Craig C Garner

List of Publications by Year
in descending order

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152 papers	16,673 citations	10986 71 h-index	15732 125 g-index
162 all docs	162 docs citations	162 times ranked	14019 citing authors

#	Article	IF	Citations
1	Selective localization of messenger RNA for cytoskeletal protein MAP2 in dendrites. Nature, 1988, 336, 674-677.	27.8	529
2	PDZ domains in synapse assembly and signalling. Trends in Cell Biology, 2000, 10, 274-280.	7.9	507
3	Activity-dependent regulation of dendritic synthesis and trafficking of AMPA receptors. Nature Neuroscience, 2004, 7, 244-253.	14.8	477
4	Pharmacotherapy for cognitive impairment in a mouse model of Down syndrome. Nature Neuroscience, 2007, 10, 411-413.	14.8	466
5	Assembly of New Individual Excitatory Synapses. Neuron, 2000, 27, 57-69.	8.1	454
6	MECHANISMS OF VERTEBRATE SYNAPTOGENESIS. Annual Review of Neuroscience, 2005, 28, 251-274.	10.7	418
7	Bassoon, a Novel Zinc-finger CAG/Glutamine-repeat Protein Selectively Localized at the Active Zone of Presynaptic Nerve Terminals. Journal of Cell Biology, 1998, 142, 499-509.	5.2	409
8	SAP102, a Novel Postsynaptic Protein That Interacts with NMDA Receptor Complexes In Vivo. Neuron, 1996, 17, 255-265.	8.1	407
9	The Presynaptic Active Zone Protein Bassoon Is Essential for Photoreceptor Ribbon Synapse Formation in the Retina. Neuron, 2003, 37, 775-786.	8.1	395
10	SAP97 Is Associated with the Î±-Amino-3-hydroxy-5-methylisoxazole-4-propionic Acid Receptor GluR1 Subunit. Journal of Biological Chemistry, 1998, 273, 19518-19524.	3.4	385
11	Molecular characterization and spatial distribution of SAP97, a novel presynaptic protein homologous to SAP90 and the Drosophila discs-large tumor suppressor protein. Journal of Neuroscience, 1995, 15, 2354-2366.	3.6	376
12	Assembling the Presynaptic Active Zone. Neuron, 2001, 29, 131-143.	8.1	372
13	Chlorotoxin Inhibits Glioma Cell Invasion via Matrix Metalloproteinase-2. Journal of Biological Chemistry, 2003, 278, 4135-4144.	3.4	362
14	Unitary Assembly of Presynaptic Active Zones from Piccolo-Bassoon Transport Vesicles. Neuron, 2003, 38, 237-252.	8.1	285
15	Cellular and molecular mechanisms of presynaptic assembly. Nature Reviews Neuroscience, 2004, 5, 385-399.	10.2	269
16	Piccolo, a Presynaptic Zinc Finger Protein Structurally Related to Bassoon. Neuron, 2000, 25, 203-214.	8.1	259
17	SAP90 Binds and Clusters Kainate Receptors Causing Incomplete Desensitization. Neuron, 1998, 21, 727-739.	8.1	257
18	Nanostrawâ€“Electroporation System for Highly Efficient Intracellular Delivery and Transfection. ACS Nano, 2013, 7, 4351-4358.	14.6	257

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19	Proline-Rich Synapse-Associated Protein-1/Cortactin Binding Protein 1 (ProSAP1/CortBP1) Is a PDZ-Domain Protein Highly Enriched in the Postsynaptic Density. Journal of Neuroscience, 1999, 19, 6506-6518.	3.6	230
20	Functional Inactivation of a Fraction of Excitatory Synapses in Mice Deficient for the Active Zone Protein Bassoon. Neuron, 2003, 37, 787-800.	8.1	226
21	Human cerebrospinal fluid monoclonalN-methyl-D-aspartate receptor autoantibodies are sufficient for encephalitis pathogenesis. Brain, 2016, 139, 2641-2652.	7.6	223
