Wen-Cheng Xiong

List of Publications by Year
in descending order

164 papers	10,777 citations	25014 57 h-index	34964 98 g-index
169 all docs	169 docs citations	169 times ranked	12903 citing authors

#	Article	IF	Citations
1	Neuregulin 1 in neural development, synaptic plasticity and schizophrenia. Nature Reviews Neuroscience, 2008, 9, 437-452.	4.9	899
2	Signal Transduction in Neuronal Migration. Cell, 2001, 107, 209-221.	13.5	515
3	Neuregulin 1 regulates pyramidal neuron activity via ErbB4 in parvalbumin-positive interneurons. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1211-1216.	3.3	281
4	Autoantibodies to Lipoprotein-Related Protein 4 in Patients With Double-Seronegative Myasthenia Gravis. Archives of Neurology, 2012, 69, 445.	4.9	280
5	Neuregulin-1 Enhances Depolarization-Induced GABA Release. Neuron, 2007, 54, 599-610.	3.8	279
6	Identification of a Novel Cortactin SH3 Domain-Binding Protein and Its Localization to Growth Cones of Cultured Neurons. Molecular and Cellular Biology, 1998, 18, 5838-5851.	1.1	247
7	VPS35 Deficiency or Mutation Causes Dopaminergic Neuronal Loss by Impairing Mitochondrial Fusion and Function. Cell Reports, 2015, 12, 1631-1643.	2.9	241
8	Neuromuscular Junction Formation, Aging, and Disorders. Annual Review of Physiology, 2018, 80, 159-188.	5.6	240
9	VPS35 haploinsufficiency increases Alzheimerâ€™s disease neuropathology. Journal of Cell Biology, 2011, 195, 765-779.	2.3	239
10	ErbB4 in parvalbumin-positive interneurons is critical for neuregulin 1 regulation of long-term potentiation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21818-21823.	3.3	221
11	VPS35 in Dopamine Neurons Is Required for Endosome-to-Golgi Retrieval of Lamp2a, a Receptor of Chaperone-Mediated Autophagy That Is Critical for Â-Synuclein Degradation and Prevention of Pathogenesis of Parkinson's Disease. Journal of Neuroscience, 2015, 35, 10613-10628.	1.7	204
12	Neuregulin 1 Promotes Excitatory Synapse Development and Function in GABAergic Interneurons. Journal of Neuroscience, 2011, 31, 15-25.	1.7	199
13	Focal adhesion kinase in netrin-1 signaling. Nature Neuroscience, 2004, 7, 1204-1212.	7.1	196
14	YAP promotes osteogenesis and suppresses adipogenic differentiation by regulating Î²-catenin signaling. Bone Research, 2018, 6, 18.	5.4	193
15	Estrogen-Induced Mitochondrial Reactive Oxygen Species as Signal-Transducing Messengersâ€. Biochemistry, 2005, 44, 6900-6909.	1.2	176
16	Antibodies against low-density lipoprotein receptorâ€“related protein 4 induce myasthenia gravis. Journal of Clinical Investigation, 2013, 123, 5190-5202.	3.9	164
17	Regulation of osteoclast function and bone mass by RAGE. Journal of Experimental Medicine, 2006, 203, 1067-1080.	4.2	157
18	Induction of Apoptosis after Expression of PYK2, a Tyrosine Kinase Structurally Related to Focal Adhesion Kinase. Journal of Cell Biology, 1997, 139, 529-539.	2.3	152

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19	Specific Regulation of NRG1 Isoform Expression by Neuronal Activity. Journal of Neuroscience, 2011, 31, 8491-8501.	1.7	143
20	HMGB1 Regulates RANKL-Induced Osteoclastogenesis in a Manner Dependent on RAGE. Journal of Bone and Mineral Research, 2008, 23, 1084-1096.	3.1	129
21	Myosin X regulates netrin receptors and functions in axonal path-finding. Nature Cell Biology, 2007, 9, 184-192.	4.6	128
22	Retrograde regulation of motoneuron differentiation by muscle Î²-catenin. Nature Neuroscience, 2008, 11, 262-268.	7.1	121
