

Wen-Cheng Xiong

List of Publications by Year in descending order

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164
papers

10,777
citations

25034

57
h-index

34986

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. <i>Nature Reviews Neuroscience</i> , 2008, 9, 437-452.	10.2	899
2	Signal Transduction in Neuronal Migration. <i>Cell</i> , 2001, 107, 209-221.	28.9	515
3	Neuregulin 1 regulates pyramidal neuron activity via ErbB4 in parvalbumin-positive interneurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1211-1216.	7.1	281
4	Autoantibodies to Lipoprotein-Related Protein 4 in Patients With Double-Seronegative Myasthenia Gravis. <i>Archives of Neurology</i> , 2012, 69, 445.	4.5	280
5	Neuregulin-1 Enhances Depolarization-Induced GABA Release. <i>Neuron</i> , 2007, 54, 599-610.	8.1	279
6	Identification of a Novel Cortactin SH3 Domain-Binding Protein and Its Localization to Growth Cones of Cultured Neurons. <i>Molecular and Cellular Biology</i> , 1998, 18, 5838-5851.	2.3	247
7	VPS35 Deficiency or Mutation Causes Dopaminergic Neuronal Loss by Impairing Mitochondrial Fusion and Function. <i>Cell Reports</i> , 2015, 12, 1631-1643.	6.4	241
8	Neuromuscular Junction Formation, Aging, and Disorders. <i>Annual Review of Physiology</i> , 2018, 80, 159-188.	13.1	240
9	VPS35 haploinsufficiency increases Alzheimer's disease neuropathology. <i>Journal of Cell Biology</i> , 2011, 195, 765-779.	5.2	239
10	ErbB4 in parvalbumin-positive interneurons is critical for neuregulin 1 regulation of long-term potentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21818-21823.	7.1	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 α -Synuclein Degradation and Prevention of Pathogenesis of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2015, 35, 10613-10628.	3.6	204
12	Neuregulin 1 Promotes Excitatory Synapse Development and Function in GABAergic Interneurons. <i>Journal of Neuroscience</i> , 2011, 31, 15-25.	3.6	199
13	Focal adhesion kinase in netrin-1 signaling. <i>Nature Neuroscience</i> , 2004, 7, 1204-1212.	14.8	196
14	YAP promotes osteogenesis and suppresses adipogenic differentiation by regulating β -catenin signaling. <i>Bone Research</i> , 2018, 6, 18.	11.4	193
15	Estrogen-Induced Mitochondrial Reactive Oxygen Species as Signal-Transducing Messengers. <i>Biochemistry</i> , 2005, 44, 6900-6909.	2.5	176
16	Antibodies against low-density lipoprotein receptor-related protein 4 induce myasthenia gravis. <i>Journal of Clinical Investigation</i> , 2013, 123, 5190-5202.	8.2	164
17	Regulation of osteoclast function and bone mass by RAGE. <i>Journal of Experimental Medicine</i> , 2006, 203, 1067-1080.	8.5	157
18	Induction of Apoptosis after Expression of PYK2, a Tyrosine Kinase Structurally Related to Focal Adhesion Kinase. <i>Journal of Cell Biology</i> , 1997, 139, 529-539.	5.2	152

