosine Phosphatase Distribution and Dendrite Development. Developmental Cell, 2007, 12, 587-602.	3.1	87
83	Neuron Specific Rab4 Effector GRASP-1 Coordinates Membrane Specialization and Maturation of Recycling Endosomes. PLoS Biology, 2010, 8, e1000283.	2.6	86
84	Liprin-Mediated Large Signaling Complex Organization Revealed by the Liprin-Î±/CASK and Liprin-Î±/Liprin-Î²2 Complex Structures. Molecular Cell, 2011, 43, 586-598.	4.5	85
85	Formation of microtubule-based traps controls the sorting and concentration of vesicles to restricted sites of regenerating neurons after axotomy. Journal of Cell Biology, 2007, 176, 497-507.	2.3	84
86	LIMK1 and CLIP-115: linking cytoskeletal defects to Williams syndrome. BioEssays, 2004, 26, 141-150.	1.2	83
87	Kinesin-Binding Protein Controls Microtubule Dynamics and Cargo Trafficking by Regulating Kinesin Motor Activity. Current Biology, 2016, 26, 849-861.	1.8	82
88	Right Time, Right Place: Probing the Functions of Organelle Positioning. Trends in Cell Biology, 2016, 26, 121-134.	3.6	81
89	GSK-3Î²-regulated interaction of BICD with dynein is involved in microtubule anchorage at centrosome. EMBO Journal, 2006, 25, 5670-5682.	3.5	79
90	Mutations in cytoplasmic dynein and its regulators cause malformations of cortical development and neurodegenerative diseases. Biochemical Society Transactions, 2013, 41, 1605-1612.	1.6	79

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91	Quantitative Map of Proteome Dynamics during Neuronal Differentiation. Cell Reports, 2017, 18, 1527-1542.	2.9	79
92	A novel mouse model with impaired dynein/dynactin function develops amyotrophic lateral sclerosis (ALS)-like features in motor neurons and improves lifespan in SOD1-ALS mice. Human Molecular Genetics, 2008, 17, 2849-2862.	1.4	77
93	Microtubule plus-end tracking proteins in neuronal development. Cellular and Molecular Life Sciences, 2016, 73, 2053-2077.	2.4	76
94	Basic mechanisms for recognition and transport of synaptic cargos. Molecular Brain, 2009, 2, 25.	1.3	75
95	The HAUS Complex Is a Key Regulator of Non-centrosomal Microtubule Organization during Neuronal Development. Cell Reports, 2018, 24, 791-800.	2.9	75
96	The expanded clinical spectrum of anti-GABABR encephalitis and added value of KCTD16 autoantibodies. Brain, 2019, 142, 1631-1643.	3.7	73
97	Developmental and Activity-Dependent miRNA Expression Profiling in Primary Hippocampal Neuron Cultures. PLoS ONE, 2013, 8, e74907.	1.1	69
98	Caldendrin Directly Couples Postsynaptic Calcium Signals to Actin Remodeling in Dendritic Spines. Neuron, 2018, 97, 1110-1125.e14.	3.8	68
99	Feedback-Driven Mechanisms between Microtubules and the Endoplasmic Reticulum Instruct Neuronal Polarity. Neuron, 2019, 102, 184-201.e8.	3.8	68
100	Contribution of CYLN2 and GTF2IRD1 to neurological and cognitive symptoms in Williams Syndrome. Neurobiology of Disease, 2007, 26, 112-124.	2.1	67
101	Microtubule Dynamics in Dendritic Spines. Methods in Cell Biology, 2010, 97, 111-132.	0.5	67
102	The Kinesin-2 Family Member KIF3C Regulates Microtubule Dynamics and Is Required for Axon Growth and Regeneration. Journal of Neuroscience, 2013, 33, 11329-11345.	1.7	67
103	Probing cytoskeletal modulation of passive and active intracellular dynamics using nanobody-functionalized quantum dots. Nature Communications, 2017, 8, 14772.	5.8	65
104	Polarity of Neuronal Membrane Traffic Requires Sorting of Kinesin Motor Cargo during Entry into Dendrites by a Microtubule-Associated Septin. Developmental Cell, 2018, 46, 204-218.e7.	3.1	65