23	Autoantibodies to Agrin in Myasthenia Gravis Patients. PLoS ONE, 2014, 9, e91816.	1.1	120
24	LRP4 Is Critical for Neuromuscular Junction Maintenance. Journal of Neuroscience, 2014, 34, 13892-13905.	1.7	118
25	Neogenin inhibits HJV secretion and regulates BMP-induced hepcidin expression and iron homeostasis. Blood, 2010, 115, 3136-3145.	0.6	117
26	Phosphatidylinositol transfer protein-Î± in netrin-1-induced PLC signalling and neurite outgrowth. Nature Cell Biology, 2005, 7, 1124-1132.	4.6	113
27	Reversal of Behavioral Deficits and Synaptic Dysfunction in Mice Overexpressing Neuregulin 1. Neuron, 2013, 78, 644-657.	3.8	111
28	Neogenin Regulation of BMP-Induced Canonical Smad Signaling and Endochondral Bone Formation. Developmental Cell, 2010, 19, 90-102.	3.1	109
29	Regulation of Cdc42 Gtpase by Proline-Rich Tyrosine Kinase 2 Interacting with Psgap, a Novel Pleckstrin Homology and Src Homology 3 Domain Containing Rhogap Protein. Journal of Cell Biology, 2001, 152, 971-984.	2.3	108
30	Defective glia induce neuronal apoptosis in the repo visual system of Drosophila. Neuron, 1995, 14, 581-590.	3.8	107
31	Glycogen Synthase Kinase 3Î² Is Tyrosine Phosphorylated by PYK2. Biochemical and Biophysical Research Communications, 2001, 284, 485-489.	1.0	106
32	Regulation of the formation of osteoclastic actin rings by proline-rich tyrosine kinase 2 interacting with gelsolin. Journal of Cell Biology, 2003, 160, 565-575.	2.3	105
33	Netrin-1 mediates neuronal survival through PIKE-L interaction with the dependence receptor UNC5B. Nature Cell Biology, 2008, 10, 698-706.	4.6	94
34	VPS35 regulates developing mouse hippocampal neuronal morphogenesis by promoting retrograde trafficking of BACE1. Biology Open, 2012, 1, 1248-1257.	0.6	91
35	YAP stabilizes SMAD1 and promotes BMP2-induced neocortical astrocytic differentiation. Development (Cambridge), 2016, 143, 2398-2409.	1.2	91
36	Lrp4 in astrocytes modulates glutamatergic transmission. Nature Neuroscience, 2016, 19, 1010-1018.	7.1	91

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37	Regulation of heterochromatin remodelling and myogenin expression during muscle differentiation by FAK interaction with MBD2. EMBO Journal, 2009, 28, 2568-2582.	3.5	90
38	Mitochondrial signals initiate the activation of câ€Jun N â€terminal kinase (JNK) by hypoxiaâ€reoxygenation. FASEB Journal, 2004, 18, 1060-1070.	0.2	88
39	PI-3 kinase and IP3 are both necessary and sufficient to mediate NT3-induced synaptic potentiation. Nature Neuroscience, 2001, 4, 19-28.	7.1	87
40	Wnt proteins regulate acetylcholine receptor clustering in muscle cells. Molecular Brain, 2012, 5, 7.	1.3	86
41	Genetic Labeling Reveals Novel Cellular Targets of Schizophrenia Susceptibility Gene: Distribution of GABA and Non-GABA ErbB4-Positive Cells in Adult Mouse Brain. Journal of Neuroscience, 2014, 34, 13549-13566.	1.7	84
42	Schwann Cells in Neuromuscular Junction Formation and Maintenance. Journal of Neuroscience, 2016, 36, 9770-9781.	1.7	82
43	Â-Catenin Regulates Acetylcholine Receptor Clustering in Muscle Cells through Interaction with Rapsyn. Journal of Neuroscience, 2007, 27, 3968-3973.	1.7	81
44	Maintenance of GABAergic Activity by Neuregulin 1-ErbB4 in Amygdala for Fear Memory. Neuron, 2014, 84, 835-846.	3.8	80
45	Neuronal Repellent Slit2 Inhibits Dendritic Cell Migration and the Development of Immune Responses. Journal of Immunology, 2003, 171, 6519-6526.	0.4	79