22	Concerted action of zinc and ProSAP/Shank in synaptogenesis and synapse maturation. EMBO Journal, 2011, 30, 569-581.	7.8	204
23	Synaptic Clustering of the Cell Adhesion Molecule Fasciclin II by Discs-Large and its Role in the Regulation of Presynaptic Structure. Neuron, 1997, 19, 787-799.	8.1	199
24	Molecular determinants of presynaptic active zones. Current Opinion in Neurobiology, 2000, 10, 321-327.	4.2	191
25	SAP97 and CASK mediate sorting of NMDA receptors through a previously unknown secretory pathway. Nature Neuroscience, 2009, 12, 1011-1019.	14.8	184
26	Proline-Rich Synapse-Associated Proteins ProSAP1 and ProSAP2 Interact with Synaptic Proteins of the SAPAP/GKAP Family. Biochemical and Biophysical Research Communications, 1999, 264, 247-252.	2.1	180
27	Caldendrinâ€"Jacob: A Protein Liaison That Couples NMDA Receptor Signalling to the Nucleus. PLoS Biology, 2008, 6, e34.	5.6	177
28	Identification of acis-Acting Dendritic Targeting Element in MAP2 mRNAs. Journal of Neuroscience, 1999, 19, 8818-8829.	3.6	173
29	Molecular mechanisms of CNS synaptogenesis. Trends in Neurosciences, 2002, 25, 243-250.	8.6	172
30	Interaction of the N-Methylâ€"aspartate Receptor Complex with a Novel Synapse-associated Protein, SAP102. Journal of Biological Chemistry, 1996, 271, 21622-21628.	3.4	167
31	Synapse-Associated Protein-97 Isoform-Specific Regulation of Surface AMPA Receptors and Synaptic Function in Cultured Neurons. Journal of Neuroscience, 2003, 23, 4567-4576.	3.6	162
32	Molecular Mechanisms of Presynaptic Differentiation. Annual Review of Cell and Developmental Biology, 2008, 24, 237-262.	9.4	159
33	Autism-Associated Mutations in ProSAP2/Shank3 Impair Synaptic Transmission and Neurexinâ€"Neuroligin-Mediated Transsynaptic Signaling. Journal of Neuroscience, 2012, 32, 14966-14978.	3.6	154
34	Postsynaptic Density Assembly Is Fundamentally Different from Presynaptic Active Zone Assembly. Journal of Neuroscience, 2004, 24, 1507-1520.	3.6	151
35	Local Sharing as a Predominant Determinant of Synaptic Matrix Molecular Dynamics. PLoS Biology, 2006, 4, e271.	5.6	151
36	Bassoon Controls Presynaptic Autophagy through Atg5. Neuron, 2017, 93, 897-913.e7.	8.1	151

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37	Role of Bassoon and Piccolo in Assembly and Molecular Organization of the Active Zone. Frontiers in Synaptic Neuroscience, 2015, 7, 19.	2.5	147
38	Differential expression of the presynaptic cytomatrix protein bassoon among ribbon synapses in the mammalian retina. European Journal of Neuroscience, 1999, 11, 3683-3693.	2.6	145
39	Piccolo modulation of Synapsin1a dynamics regulates synaptic vesicle exocytosis. Journal of Cell Biology, 2008, 181, 831-846.	5.2	142
40	v-SNARE Composition Distinguishes Synaptic Vesicle Pools. Neuron, 2011, 71, 474-487.	8.1	142
41	Ubiquitous and Temperature-Dependent Neural Plasticity in Hibernators. Journal of Neuroscience, 2006, 26, 10590-10598.	3.6	139
42	Molecular Cloning of Microtubule-Associated Protein 1 (MAP1A) and Microtubule-Associated Protein 5 (MAP1B): Identification of Distinct Genes and Their Differential Expression in Developing Brain. Journal of Neurochemistry, 1990, 55, 146-154.	3.9	138
43	Bassoon and Piccolo maintain synapse integrity by regulating protein ubiquitination and degradation. EMBO Journal, 2013, 32, 954-969.	7.8	136