105	Regulation of KIF1A-Driven Dense Core Vesicle Transport: Ca2+/CaM Controls DCV Binding and Liprin-Î±/TANC2 Recruits DCVs to Postsynaptic Sites. Cell Reports, 2018, 24, 685-700.	2.9	64
106	Neuronal polarity: remodeling microtubule organization. Current Opinion in Neurobiology, 2016, 39, 1-7.	2.0	62
107	Global site-specific neddylation profiling reveals that NEDDylated cofilin regulates actin dynamics. Nature Structural and Molecular Biology, 2020, 27, 210-220.	3.6	61
108	Rab6 is increased in Alzheimer's disease brain and correlates with endoplasmic reticulum stress. Neuropathology and Applied Neurobiology, 2007, 33, 070615152525001-???.	1.8	60

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109	Effects of Early Life Stress on Synaptic Plasticity in the Developing Hippocampus of Male and Female Rats. PLoS ONE, 2016, 11, e0164551.	1.1	60
110	A role for the Rab6B Bicaudalâ€“D1 interaction in retrograde transport in neuronal cells. Experimental Cell Research, 2007, 313, 3408-3420.	1.2	59
111	Myosin-V Opposes Microtubule-Based Cargo Transport and Drives Directional Motility on Cortical Actin. Current Biology, 2013, 23, 828-834.	1.8	59
112	The ALS8 protein VAPB interacts with the ERâ€“Golgi recycling protein YIF1A and regulates membrane delivery into dendrites. EMBO Journal, 2013, 32, 2056-2072.	3.5	58
113	Molecular and cellular mechanisms underlying anti-neuronal antibody mediated disorders of the central nervous system. Autoimmunity Reviews, 2014, 13, 299-312.	2.5	58
114	Cooperative Interactions between 480 kDa Ankyrin-G and EB Proteins Assemble the Axon Initial Segment. Journal of Neuroscience, 2016, 36, 4421-4433.	1.7	58
115	Microtubule plus-end tracking proteins in differentiated mammalian cells. International Journal of Biochemistry and Cell Biology, 2008, 40, 619-637.	1.2	57
116	Activity-Dependent Actin Remodeling at the Base of Dendritic Spines Promotes Microtubule Entry. Current Biology, 2018, 28, 2081-2093.e6.	1.8	57
117	New insights in endosomal dynamics and AMPA receptor trafficking. Seminars in Cell and Developmental Biology, 2011, 22, 499-505.	2.3	55
118	Spinal Inhibitory Interneuron Pathology Follows Motor Neuron Degeneration Independent of Glial Mutant Superoxide Dismutase 1 Expression in SOD1-ALS Mice. Journal of Neuropathology and Experimental Neurology, 2011, 70, 662-677.	0.9	55
119	The GRIP1/14-3-3 Pathway Coordinates Cargo Trafficking and Dendrite Development. Developmental Cell, 2014, 28, 381-393.	3.1	55
120	Feedback-Driven Assembly of the Axon Initial Segment. Neuron, 2019, 104, 305-321.e8.	3.8	54
121	VAPâ€“SCRN1 interaction regulates dynamic endoplasmic reticulum remodeling and presynaptic function. EMBO Journal, 2019, 38, e101345.	3.5	53
122	The MurineCYLN2Gene: Genomic Organization, Chromosome Localization, and Comparison to the Human Gene That Is Located within the 7q11.23 Williams Syndrome Critical Region. Genomics, 1998, 53, 348-358.	1.3	52
123	Barriers in the brain: resolving dendritic spine morphology and compartmentalization. Frontiers in Neuroanatomy, 2014, 8, 142.	0.9	51
124	Kinesin-4 KIF21B is a potent microtubule pausing factor. ELife, 2017, 6, .	2.8	51
125	Local microtubule organization promotes cargo transport in C. elegans dendrites. Journal of Cell Science, 2018, 131, .	1.2	51
126	Shape-Induced Asymmetric Diffusion in Dendritic Spines Allows Efficient Synaptic AMPA Receptor Trapping. Biophysical Journal, 2013, 105, 2743-2750.	0.2	50