46	YAP Is a Critical Inducer of SOCS3, Preventing Reactive Astrogliosis. Cerebral Cortex, 2016, 26, 2299-2310.	1.6	79
47	Lrp4 in osteoblasts suppresses bone formation and promotes osteoclastogenesis and bone resorption. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3487-3492.	3.3	76
48	Loss-of-Function Mutations in HPSE2 Cause the Autosomal Recessive Urofacial Syndrome. American Journal of Human Genetics, 2010, 86, 957-962.	2.6	75
49	APPswe/AÎ² regulation of osteoclast activation and RAGE expression in an age-dependent manner. Journal of Bone and Mineral Research, 2011, 26, 1084-1098.	3.1	74
50	CUL3 Deficiency Causes Social Deficits and Anxiety-like Behaviors by Impairing Excitation-Inhibition Balance through the Promotion of Cap-Dependent Translation. Neuron, 2020, 105, 475-490.e6.	3.8	70
51	Erbin regulates NRG1 signaling and myelination. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9477-9482.	3.3	67
52	Synaptic Dysfunction in Schizophrenia. Advances in Experimental Medicine and Biology, 2012, 970, 493-516.	0.8	67
53	VPS35-deficiency results in an impaired AMPA receptor trafficking and decreased dendritic spine maturation. Molecular Brain, 2015, 8, 70.	1.3	65
54	Thrombospondin Induces RhoA Inactivation through FAK-dependent Signaling to Stimulate Focal Adhesion Disassembly. Journal of Biological Chemistry, 2004, 279, 48983-48992.	1.6	63

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55	RANKL Regulates Fas Expression and Fas-Mediated Apoptosis in Osteoclasts. Journal of Bone and Mineral Research, 2005, 20, 107-116.	3.1	61
56	A Novel Cellular Defect in Diabetes. Diabetes, 2011, 60, 3034-3043.	0.3	61
57	Crosstalk between <scp>Agrin</scp> and <scp>Wnt</scp> signaling pathways in development of vertebrate neuromuscular junction. Developmental Neurobiology, 2014, 74, 828-838.	1.5	61
58	Dynamic ErbB4 Activity in Hippocampal-Prefrontal Synchrony and Top-Down Attention in Rodents. Neuron, 2018, 98, 380-393.e4.	3.8	59
59	Regulation of Spine Formation by ErbB4 in PV-Positive Interneurons. Journal of Neuroscience, 2013, 33, 19295-19303.	1.7	58
60	Muscle Yap Is a Regulator of Neuromuscular Junction Formation and Regeneration. Journal of Neuroscience, 2017, 37, 3465-3477.	1.7	58
61	Enzymatic Activity of the Scaffold Protein Rapsyn for Synapse Formation. Neuron, 2016, 92, 1007-1019.	3.8	57
62	Increased Microglial Activity, Impaired Adult Hippocampal Neurogenesis, and Depressive-like Behavior in Microglial VPS35-Depleted Mice. Journal of Neuroscience, 2018, 38, 5949-5968.	1.7	56
63	Swedish mutant APP suppresses osteoblast differentiation and causes osteoporotic deficit, which are ameliorated by N-acetyl-L-cysteine. Journal of Bone and Mineral Research, 2013, 28, 2122-2135.	3.1	54
64	DCC-dependent Phospholipase C Signaling in Netrin-1-induced Neurite Elongation. Journal of Biological Chemistry, 2006, 281, 2605-2611.	1.6	53
65	Slit2 as a Î²-catenin/Ctnnb1-dependent retrograde signal for presynaptic differentiation. ELife, 2015, 4, .	2.8	50
66	Erbin interacts with TARP Î³-2 for surface expression of AMPA receptors in cortical interneurons. Nature Neuroscience, 2013, 16, 290-299.	7.1	47
67	Î²-Catenin gain of function in muscles impairs neuromuscular junction formation. Development (Cambridge), 2012, 139, 2392-2404.	1.2	45
68	LRP4 in neuromuscular junction and bone development and diseases. Bone, 2015, 80, 101-108.	1.4	45
69	Formation of Kv2.1â€FAK complex as a mechanism of FAK activation, cell polarization and enhanced motility. Journal of Cellular Physiology, 2008, 217, 544-557.	2.0	44