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19	Specific Regulation of NRG1 Isoform Expression by Neuronal Activity. <i>Journal of Neuroscience</i> , 2011, 31, 8491-8501.	3.6	143
20	HMGB1 Regulates RANKL-Induced Osteoclastogenesis in a Manner Dependent on RAGE. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 1084-1096.	2.8	129
21	Myosin X regulates netrin receptors and functions in axonal path-finding. <i>Nature Cell Biology</i> , 2007, 9, 184-192.	10.3	128
22	Retrograde regulation of motoneuron differentiation by muscle β -catenin. <i>Nature Neuroscience</i> , 2008, 11, 262-268.	14.8	121
23	Autoantibodies to Agrin in Myasthenia Gravis Patients. <i>PLoS ONE</i> , 2014, 9, e91816.	2.5	120
24	LRP4 Is Critical for Neuromuscular Junction Maintenance. <i>Journal of Neuroscience</i> , 2014, 34, 13892-13905.	3.6	118
25	Neogenin inhibits HJV secretion and regulates BMP-induced hepcidin expression and iron homeostasis. <i>Blood</i> , 2010, 115, 3136-3145.	1.4	117
26	Phosphatidylinositol transfer protein- β in netrin-1-induced PLC signalling and neurite outgrowth. <i>Nature Cell Biology</i> , 2005, 7, 1124-1132.	10.3	113
27	Reversal of Behavioral Deficits and Synaptic Dysfunction in Mice Overexpressing Neuregulin 1. <i>Neuron</i> , 2013, 78, 644-657.	8.1	111
28	Neogenin Regulation of BMP-Induced Canonical Smad Signaling and Endochondral Bone Formation. <i>Developmental Cell</i> , 2010, 19, 90-102.	7.0	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. <i>Journal of Cell Biology</i> , 2001, 152, 971-984.	5.2	108
30	Defective glia induce neuronal apoptosis in the repo visual system of <i>Drosophila</i> . <i>Neuron</i> , 1995, 14, 581-590.	8.1	107
31	Glycogen Synthase Kinase β Is Tyrosine Phosphorylated by PYK2. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 485-489.	2.1	106
32	Regulation of the formation of osteoclastic actin rings by proline-rich tyrosine kinase 2 interacting with gelsolin. <i>Journal of Cell Biology</i> , 2003, 160, 565-575.	5.2	105
33	Netrin-1 mediates neuronal survival through PIKE-L interaction with the dependence receptor UNC5B. <i>Nature Cell Biology</i> , 2008, 10, 698-706.	10.3	94
34	VPS35 regulates developing mouse hippocampal neuronal morphogenesis by promoting retrograde trafficking of BACE1. <i>Biology Open</i> , 2012, 1, 1248-1257.	1.2	91
35	YAP stabilizes SMAD1 and promotes BMP2-induced neocortical astrocytic differentiation. <i>Development (Cambridge)</i> , 2016, 143, 2398-2409.	2.5	91
36	Lrp4 in astrocytes modulates glutamatergic transmission. <i>Nature Neuroscience</i> , 2016, 19, 1010-1018.	14.8	91

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37	Regulation of heterochromatin remodelling and myogenin expression during muscle differentiation by FAK interaction with MBD2. <i>EMBO Journal</i> , 2009, 28, 2568-2582.	7.8	90
38	Mitochondrial signals initiate the activation of c-Jun N-terminal kinase (JNK) by hypoxia-reoxygenation. <i>FASEB Journal</i> , 2004, 18, 1060-1070.	0.5	88
39	PI-3 kinase and IP3 are both necessary and sufficient to mediate NT3-induced synaptic potentiation. <i>Nature Neuroscience</i> , 2001, 4, 19-28.	14.8	87
40	Wnt proteins regulate acetylcholine receptor clustering in muscle cells. <i>Molecular Brain</i> , 2012, 5, 7.	2.6	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. <i>Journal of Neuroscience</i> , 2014, 34, 13549-13566.	3.6	84
42	Schwann Cells in Neuromuscular Junction Formation and Maintenance. <i>Journal of Neuroscience</i> , 2016, 36, 9770-9781.	3.6	82
43	Î-Catenin Regulates Acetylcholine Receptor Clustering in Muscle Cells through Interaction with Rapsyn. <i>Journal of Neuroscience</i> , 2007, 27, 3968-3973.	3.6	81
44	Maintenance of GABAergic Activity by Neuregulin 1-ErbB4 in Amygdala for Fear Memory. <i>Neuron</i> , 2014, 84, 835-846.	8.1	80
45	Neuronal Repellent Slit2 Inhibits Dendritic Cell Migration and the Development of Immune Responses. <i>Journal of Immunology</i> , 2003, 171, 6519-6526.	0.8	79
46	YAP Is a Critical Inducer of SOCS3, Preventing Reactive Astroglia. <i>Cerebral Cortex</i> , 2016, 26, 2299-2310.	2.9	79
47	Lrp4 in osteoblasts suppresses bone formation and promotes osteoclastogenesis and bone resorption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3487-3492.	7.1	76
48	Loss-of-Function Mutations in HPSE2 Cause the Autosomal Recessive Urofacial Syndrome. <i>American Journal of Human Genetics</i> , 2010, 86, 957-962.	6.2	75
49	APPswe/AÎ ² regulation of osteoclast activation and RAGE expression in an age-dependent manner. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1084-1098.	2.8	74
50	CUL3 Deficiency Causes Social Deficits and Anxiety-like Behaviors by Impairing Excitation-Inhibition Balance through the Promotion of Cap-Dependent Translation. <i>Neuron</i> , 2020, 105, 475-490.e6.	8.1	70
51	Erbin regulates NRG1 signaling and myelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9477-9482.	7.1	67
52	Synaptic Dysfunction in Schizophrenia. <i>Advances in Experimental Medicine and Biology</i> , 2012, 970, 493-516.	1.6	67
53	VPS35-deficiency results in an impaired AMPA receptor trafficking and decreased dendritic spine maturation. <i>Molecular Brain</i> , 2015, 8, 70.	2.6	65
54	Thrombospondin Induces RhoA Inactivation through FAK-dependent Signaling to Stimulate Focal Adhesion Disassembly. <i>Journal of Biological Chemistry</i> , 2004, 279, 48983-48992.	3.4	63