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127	Exclusion of Integrins from CNS Axons Is Regulated by Arf6 Activation and the AIS. Journal of Neuroscience, 2015, 35, 8359-8375.	1.7	50
128	The intracellular redox protein MICAL-1 regulates the development of hippocampal mossy fibre connections. Nature Communications, 2014, 5, 4317.	5.8	49
129	DeActs: genetically encoded tools for perturbing the actin cytoskeleton in single cells. Nature Methods, 2017, 14, 479-482.	9.0	49
130	Differential expression of liprinâ€Î± family proteins in the brain suggests functional diversification. Journal of Comparative Neurology, 2011, 519, 3040-3060.	0.9	47
131	Amyotrophic lateral sclerosis (ALS)-associated VAPB-P56S inclusions represent an ER quality control compartment. Acta Neuropathologica Communications, 2013, 1, 24.	2.4	46
132	Lrig2 Negatively Regulates Ectodomain Shedding of Axon Guidance Receptors by ADAM Proteases. Developmental Cell, 2015, 35, 537-552.	3.1	46
133	Cytolinker Gas2L1 regulates axon morphology through microtubuleâ€modulated actin stabilization. EMBO Reports, 2019, 20, e47732.	2.0	45
134	Microtubule Plus-End Tracking Proteins SLAIN1/2 and ch-TOG Promote Axonal Development. Journal of Neuroscience, 2012, 32, 14722-14728a.	1.7	44
135	A role for Bicaudal-D2 in radial cerebellar granule cell migration. Nature Communications, 2014, 5, 3411.	5.8	44
136	Light-controlled intracellular transport in Caenorhabditis elegans. Current Biology, 2016, 26, R153-R154.	1.8	44
137	Golgi fragmentation precedes neuromuscular denervation and is associated with endosome abnormalities in SOD1-ALS mouse motor neurons. Acta Neuropathologica Communications, 2014, 2, 38.	2.4	43
138	A tissue-specific protein purification approach in Caenorhabditis elegans identifies novel interaction partners of DLG-1/Discs large. BMC Biology, 2016, 14, 66.	1.7	40
139	Antibodies to TRIM46 are associated with paraneoplastic neurological syndromes. Annals of Clinical and Translational Neurology, 2017, 4, 680-686.	1.7	38
140	TRIM46 Organizes Microtubule Fasciculation in the Axon Initial Segment. Journal of Neuroscience, 2019, 39, 4864-4873.	1.7	38
141	HeterozygousKIDINS220/ARMSnonsense variants cause spastic paraplegia, intellectual disability, nystagmus, and obesity. Human Molecular Genetics, 2016, 25, 2158-2167.	1.4	37
142	MAP7D2 Localizes to the Proximal Axon and Locally Promotes Kinesin-1-Mediated Cargo Transport into the Axon. Cell Reports, 2019, 26, 1988-1999.e6.	2.9	35
143	Maintenance of Dendritic Spine Morphology by Partitioning-Defective 1b through Regulation of Microtubule Growth. Journal of Neuroscience, 2011, 31, 12094-12103.	1.7	34
144	Tumour Suppressor Adenomatous Polyposis Coli (APC) localisation is regulated by both Kinesin-1 and Kinesin-2. Scientific Reports, 2016, 6, 27456.	1.6	34

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145	Myosin-V Induces Cargo Immobilization and Clustering at the Axon Initial Segment. Frontiers in Cellular Neuroscience, 2017, 11, 260.	1.8	34
146	Local mechanisms regulating selective cargo entry and long-range trafficking in axons. Current Opinion in Neurobiology, 2018, 51, 23-28.	2.0	34
147	Cytoplasmic dynein and its regulatory proteins in Golgi pathology in nervous system disorders. Frontiers in Neuroscience, 2015, 9, 397.	1.4	33
148	Dendritic Spine Plasticity: New Regulatory Roles of Dynamic Microtubules. Neuroscientist, 2010, 16, 650-661.	2.6	32
149	Psychiatric phenomena as initial manifestation of encephalitis by antiâ€NMDAR antibodies. Acta Neuropsychiatrica, 2013, 25, 128-136.	1.0	32