70	Neogenin Promotes BMP2 Activation of YAP and Smad1 and Enhances Astrocytic Differentiation in Developing Mouse Neocortex. Journal of Neuroscience, 2016, 36, 5833-5849.	1.7	44
71	Erbin Is Required for Myelination in Regenerated Axons after Injury. Journal of Neuroscience, 2012, 32, 15169-15180.	1.7	41
72	Motoneuron Wnts regulate neuromuscular junction development. ELife, 2018, 7, .	2.8	41

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73	Analysis of Expression Pattern and Genetic Deletion of Netrin5 in the Developing Mouse. Frontiers in Molecular Neuroscience, 2016, 9, 3.	1.4	40
74	Sarcoglycan Alpha Mitigates Neuromuscular Junction Decline in Aged Mice by Stabilizing LRP4. Journal of Neuroscience, 2018, 38, 8860-8873.	1.7	40
75	Stimulated ErbB4 internalization is necessary for neuregulin signaling in neurons. Biochemical and Biophysical Research Communications, 2007, 354, 505-510.	1.0	39
76	Autism candidate gene DIP2A regulates spine morphogenesis via acetylation of cortactin. PLoS Biology, 2019, 17, e3000461.	2.6	39
77	Lrp4 expression by adipocytes and osteoblasts differentially impacts sclerostinâ€™s endocrine effects on body composition and glucose metabolism. Journal of Biological Chemistry, 2019, 294, 6899-6911.	1.6	39
78	PYK2 interacts with MyD88 and regulates MyD88-mediated NF-ÂB activation in macrophages. Journal of Leukocyte Biology, 2010, 87, 415-423.	1.5	37
79	Vps35 loss promotes hyperresorptive osteoclastogenesis and osteoporosis via sustained RANKL signaling. Journal of Cell Biology, 2013, 200, 821-837.	2.3	37
80	Role of Erbin in ErbB2-dependent breast tumor growth. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4429-38.	3.3	37
81	Agrin-Lrp4-Ror2 signaling regulates adult hippocampal neurogenesis in mice. ELife, 2019, 8, .	2.8	37
82	Neogenin, a regulator of adult hippocampal neurogenesis, prevents depressive-like behavior. Cell Death and Disease, 2018, 9, 8.	2.7	36
83	A Role of Low-Density Lipoprotein Receptor-Related Protein 4 (LRP4) in Astrocytic AÎ² Clearance. Journal of Neuroscience, 2020, 40, 5347-5361.	1.7	35
84	RAGE and its ligands in bone metabolism. Frontiers in Bioscience - Scholar, 2011, S3, 768-776.	0.8	34
85	Receptor for Advanced Glycation End Products (RAGE) Prevents Endothelial Cell Membrane Resealing and Regulates F-actin Remodeling in a Î²-Catenin-dependent Manner. Journal of Biological Chemistry, 2011, 286, 35061-35070.	1.6	34
86	Genetic recovery of ErbB4 in adulthood partially restores brain functions in null mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13105-13110.	3.3	33
87	Induction of Anti-agrin Antibodies Causes Myasthenia Gravis in Mice. Neuroscience, 2018, 373, 113-121.	1.1	32
88	Coupling of terminal differentiation deficit with neurodegenerative pathology in Vps35-deficient pyramidal neurons. Cell Death and Differentiation, 2020, 27, 2099-2116.	5.0	32
89	Tyrosine Phosphorylation of Netrin Receptors in Netrin-1 Signaling. NeuroSignals, 2008, 16, 235-245.	0.5	30
90	Controlling of glutamate release by neuregulin3 via inhibiting the assembly of the SNARE complex. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2508-2513.	3.3	30

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91	Agrin and LRP4 antibodies as new biomarkers of myasthenia gravis. Annals of the New York Academy of Sciences, 2018, 1413, 126-135.	1.8	30