44	Brevican, a Chondroitin Sulfate Proteoglycan of Rat Brain, Occurs as Secreted and Cell Surface Glycosylphosphatidylinositol-anchored Isoforms. Journal of Biological Chemistry, 1995, 270, 27206-27212.	3.4	132
45	Localization of the presynaptic cytomatrix protein Piccolo at ribbon and conventional synapses in the rat retina: Comparison with Bassoon. Journal of Comparative Neurology, 2001, 439, 224-234.	1.6	131
46	Interaction of SAP97 with Minus-end-directed Actin Motor Myosin VI. Journal of Biological Chemistry, 2002, 277, 30928-30934.	3.4	130
47	Quantification of nanowire penetration into living cells. Nature Communications, 2014, 5, 3613.	12.8	129
48	Ultrastructural localization of Shaker-related potassium channel subunits and synapse-associated protein 90 to septate-like junctions in rat cerebellar Pinceaux. Molecular Brain Research, 1996, 42, 51-61.	2.3	128
49	The GIT Family of Proteins Forms Multimers and Associates with the Presynaptic Cytomatrix Protein Piccolo. Journal of Biological Chemistry, 2003, 278, 6291-6300.	3.4	122
50	Embryonic MAP2 lacks the cross-linking sidearm sequences and dendritic targeting signal of adult MAP2. Nature, 1989, 340, 650-652.	27.8	120
51	Presynaptic active zones in invertebrates and vertebrates. EMBO Reports, 2015, 16, 923-938.	4.5	113
52	Usp16 contributes to somatic stem-cell defects in Downâ€™s syndrome. Nature, 2013, 501, 380-384.	27.8	112
53	Synaptic Protein Dynamics in Hibernation. Journal of Neuroscience, 2007, 27, 84-92.	3.6	106
54	Presynaptic function in health and disease. Trends in Neurosciences, 2011, 34, 326-337.	8.6	106

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55	The Dynamics of SAP90/PSD-95 Recruitment to New Synaptic Junctions. Molecular and Cellular Neurosciences, 2001, 18, 149-167.	2.2	103
56	Functional regions of the presynaptic cytomatrix protein bassoon: significance for synaptic targeting and cytomatrix anchoring. Molecular and Cellular Neurosciences, 2003, 23, 279-291.	2.2	103
57	Caldendrin, a Novel Neuronal Calcium-binding Protein Confined to the Somato-dendritic Compartment. Journal of Biological Chemistry, 1998, 273, 21324-21331.	3.4	101
58	A 70-Kilodalton Microtubule-Associated Protein (MAP2c), Related to MAP2. Journal of Neurochemistry, 1988, 50, 609-615.	3.9	100
59	Presynaptic cytomatrix protein Bassoon is localized at both excitatory and inhibitory synapses of rat brain. , 1999, 408, 437-448.		95
60	Synaptic SAP97 Isoforms Regulate AMPA Receptor Dynamics and Access to Presynaptic Glutamate. Journal of Neuroscience, 2009, 29, 4332-4345.	3.6	94
61	Identification of acis-acting dendritic targeting element in the mRNA encoding the alpha subunit of Ca2+/calmodulin-dependent protein kinase II. European Journal of Neuroscience, 2001, 13, 1881-1888.	2.6	92
62	Stress- and mitogen-induced phosphorylation of the synapse-associated protein SAP90/PSD-95 by activation of SAPK3/p38gamma and ERK1/ERK2. Biochemical Journal, 2004, 380, 19-30.	3.7	92
63	Functional expression of rat synapse-associated proteins SAP97 and SAP102 in Drosophila dlg-1 mutants: effects on tumor suppression and synaptic bouton structure. Mechanisms of Development, 1997, 62, 161-174.	1.7	89
64	Assembly of Active Zone Precursor Vesicles. Journal of Biological Chemistry, 2006, 281, 6038-6047.	3.4	88