150	ERÂâ€“Âlysosome contacts at a pre-axonal region regulate axonal lysosome availability. Nature Communications, 2021, 12, 4493.	5.8	32
151	Three-Step Model for Polarized Sorting of KIF17 into Dendrites. Current Biology, 2016, 26, 1705-1712.	1.8	30
152	Axonal transport deficits in multiple sclerosis: spiraling into the abyss. Acta Neuropathologica, 2017, 134, 1-14.	3.9	30
153	Polarized trafficking: the palmitoylation cycle distributes cytoplasmic proteins to distinct neuronal compartments. Current Opinion in Cell Biology, 2018, 50, 64-71.	2.6	30
154	Molecular Motors in Cargo Trafficking and Synapse Assembly. Advances in Experimental Medicine and Biology, 2012, 970, 173-196.	0.8	29
155	New insights into mRNA trafficking in axons. Developmental Neurobiology, 2014, 74, 233-244.	1.5	29
156	The internal architecture of dendritic spines revealed by super-resolution imaging: What did we learn so far?. Experimental Cell Research, 2015, 335, 180-186.	1.2	29
157	The CASPR2 cell adhesion molecule functions as a tumor suppressor gene in glioma. Oncogene, 2010, 29, 6138-6148.	2.6	28
158	Spatio-temporal Analysis of Molecular Determinants of Neuronal Degeneration in the Aging Mouse Cerebellum. Molecular and Cellular Proteomics, 2013, 12, 1350-1362.	2.5	28
159	Arginine Ï€-stacking drives binding to fibrils of the Alzheimer protein Tau. Nature Communications, 2020, 11, 571.	5.8	28
160	A unique residue in rab3c determines the interaction with novel binding protein Zwintâ€1. FEBS Letters, 2008, 582, 2838-2842.	1.3	26
161	Probing the Interplay between Dendritic Spine Morphology and Membrane-Bound Diffusion. Biophysical Journal, 2017, 113, 2261-2270.	0.2	26
162	Loss of BICD2 in muscle drives motor neuron loss in a developmental form of spinal muscular atrophy. Acta Neuropathologica Communications, 2020, 8, 34.	2.4	26

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163	Microtubule Minus-End Binding Protein CAMSAP2 and Kinesin-14 Motor KIFC3 Control Dendritic Microtubule Organization. Current Biology, 2020, 30, 899-908.e6.	1.8	26
164	Cortical anchoring of the microtubule cytoskeleton is essential for neuron polarity. ELife, 2020, 9, .	2.8	26
165	Integrated genomic profiling identifies candidate genes implicated in gliomaâ€genesis and a novel LEO1â€SLC12A1 fusion gene. Genes Chromosomes and Cancer, 2010, 49, 509-517.	1.5	25
166	Combined Î²-adrenergic and corticosteroid receptor activation regulates AMPA receptor function in hippocampal neurons. Journal of Psychopharmacology, 2012, 26, 516-524.	2.0	25
167	Studying neuronal microtubule organization and microtubule-associated proteins using single molecule localization microscopy. Methods in Cell Biology, 2016, 131, 127-149.	0.5	25
168	The microtubule destabilizing protein stathmin controls the transition from dividing neuronal precursors to postmitotic neurons during adult hippocampal neurogenesis. Developmental Neurobiology, 2014, 74, 1226-1242.	1.5	24
169	KIF5C S176 Phosphorylation Regulates Microtubule Binding and Transport Efficiency in Mammalian Neurons. Frontiers in Cellular Neuroscience, 2016, 10, 57.	1.8	24
170	Specific KIF1Aâ€“adaptor interactions control selective cargo recognition. Journal of Cell Biology, 2021, 220, .	2.3	24
171	Detection and Characterization of Autoantibodies to Neuronal Cell-Surface Antigens in the Central Nervous System. Frontiers in Molecular Neuroscience, 2016, 9, 37.	1.4	23
172	APC2 controls dendrite development by promoting microtubule dynamics. Nature Communications, 2018, 9, 2773.	5.8	23
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