92	DCC-Mediated Dab1 Phosphorylation Participates in the Multipolar-to-Bipolar Transition of Migrating Neurons. Cell Reports, 2018, 22, 3598-3611.	2.9	30
93	PYK2 and FAK in osteoclasts. Frontiers in Bioscience - Landmark, 2003, 8, d1219-1226.	3.0	29
94	APP promotes osteoblast survival and bone formation by regulating mitochondrial function and preventing oxidative stress. Cell Death and Disease, 2018, 9, 1077.	2.7	29
95	The neogenin/DCC homolog UNC-40 promotes BMP signaling via the RGM protein DRAG-1 in C. elegans. Development (Cambridge), 2013, 140, 4070-4080.	1.2	28
96	Role of Glucocorticoid-induced Leucine Zipper (GILZ) in Bone Acquisition. Journal of Biological Chemistry, 2014, 289, 19373-19382.	1.6	28
97	Critical Roles of Embryonic Born Dorsal Dentate Granule Neurons for Activity-Dependent Increases in BDNF, Adult Hippocampal Neurogenesis, and Antianxiety-like Behaviors. Biological Psychiatry, 2021, 89, 600-614.	0.7	28
98	Transmembrane protein 108 is required for glutamatergic transmission in dentate gyrus. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1177-1182.	3.3	27
99	Roles of FAK family kinases in nervous system. Frontiers in Bioscience - Landmark, 2003, 8, s676-682.	3.0	26
100	Astrocytic neogenin/netrin-1 pathway promotes blood vessel homeostasis and function in mouse cortex. Journal of Clinical Investigation, 2020, 130, 6490-6509.	3.9	25
101	FAK interaction with MBD2. Cell Adhesion and Migration, 2010, 4, 77-80.	1.1	23
102	Regulation of Synapse Development byVgatDeletion from ErbB4-Positive Interneurons. Journal of Neuroscience, 2018, 38, 2533-2550.	1.7	23
103	Mitochondrial amyloid-beta peptide: Pathogenesis or late-phase development?. Journal of Alzheimer's Disease, 2006, 9, 127-137.	1.2	22
104	Netrin-1 promotes glioma growth by activating NF-ÎºB via UNC5A. Scientific Reports, 2017, 7, 5454.	1.6	22
105	Astrocytic Lrp4 (Low-Density Lipoprotein Receptorâ€“Related Protein 4) Contributes to Ischemia-Induced Brain Injury by Regulating ATP Release and Adenosine-A _{2A} R (Adenosine A2A Receptor) Signaling. Stroke, 2018, 49, 165-174.	1.0	22
106	Ependymal Vps35 Promotes Ependymal Cell Differentiation and Survival, Suppresses Microglial Activation, and Prevents Neonatal Hydrocephalus. Journal of Neuroscience, 2020, 40, 3862-3879.	1.7	22
107	Neogenin in Amygdala for Neuronal Activity and Information Processing. Journal of Neuroscience, 2018, 38, 9600-9613.	1.7	21
108	Neddylation stabilizes Nav1.1 to maintain interneuron excitability and prevent seizures in murine epilepsy models. Journal of Clinical Investigation, 2021, 131, .	3.9	21

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109	Osteoblastic Lrp4 promotes osteoclastogenesis by regulating ATP release and adenosine-A2AR signaling. Journal of Cell Biology, 2017, 216, 761-778.	2.3	20
110	Vps35 haploinsufficiency results in degenerative-like deficit in mouse retinal ganglion neurons and impairment of optic nerve injury-induced gliosis. Molecular Brain, 2014, 7, 10.	1.3	19
111	Iron Chelation Inhibits Osteoclastic Differentiation In Vitro and in Tg2576 Mouse Model of Alzheimerâ€™s Disease. PLoS ONE, 2015, 10, e0139395.	1.1	18
112	Retromer in Osteoblasts Interacts With Protein Phosphatase 1 Regulator Subunit 14C, Terminates Parathyroid Hormone's Signaling, and Promotes Its Catabolic Response. EBioMedicine, 2016, 9, 45-60.	2.7	18
113	Regulation of neural stem cell proliferation and differentiation by Kinesin family member 2a. PLoS ONE, 2017, 12, e0179047.	1.1	17