65	The functional nature of synaptic circuitry is altered in area CA3 of the hippocampus in a mouse model of Down's syndrome. Journal of Physiology, 2007, 579, 53-67.	2.9	86
66	Dynein light chain regulates axonal trafficking and synaptic levels of Bassoon. Journal of Cell Biology, 2009, 185, 341-355.	5.2	85
67	Interactions between Piccolo and the Actin/Dynamin-binding Protein Abp1 Link Vesicle Endocytosis to Presynaptic Active Zones. Journal of Biological Chemistry, 2003, 278, 20268-20277.	3.4	84
68	Isoform-specific interactions of apolipoprotein E with the microtubule-associated protein MAP2c: implications for Alzheimer's disease. Neuroscience Letters, 1994, 182, 55-58.	2.1	83
69	Neurabin/Protein Phosphatase-1 Complex Regulates Dendritic Spine Morphogenesis and Maturation. Molecular Biology of the Cell, 2005, 16, 2349-2362.	2.1	83
70	Formation of Golgi-Derived Active Zone Precursor Vesicles. Journal of Neuroscience, 2012, 32, 11095-11108.	3.6	82
71	Rapid Assembly of Functional Presynaptic Boutons Triggered by Adhesive Contacts. Journal of Neuroscience, 2009, 29, 12449-12466.	3.6	80
72	Over-inhibition: a model for developmental intellectual disability. Trends in Neurosciences, 2007, 30, 497-503.	8.6	77

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73	Oncogenic function for the Dlg1 mammalian homolog of the Drosophila discs-large tumor suppressor. EMBO Journal, 2006, 25, 1406-1417.	7.8	73
74	Molecular Mechanisms Regulating the Differential Association of Kainate Receptor Subunits with SAP90/PSD-95 and SAP97. Journal of Biological Chemistry, 2001, 276, 16092-16099.	3.4	70
75	Synaptic proteins and the assembly of synaptic junctions. Trends in Cell Biology, 1996, 6, 429-433.	7.9	69
76	Piccolo Regulates the Dynamic Assembly of Presynaptic F-Actin. Journal of Neuroscience, 2011, 31, 14250-14263.	3.6	69
77	Nucleotide bindind by the synapse associated protein SAP90. FEBS Letters, 1995, 359, 159-163.	2.8	67
78	Principles of glutamatergic synapse formation: seeing the forest for the trees. Current Opinion in Neurobiology, 2001, 11, 536-543.	4.2	66
79	Amyloid beta protein-induced zinc sequestration leads to synaptic loss via dysregulation of the ProSAP2/Shank3 scaffold. Molecular Neurodegeneration, 2011, 6, 65.	10.8	66
80	Protein components of a rat brain synaptic junctional protein preparation. Molecular Brain Research, 1996, 42, 118-122.	2.3	63
81	Transsynaptic Signaling by Postsynaptic Synapse-Associated Protein 97. Journal of Neuroscience, 2006, 26, 2343-2357.	3.6	62
82	Synapse development: still looking for the forest, still lost in the trees. Cell and Tissue Research, 2006, 326, 249-262.	2.9	61
83	Brain-Delivery of Zinc-Ions as Potential Treatment for Neurological Diseases: Mini Review. Drug Delivery Letters, 2011, 1, 13-23.	0.5	60
84	Dietary Zinc Supplementation Prevents Autism Related Behaviors and Striatal Synaptic Dysfunction in Shank3 Exon 13â€“16 Mutant Mice. Frontiers in Cellular Neuroscience, 2018, 12, 374.	3.7	59
85	Exchange and Redistribution Dynamics of the Cytoskeleton of the Active Zone Molecule Bassoon. Journal of Neuroscience, 2009, 29, 351-358.	3.6	54
86	Shank and Zinc Mediate an AMPA Receptor Subunit Switch in Developing Neurons. Frontiers in Molecular Neuroscience, 2018, 11, 405.	2.9	53