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55	RANKL Regulates Fas Expression and Fas-Mediated Apoptosis in Osteoclasts. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 107-116.	2.8	61
56	A Novel Cellular Defect in Diabetes. <i>Diabetes</i> , 2011, 60, 3034-3043.	0.6	61
57	Crosstalk between <i>Agrin</i> and <i>Wnt</i> signaling pathways in development of vertebrate neuromuscular junction. <i>Developmental Neurobiology</i> , 2014, 74, 828-838.	3.0	61
58	Dynamic ErbB4 Activity in Hippocampal-Prefrontal Synchrony and Top-Down Attention in Rodents. <i>Neuron</i> , 2018, 98, 380-393.e4.	8.1	59
59	Regulation of Spine Formation by ErbB4 in PV-Positive Interneurons. <i>Journal of Neuroscience</i> , 2013, 33, 19295-19303.	3.6	58
60	Muscle Yap Is a Regulator of Neuromuscular Junction Formation and Regeneration. <i>Journal of Neuroscience</i> , 2017, 37, 3465-3477.	3.6	58
61	Enzymatic Activity of the Scaffold Protein Rapsyn for Synapse Formation. <i>Neuron</i> , 2016, 92, 1007-1019.	8.1	57
62	Increased Microglial Activity, Impaired Adult Hippocampal Neurogenesis, and Depressive-like Behavior in Microglial VPS35-Depleted Mice. <i>Journal of Neuroscience</i> , 2018, 38, 5949-5968.	3.6	56
63	Swedish mutant APP suppresses osteoblast differentiation and causes osteoporotic deficit, which are ameliorated by N-acetyl-L-cysteine. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 2122-2135.	2.8	54
64	DCC-dependent Phospholipase C Signaling in Netrin-1-induced Neurite Elongation. <i>Journal of Biological Chemistry</i> , 2006, 281, 2605-2611.	3.4	53
65	Slit2 as a β -catenin/Ctnnb1-dependent retrograde signal for presynaptic differentiation. <i>ELife</i> , 2015, 4, .	6.0	50
66	Erbin interacts with TARP β -2 for surface expression of AMPA receptors in cortical interneurons. <i>Nature Neuroscience</i> , 2013, 16, 290-299.	14.8	47
67	β -Catenin gain of function in muscles impairs neuromuscular junction formation. <i>Development (Cambridge)</i> , 2012, 139, 2392-2404.	2.5	45
68	LRP4 in neuromuscular junction and bone development and diseases. <i>Bone</i> , 2015, 80, 101-108.	2.9	45
69	Formation of Kv2.1-FAK complex as a mechanism of FAK activation, cell polarization and enhanced motility. <i>Journal of Cellular Physiology</i> , 2008, 217, 544-557.	4.1	44
70	Neogenin Promotes BMP2 Activation of YAP and Smad1 and Enhances Astrocytic Differentiation in Developing Mouse Neocortex. <i>Journal of Neuroscience</i> , 2016, 36, 5833-5849.	3.6	44
71	Erbin Is Required for Myelination in Regenerated Axons after Injury. <i>Journal of Neuroscience</i> , 2012, 32, 15169-15180.	3.6	41
72	Motoneuron Wnts regulate neuromuscular junction development. <i>ELife</i> , 2018, 7, .	6.0	41