114	Microglial VPS35 deficiency regulates microglial polarization and decreases ischemic stroke-induced damage in the cortex. Journal of Neuroinflammation, 2019, 16, 235.	3.1	17
115	A mechanism in agrin signaling revealed by a prevalent Rapsyn mutation in congenital myasthenic syndrome. ELife, 2019, 8, .	2.8	17
116	ERBB3-mediated regulation of Bergmann glia proliferation in cerebellar lamination. Development (Cambridge), 2015, 142, 522-32.	1.2	16
117	Agrin to YAP in Cancer and Neuromuscular Junctions. Trends in Cancer, 2017, 3, 247-248.	3.8	16
118	Neddylation is critical to cortical development by regulating Wnt/Î²-catenin signaling. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26448-26459.	3.3	16
119	Rapsyn as a signaling and scaffolding molecule in neuromuscular junction formation and maintenance. Neuroscience Letters, 2020, 731, 135013.	1.0	16
120	Differential regulation of myosin X movements by its cargos, DCC and neogenin. Journal of Cell Science, 2012, 125, 751-762.	1.2	15
121	General Introduction to In Situ Hybridization Protocol Using Nonradioactively Labeled Probes to Detect mRNAs on Tissue Sections. Methods in Molecular Biology, 2013, 1018, 165-174.	0.4	15
122	A novel spinal neuron connection for heat sensation. Neuron, 2022, 110, 2315-2333.e6.	3.8	15
123	MuSK Signaling at the Neuromuscular Junction. Journal of Molecular Neuroscience, 2006, 30, 223-226.	1.1	14
124	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency. PLoS Biology, 2020, 18, e3000731.	2.6	13
125	Hepcidin contributes to Swedish mutant APP-induced osteoclastogenesis and trabecular bone loss. Bone Research, 2021, 9, 31.	5.4	13
126	Neogenin-loss in neural crest cells results in persistent hyperplastic primary vitreous formation. Journal of Molecular Cell Biology, 2020, 12, 17-31.	1.5	12

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127	Myosin X Interaction with KIF13B, a Crucial Pathway for Netrin-1-Induced Axonal Development. Journal of Neuroscience, 2020, 40, 9169-9185.	1.7	12
128	Microglial VPS35 deficiency impairs AÎ² phagocytosis and AÎ²-induced disease-associated microglia, and enhances AÎ² associated pathology. Journal of Neuroinflammation, 2022, 19, 61.	3.1	12
129	A Role of Lamin A/C in Preventing Neuromuscular Junction Decline in Mice. Journal of Neuroscience, 2020, 40, 7203-7215.	1.7	10
130	Hippocampal astrocytic neogenin regulating glutamate uptake, a critical pathway for preventing epileptic response. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	10
131	The laterodorsal tegmentum-ventral tegmental area circuit controls depression-like behaviors by activating ErbB4 in DA neurons. Molecular Psychiatry, 2023, 28, 1027-1045.	4.1	10
132	Linking cortical astrocytic neogenin deficiency to the development of Moyamoya diseaseâ€“like vasculopathy. Neurobiology of Disease, 2021, 154, 105339.	2.1	10
133	Neogenin-YAP signaling in neocortical astrocytic differentiation. Neurogenesis (Austin, Tex), 2016, 3, e1248735.	1.5	9
134	Lack of Myosin X Enhances Osteoclastogenesis and Increases Cell Surface Unc5b in Osteoclast-Lineage Cells. Journal of Bone and Mineral Research, 2019, 34, 939-954.	3.1	9
135	Membraneless condensates by Rapsn phase separation as a platform for neuromuscular junction formation. Neuron, 2021, 109, 1963-1978.e5.	3.8	9
136	The Inhibition of Heat Shock Protein 90 Facilitates the Degradation of Poly-Alanine Expanded Poly (A) Binding Protein Nuclear 1 via the Carboxyl Terminus of Heat Shock Protein 70-Interacting Protein. PLoS ONE, 2015, 10, e0138936.	1.1	8