87	Light-Activated ROS Production Induces Synaptic Autophagy. Journal of Neuroscience, 2019, 39, 2163-2183.	3.6	53
88	Temporal Appearance of the Presynaptic Cytomatrix Protein Bassoon during Synaptogenesis. Molecular and Cellular Neurosciences, 2000, 15, 417-428.	2.2	52
89	Semaphorin 4B interacts with the post-synaptic density protein PSD-95/SAP90 and is recruited to synapses through a C-terminal PDZ-binding motif. FEBS Letters, 2005, 579, 3821-3828.	2.8	52
90	Shank3 Is Part of a Zinc-Sensitive Signaling System That Regulates Excitatory Synaptic Strength. Journal of Neuroscience, 2016, 36, 9124-9134.	3.6	50

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91	Episodic-like memory in Ts65Dn, a mouse model of Down syndrome. Behavioural Brain Research, 2008, 188, 233-237.	2.2	47
92	Spatial and sub-cellular localization of the membrane cytoskeleton-associated protein Î±-adducin in the rat brain. Brain Research, 1995, 700, 13-24.	2.2	46
93	Functional analysis of the guanylate kinase-like domain in the synapse-associated protein SAP97. FEBS Journal, 1998, 252, 305-313.	0.2	46
94	Development of Novel Zn2+ Loaded Nanoparticles Designed for Cell-Type Targeted Drug Release in CNS Neurons: In Vitro Evidences. PLoS ONE, 2011, 6, e17851.	2.5	46
95	The Down Syndrome Critical Region Regulates Retinogeniculate Refinement. Journal of Neuroscience, 2011, 31, 5764-5776.	3.6	46
96	MAP2a, an Alternatively Spliced Variant of Microtubule-Associated Protein 2. Journal of Neurochemistry, 2002, 66, 1273-1281.	3.9	44
97	Emerging Pharmacotherapies for Neurodevelopmental Disorders. Journal of Developmental and Behavioral Pediatrics, 2010, 31, 564-581.	1.1	44
98	In vivo knockdown of Piccolino disrupts presynaptic ribbon morphology in mouse photoreceptor synapses. Frontiers in Cellular Neuroscience, 2014, 8, 259.	3.7	44
99	Nâ€methylâ€Dâ€aspartate receptor dysfunction by unmutated human antibodies against the NR1 subunit. Annals of Neurology, 2019, 85, 771-776.	5.3	44
100	Expression of Various Microtubule-Associated Protein 2 Forms in the Developing Mouse Brain and in Cultured Neurons and Astrocytes. Journal of Neurochemistry, 1991, 56, 385-391.	3.9	43
101	Disruption of the interaction between myosin VI and SAP97 is associated with a reduction in the number of AMPARs at hippocampal synapses. Journal of Neurochemistry, 2010, 112, 677-690.	3.9	43
102	Parkin contributes to synaptic vesicle autophagy in Bassoon-deficient mice. ELife, 2020, 9, .	6.0	42
103	SAP97 directs NMDA receptor spine targeting and synaptic plasticity. Journal of Physiology, 2011, 589, 4491-4510.	2.9	41
104	Plasma Membrane and Actin Cytoskeleton as Synergistic Barriers to Nanowire Cell Penetration. Langmuir, 2014, 30, 12362-12367.	3.5	40
105	RAE-1, a Novel PHR Binding Protein, Is Required for Axon Termination and Synapse Formation inCaenorhabditis elegans. Journal of Neuroscience, 2012, 32, 2628-2636.	3.6	39
106	Gene structure and genetic localization of thePCLOgene encoding the presynaptic active zone protein Piccolo. International Journal of Developmental Neuroscience, 2002, 20, 161-171.	1.6	35
107	Microtubule-associated proteins MAP5 and MAP1x: closely related components of the neuronal cytoskeleton with different cytoplasmic distributions in the developing brain. Molecular Brain Research, 1989, 5, 85-92.	2.3	33