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73	Analysis of Expression Pattern and Genetic Deletion of Netrin5 in the Developing Mouse. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 3.	2.9	40
74	Sarcoglycan Alpha Mitigates Neuromuscular Junction Decline in Aged Mice by Stabilizing LRP4. <i>Journal of Neuroscience</i> , 2018, 38, 8860-8873.	3.6	40
75	Stimulated ErbB4 internalization is necessary for neuregulin signaling in neurons. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 505-510.	2.1	39
76	Autism candidate gene DIP2A regulates spine morphogenesis via acetylation of cortactin. <i>PLoS Biology</i> , 2019, 17, e3000461.	5.6	39
77	Lrp4 expression by adipocytes and osteoblasts differentially impacts sclerostin's endocrine effects on body composition and glucose metabolism. <i>Journal of Biological Chemistry</i> , 2019, 294, 6899-6911.	3.4	39
78	PYK2 interacts with MyD88 and regulates MyD88-mediated NF- κ B activation in macrophages. <i>Journal of Leukocyte Biology</i> , 2010, 87, 415-423.	3.3	37
79	Vps35 loss promotes hyperresorptive osteoclastogenesis and osteoporosis via sustained RANKL signaling. <i>Journal of Cell Biology</i> , 2013, 200, 821-837.	5.2	37
80	Role of Erbin in ErbB2-dependent breast tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4429-38.	7.1	37
81	Agriin-Lrp4-Ror2 signaling regulates adult hippocampal neurogenesis in mice. <i>ELife</i> , 2019, 8, .	6.0	37
82	Neogenin, a regulator of adult hippocampal neurogenesis, prevents depressive-like behavior. <i>Cell Death and Disease</i> , 2018, 9, 8.	6.3	36
83	A Role of Low-Density Lipoprotein Receptor-Related Protein 4 (LRP4) in Astrocytic $A\beta$ Clearance. <i>Journal of Neuroscience</i> , 2020, 40, 5347-5361.	3.6	35
84	RAGE and its ligands in bone metabolism. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 768-776.	2.1	34
85	Receptor for Advanced Glycation End Products (RAGE) Prevents Endothelial Cell Membrane Resealing and Regulates F-actin Remodeling in a β -Catenin-dependent Manner. <i>Journal of Biological Chemistry</i> , 2011, 286, 35061-35070.	3.4	34
86	Genetic recovery of ErbB4 in adulthood partially restores brain functions in null mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13105-13110.	7.1	33
87	Induction of Anti-agriin Antibodies Causes Myasthenia Gravis in Mice. <i>Neuroscience</i> , 2018, 373, 113-121.	2.3	32
88	Coupling of terminal differentiation deficit with neurodegenerative pathology in Vps35-deficient pyramidal neurons. <i>Cell Death and Differentiation</i> , 2020, 27, 2099-2116.	11.2	32
89	Tyrosine Phosphorylation of Netrin Receptors in Netrin-1 Signaling. <i>NeuroSignals</i> , 2008, 16, 235-245.	0.9	30
90	Controlling of glutamate release by neuregulin3 via inhibiting the assembly of the SNARE complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2508-2513.	7.1	30

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91	Agrin and LRP4 antibodies as new biomarkers of myasthenia gravis. <i>Annals of the New York Academy of Sciences</i> , 2018, 1413, 126-135.	3.8	30
92	DCC-Mediated Dab1 Phosphorylation Participates in the Multipolar-to-Bipolar Transition of Migrating Neurons. <i>Cell Reports</i> , 2018, 22, 3598-3611.	6.4	30
93	PYK2 and FAK in osteoclasts. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, d1219-1226.	3.0	29
94	APP promotes osteoblast survival and bone formation by regulating mitochondrial function and preventing oxidative stress. <i>Cell Death and Disease</i> , 2018, 9, 1077.	6.3	29
95	The neogenin/DCC homolog UNC-40 promotes BMP signaling via the RGM protein DRAG-1 in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2013, 140, 4070-4080.	2.5	28
96	Role of Glucocorticoid-induced Leucine Zipper (GILZ) in Bone Acquisition. <i>Journal of Biological Chemistry</i> , 2014, 289, 19373-19382.	3.4	28
97	Critical Roles of Embryonic Born Dorsal Dentate Granule Neurons for Activity-Dependent Increases in BDNF, Adult Hippocampal Neurogenesis, and Antianxiety-like Behaviors. <i>Biological Psychiatry</i> , 2021, 89, 600-614.	1.3	28
98	Transmembrane protein 108 is required for glutamatergic transmission in dentate gyrus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1177-1182.	7.1	27
99	Roles of FAK family kinases in nervous system. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, s676-682.	3.0	26
100	Astrocytic neogenin/netrin-1 pathway promotes blood vessel homeostasis and function in mouse cortex. <i>Journal of Clinical Investigation</i> , 2020, 130, 6490-6509.	8.2	25
101	FAK interaction with MBD2. <i>Cell Adhesion and Migration</i> , 2010, 4, 77-80.	2.7	23
102	Regulation of Synapse Development by Vgat Deletion from ErbB4-Positive Interneurons. <i>Journal of Neuroscience</i> , 2018, 38, 2533-2550.	3.6	23
103	Mitochondrial amyloid-beta peptide: Pathogenesis or late-phase development?. <i>Journal of Alzheimer's Disease</i> , 2006, 9, 127-137.	2.6	22
104	Netrin-1 promotes glioma growth by activating NF- κ B via UNC5A. <i>Scientific Reports</i> , 2017, 7, 5454.	3.3	22
105	Astrocytic Lrp4 (Low-Density Lipoprotein Receptor-Related Protein 4) Contributes to Ischemia-Induced Brain Injury by Regulating ATP Release and Adenosine-A _{2A} R (Adenosine A _{2A} Receptor) Signaling. <i>Stroke</i> , 2018, 49, 165-174.	2.0	22
106	Ependymal Vps35 Promotes Ependymal Cell Differentiation and Survival, Suppresses Microglial Activation, and Prevents Neonatal Hydrocephalus. <i>Journal of Neuroscience</i> , 2020, 40, 3862-3879.	3.6	22
107	Neogenin in Amygdala for Neuronal Activity and Information Processing. <i>Journal of Neuroscience</i> , 2018, 38, 9600-9613.	3.6	21
108	Neddylation stabilizes Nav1.1 to maintain interneuron excitability and prevent seizures in murine epilepsy models. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	21