137	Ephrin-B3 recruits PSD-95 to synapses. Nature Neuroscience, 2015, 18, 1535-1537.	7.1	8
138	Human antigen R-regulated mRNA metabolism promotes the cell motility of migrating neurons. Development (Cambridge), 2020, 147, .	1.2	8
139	RANKL Regulates Fas Expression and Fas-Mediated Apoptosis in Osteoclasts. Journal of Bone and Mineral Research, 2005, 20, 107-116.	3.1	8
140	The Ig1/2 Domain of MuSK Binds to Muscle Surface and Is Involved in Acetylcholine Receptor Clustering. NeuroSignals, 2008, 16, 246-253.	0.5	7
141	pHluorin-BACE1-mCherry Acts as a Reporter for the Intracellular Distribution of Active BACE1 In Vitro and In Vivo. Cells, 2019, 8, 474.	1.8	7
142	Neuregulin 1 and ErbB4 kinase actively regulate sharp wave ripples in the hippocampus. Journal of Neuroscience, 2021, , JN-RM-1022-21.	1.7	7
143	Parkinson's in the bone. Cell and Bioscience, 2021, 11, 190.	2.1	6
144	Expression of Low Level of VPS35-mCherry Fusion Protein Diminishes Vps35 Depletion Induced Neuron Terminal Differentiation Deficits and Neurodegenerative Pathology, and Prevents Neonatal Death. International Journal of Molecular Sciences, 2021, 22, 8394.	1.8	5

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145	Adolescent dopamine slows spine maturation. Nature Neuroscience, 2013, 16, 1514-1516.	7.1	4
146	Osteoblastic Swedish mutant APP expedites brain deficits by inducing endoplasmic reticulum stress-driven senescence. Communications Biology, 2021, 4, 1326.	2.0	4
147	The marriage of glucose and blood vessels: It isnâ€™t all that sweet. Cell Metabolism, 2005, 2, 212-215.	7.2	3
148	Culture of Dissociated Hippocampal Neurons. Methods in Molecular Biology, 2013, 1018, 39-47.	0.4	3
149	Vps35-deficiency impairs SLC4A11 trafficking and promotes corneal dystrophy. PLoS ONE, 2017, 12, e0184906.	1.1	2
150	In trans neuregulin3-Caspr3 interaction controls DA axonal bassoon cluster development. Current Biology, 2021, 31, 3330-3342.e7.	1.8	2
151	MuSK: A Kinase Critical for the Formation and Maintenance of the Neuromuscular Junction. Neuromethods, 2012, , 203-217.	0.2	2
152	Excessive mitophagy for anxiety. Neuron, 2021, 109, 3715-3716.	3.8	2
153	Critical Role of Neuronal Vps35 in Blood Vessel Branching and Maturation in Developing Mouse Brain. Biomedicines, 2022, 10, 1653.	1.4	1
154	Neuregulin-1 signaling in schizophrenia. Future Neurology, 2007, 2, 477-480.	0.9	0
155	Modeling Schizophrenia in Neuregulin 1 and ErbB4 Mutant Mice. Neuromethods, 2011, , 261-277.	0.2	0
156	Erbin in cortical inhibition. Future Neurology, 2013, 8, 369-372.	0.9	0
157	NETRIN-1 SIGNALING AND GnRH NEURONAL MIGRATION. Biology of Reproduction, 2007, 77, 134-134.	1.2	0
158	VPS35 haploinsufficiency increases Alzheimer's disease neuropathology. Journal of Experimental Medicine, 2011, 208, i35-i35.	4.2	0
159	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency. , 2020, 18, e3000731.		0
160	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency. , 2020, 18, e3000731.		0
161	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency. , 2020, 18, e3000731.		0
162	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency. , 2020, 18, e3000731.		0

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163	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency. , 2020, 18, e3000731.		0
164	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency. , 2020, 18, e3000731.		0