108	Normal protein composition of synapses in Ts65Dn mice: a mouse model of Down syndrome. Journal of Neurochemistry, 2009, 110, 157-169.	3.9	33

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109	Nest building is impaired in the Ts65Dn mouse model of Down syndrome and rescued by blocking 5HT2a receptors. Neurobiology of Learning and Memory, 2014, 116, 162-171.	1.9	32
110	Piccolo Directs Activity Dependent F-Actin Assembly from Presynaptic Active Zones via Daam1. PLoS ONE, 2015, 10, e0120093.	2.5	32
111	Lu <scp>TH</scp> y: a doubleâ€readout bioluminescenceâ€based twoâ€hybrid technology for quantitative mapping of proteinâ€"protein interactions in mammalian cells. Molecular Systems Biology, 2018, 14, e8071.	7.2	31
112	Use Dependence of Presynaptic Tenacity. Journal of Neuroscience, 2011, 31, 16770-16780.	3.6	29
113	Object recognition memory is conserved in Ts1Cje, a mouse model of Down syndrome. Neuroscience Letters, 2007, 421, 137-141.	2.1	28
114	Synaptic Pathology of Down Syndrome. Advances in Experimental Medicine and Biology, 2012, 970, 451-468.	1.6	28
115	A Multiple Piccolino-RIBEYE Interaction Supports Plate-Shaped Synaptic Ribbons in Retinal Neurons. Journal of Neuroscience, 2019, 39, 2606-2619.	3.6	27
116	Critical role for Piccolo in synaptic vesicle retrieval. ELife, 2019, 8, .	6.0	27
117	Molecular characterization of dendritically localized transcripts encoding MAP2. Molecular Brain Research, 1996, 36, 63-69.	2.3	25
118	Immunocytochemical localization of the synapse-associated protein SAP102 in the rat retina. Journal of Comparative Neurology, 1998, 397, 326-336.	1.6	24
119	A bicistronic lentiviral vector based on the 1D/2A sequence of foot-and-mouth disease virus expresses proteins stoichiometrically. Journal of Biotechnology, 2010, 146, 138-142.	3.8	24
120	Circadian Locomotor Rhythms Are Normal in Ts65Dn â€œDown Syndromeâ€•Mice and Unaffected by Pentylenetetrazole. Journal of Biological Rhythms, 2010, 25, 63-66.	2.6	24
121	Brain-Delivery of Zinc-Ions as Potential Treatment for Neurological Diseases: Mini Review. Drug Delivery Letters, 2011, 1, 13-23.	0.5	23
122	Rescuing the Lost in Translation. Cell, 2016, 165, 765-770.	28.9	23
123	The Presynaptic Cytomatrix Protein Bassoon: Sequence and Chromosomal Localization of the HumanBSNGene. Genomics, 1999, 57, 389-397.	2.9	22
124	A year of unprecedented progress in Down syndrome basic research. Mental Retardation and Developmental Disabilities Research Reviews, 2007, 13, 215-220.	3.6	22
125	Autismâ€associated Shank3 mutations alter mGluR expression and mGluRâ€dependent but not NMDA receptorâ€dependent longâ€term depression. Synapse, 2019, 73, e22097.	1.2	22
126	Membrane Association of Presynaptic Cytomatrix Protein Bassoon. Biochemical and Biophysical Research Communications, 2000, 275, 43-46.	2.1	19

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127	The Exocyst Component Exo70 Modulates Dendrite Arbor Formation, Synapse Density, and Spine Maturation in Primary Hippocampal Neurons. Molecular Neurobiology, 2019, 56, 4620-4638.	4.0	19
128	Encephalitis patient-derived monoclonal GABAA receptor antibodies cause epileptic seizures. Journal of Experimental Medicine, 2021, 218, .	8.5	19
129	Trio, a Rho Family GEF, Interacts with the Presynaptic Active Zone Proteins Piccolo and Bassoon. PLoS ONE, 2016, 11, e0167535.	2.5	17