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109	Osteoblastic Lrp4 promotes osteoclastogenesis by regulating ATP release and adenosine-A2AR signaling. <i>Journal of Cell Biology</i> , 2017, 216, 761-778.	5.2	20
110	Vps35 haploinsufficiency results in degenerative-like deficit in mouse retinal ganglion neurons and impairment of optic nerve injury-induced gliosis. <i>Molecular Brain</i> , 2014, 7, 10.	2.6	19
111	Iron Chelation Inhibits Osteoclastic Differentiation In Vitro and in Tg2576 Mouse Model of Alzheimer's Disease. <i>PLoS ONE</i> , 2015, 10, e0139395.	2.5	18
112	Retromer in Osteoblasts Interacts With Protein Phosphatase 1 Regulator Subunit 14C, Terminates Parathyroid Hormone's Signaling, and Promotes Its Catabolic Response. <i>EBioMedicine</i> , 2016, 9, 45-60.	6.1	18
113	Regulation of neural stem cell proliferation and differentiation by Kinesin family member 2a. <i>PLoS ONE</i> , 2017, 12, e0179047.	2.5	17
114	Microglial VPS35 deficiency regulates microglial polarization and decreases ischemic stroke-induced damage in the cortex. <i>Journal of Neuroinflammation</i> , 2019, 16, 235.	7.2	17
115	A mechanism in agrin signaling revealed by a prevalent Rapsyn mutation in congenital myasthenic syndrome. <i>ELife</i> , 2019, 8, .	6.0	17
116	ERBB3-mediated regulation of Bergmann glia proliferation in cerebellar lamination. <i>Development (Cambridge)</i> , 2015, 142, 522-32.	2.5	16
117	Agrin to YAP in Cancer and Neuromuscular Junctions. <i>Trends in Cancer</i> , 2017, 3, 247-248.	7.4	16
118	Neddylation is critical to cortical development by regulating Wnt/ β -catenin signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26448-26459.	7.1	16
119	Rapsyn as a signaling and scaffolding molecule in neuromuscular junction formation and maintenance. <i>Neuroscience Letters</i> , 2020, 731, 135013.	2.1	16
120	Differential regulation of myosin X movements by its cargos, DCC and neogenin. <i>Journal of Cell Science</i> , 2012, 125, 751-762.	2.0	15
121	General Introduction to In Situ Hybridization Protocol Using Nonradioactively Labeled Probes to Detect mRNAs on Tissue Sections. <i>Methods in Molecular Biology</i> , 2013, 1018, 165-174.	0.9	15
122	A novel spinal neuron connection for heat sensation. <i>Neuron</i> , 2022, 110, 2315-2333.e6.	8.1	15
123	MuSK Signaling at the Neuromuscular Junction. <i>Journal of Molecular Neuroscience</i> , 2006, 30, 223-226.	2.3	14
124	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency. <i>PLoS Biology</i> , 2020, 18, e3000731.	5.6	13
125	Hepcidin contributes to Swedish mutant APP-induced osteoclastogenesis and trabecular bone loss. <i>Bone Research</i> , 2021, 9, 31.	11.4	13
126	Neogenin-loss in neural crest cells results in persistent hyperplastic primary vitreous formation. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 17-31.	3.3	12