130	Four repeat MAP2 isoforms in human and rat brain. Molecular Brain Research, 1994, 26, 218-224.	2.3	16
131	Modulation of tau phosphorylation and intracellular localization by cellular stress. Biochemical Journal, 2000, 345, 263.	3.7	16
132	Antagonistic effects of TrkB and p75NTRon NMDA receptor currents in post-synaptic densities transplanted into Xenopus oocytes. Journal of Neurochemistry, 2007, 101, 1672-1684.	3.9	16
133	Nâ€terminal SAP97 isoforms differentially regulate synaptic structure and postsynaptic surface pools of AMPA receptors. Hippocampus, 2017, 27, 668-682.	1.9	16
134	Short-term treatment with flumazenil restores long-term object memory in a mouse model of Down syndrome. Neurobiology of Learning and Memory, 2017, 140, 11-16.	1.9	14
135	Cognitive impairment and autistic-like behaviour in SAPAP4-deficient mice. Translational Psychiatry, 2019, 9, 7.	4.8	13
136	Structural analysis of 3-deoxy-d-arabino-heptulosonate 7-phosphate by 1H-and natural-abundance 13C-n.m.r. spectroscopy. Carbohydrate Research, 1984, 132, 317-322.	2.3	12
137	Loss of Piccolo Function in Rats Induces Cerebellar Network Dysfunction and Pontocerebellar Hypoplasia Type 3-like Phenotypes. Journal of Neuroscience, 2020, 40, 2943-2959.	3.6	12
138	Patient-Derived Anti-NMDAR Antibody Disinhibits Cortical Neuronal Networks through Dysfunction of Inhibitory Neuron Output. Journal of Neuroscience, 2022, 42, 3253-3270.	3.6	12
139	BSN (bassoon) and PRKN/parkin in concert control presynaptic vesicle autophagy. Autophagy, 2020, 16, 1732-1733.	9.1	11
140	Single-shot cloning of multiple cDNAs coding for a set of related microtubule-associated proteins. Gene, 1988, 71, 483-490.	2.2	10
141	Organization of Presynaptic Autophagy-Related Processes. Frontiers in Synaptic Neuroscience, 2022, 14, 829354.	2.5	10
142	Unwebbing the Presynaptic Web. Neuron, 2001, 32, 3-6.	8.1	7
143	Proline-rich synapse-associated protein-1/cortactin binding protein 1 (ProSAP1/CortBP1) is a PDZ-domain protein highly enriched in the postsynaptic density. Annals of Anatomy, 2001, 183, 101.	1.9	7
144	Priming plasticity. Nature, 2002, 415, 277-278.	27.8	7

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145	Cell autonomous defects in cortical development revealed by two-color chimera analysis. Molecular and Cellular Neurosciences, 2009, 41, 44-50.	2.2	6
146	Serineâ€“Arginine Protein Kinase SRPK2 Modulates the Assembly of the Active Zone Scaffolding Protein CAST1/ERC2. Cells, 2019, 8, 1333.	4.1	6
147	In vitro zinc supplementation alters synaptic deficits caused by autism spectrum disorder-associated Shank2 point mutations in hippocampal neurons. Molecular Brain, 2021, 14, 95.	2.6	6
148	Translating academic careers into industry healthcare professions. Nature Biotechnology, 2020, 38, 758-763.	17.5	5
149	Microposter. Trends in Neurosciences, 2002, 25, 251.	8.6	3
150	Structure and Function of Vertebrate and Invertebrate Active Zones. , 2008, , 63-89.		1
151	Long Term Repair of Learning Disability through Short-Term Reduction of CNS Inhibition. Lecture Notes in Computer Science, 2009, , 818-825.	1.3	1
152	Reply:In vitroeffects of a human monoclonal antibody against theN-methyl-d-aspartate receptor. Brain, 2017, 140, e10-e10.	7.6	0