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127	Myosin X Interaction with KIF13B, a Crucial Pathway for Netrin-1-Induced Axonal Development. <i>Journal of Neuroscience</i> , 2020, 40, 9169-9185.	3.6	12
128	Microglial VPS35 deficiency impairs A β phagocytosis and A β -induced disease-associated microglia, and enhances A β associated pathology. <i>Journal of Neuroinflammation</i> , 2022, 19, 61.	7.2	12
129	A Role of Lamin A/C in Preventing Neuromuscular Junction Decline in Mice. <i>Journal of Neuroscience</i> , 2020, 40, 7203-7215.	3.6	10
130	Hippocampal astrocytic neogenin regulating glutamate uptake, a critical pathway for preventing epileptic response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	10
131	The laterodorsal tegmentum-ventral tegmental area circuit controls depression-like behaviors by activating ErbB4 in DA neurons. <i>Molecular Psychiatry</i> , 2023, 28, 1027-1045.	7.9	10
132	Linking cortical astrocytic neogenin deficiency to the development of Moyamoya disease-like vasculopathy. <i>Neurobiology of Disease</i> , 2021, 154, 105339.	4.4	10
133	Neogenin-YAP signaling in neocortical astrocytic differentiation. <i>Neurogenesis (Austin, Tex)</i> , 2016, 3, e1248735.	1.5	9
134	Lack of Myosin X Enhances Osteoclastogenesis and Increases Cell Surface Unc5b in Osteoclast-Lineage Cells. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 939-954.	2.8	9
135	Membraneless condensates by Rapsn phase separation as a platform for neuromuscular junction formation. <i>Neuron</i> , 2021, 109, 1963-1978.e5.	8.1	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. <i>PLoS ONE</i> , 2015, 10, e0138936.	2.5	8
137	Ephrin-B3 recruits PSD-95 to synapses. <i>Nature Neuroscience</i> , 2015, 18, 1535-1537.	14.8	8
138	Human antigen R-regulated mRNA metabolism promotes the cell motility of migrating neurons. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	8
139	RANKL Regulates Fas Expression and Fas-Mediated Apoptosis in Osteoclasts. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 107-116.	2.8	8
140	The Ig1/2 Domain of MuSK Binds to Muscle Surface and Is Involved in Acetylcholine Receptor Clustering. <i>NeuroSignals</i> , 2008, 16, 246-253.	0.9	7
141	pHluorin-BACE1-mCherry Acts as a Reporter for the Intracellular Distribution of Active BACE1 In Vitro and In Vivo. <i>Cells</i> , 2019, 8, 474.	4.1	7
142	Neuregulin 1 and ErbB4 kinase actively regulate sharp wave ripples in the hippocampus. <i>Journal of Neuroscience</i> , 2021, , JN-RM-1022-21.	3.6	7
143	Parkinson's in the bone. <i>Cell and Bioscience</i> , 2021, 11, 190.	4.8	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. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8394.	4.1	5

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145	Adolescent dopamine slows spine maturation. <i>Nature Neuroscience</i> , 2013, 16, 1514-1516.	14.8	4
146	Osteoblastic Swedish mutant APP expedites brain deficits by inducing endoplasmic reticulum stress-driven senescence. <i>Communications Biology</i> , 2021, 4, 1326.	4.4	4
147	The marriage of glucose and blood vessels: It isn't all that sweet. <i>Cell Metabolism</i> , 2005, 2, 212-215.	16.2	3
148	Culture of Dissociated Hippocampal Neurons. <i>Methods in Molecular Biology</i> , 2013, 1018, 39-47.	0.9	3
149	Vps35-deficiency impairs SLC4A11 trafficking and promotes corneal dystrophy. <i>PLoS ONE</i> , 2017, 12, e0184906.	2.5	2
150	In trans neuregulin3-Caspr3 interaction controls DA axonal bassoon cluster development. <i>Current Biology</i> , 2021, 31, 3330-3342.e7.	3.9	2
151	MuSK: A Kinase Critical for the Formation and Maintenance of the Neuromuscular Junction. <i>Neuromethods</i> , 2012, , 203-217.	0.3	2
152	Excessive mitophagy for anxiety. <i>Neuron</i> , 2021, 109, 3715-3716.	8.1	2
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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
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163	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency. , 2020, 18, e3000731.		0
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