

# Wen-Cheng Xiong

## List of Publications by Citations

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158  
papers

8,450  
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53  
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89  
g-index

169  
ext. papers

9,798  
ext. citations

8.8  
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5.92  
L-index

#	Paper	IF	Citations
158	Neuregulin 1 in neural development, synaptic plasticity and schizophrenia. <i>Nature Reviews Neuroscience</i> , <b>2008</b> , 9, 437-52	13.5	770
157	Signal transduction in neuronal migration: roles of GTPase activating proteins and the small GTPase Cdc42 in the Slit-Robo pathway. <i>Cell</i> , <b>2001</b> , 107, 209-21	56.2	468
156	Neuregulin-1 enhances depolarization-induced GABA release. <i>Neuron</i> , <b>2007</b> , 54, 599-610	13.9	243
155	Autoantibodies to lipoprotein-related protein 4 in patients with double-seronegative myasthenia gravis. <i>Archives of Neurology</i> , <b>2012</b> , 69, 445-51		236
154	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> , <b>2010</b> , 107, 1211-6	11.5	226
153	Identification of a novel cortactin SH3 domain-binding protein and its localization to growth cones of cultured neurons. <i>Molecular and Cellular Biology</i> , <b>1998</b> , 18, 5838-51	4.8	213
152	VPS35 haploinsufficiency increases Alzheimer's disease neuropathology. <i>Journal of Cell Biology</i> , <b>2011</b> , 195, 765-79	7.3	185
151	Focal adhesion kinase in netrin-1 signaling. <i>Nature Neuroscience</i> , <b>2004</b> , 7, 1204-12	25.5	182
150	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> , <b>2010</b> , 107, 21818-23	11.5	179
149	VPS35 Deficiency or Mutation Causes Dopaminergic Neuronal Loss by Impairing Mitochondrial Fusion and Function. <i>Cell Reports</i> , <b>2015</b> , 12, 1631-43	10.6	170
148	Neuregulin 1 promotes excitatory synapse development and function in GABAergic interneurons. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 15-25	6.6	162
147	Estrogen-induced mitochondrial reactive oxygen species as signal-transducing messengers. <i>Biochemistry</i> , <b>2005</b> , 44, 6900-9	3.2	156
146	VPS35 in Dopamine Neurons Is Required for Endosome-to-Golgi Retrieval of Lamp2a, a Receptor of Chaperone-Mediated Autophagy That Is Critical for Synuclein Degradation and Prevention of Pathogenesis of Parkinson's Disease. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 10613-28	6.6	154
145	Induction of apoptosis after expression of PYK2, a tyrosine kinase structurally related to focal adhesion kinase. <i>Journal of Cell Biology</i> , <b>1997</b> , 139, 529-39	7.3	146
144	Neuromuscular Junction Formation, Aging, and Disorders. <i>Annual Review of Physiology</i> , <b>2018</b> , 80, 159-188	33.1	140
143	Regulation of osteoclast function and bone mass by RAGE. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 1067-80	16.6	128
142	Myosin X regulates netrin receptors and functions in axonal path-finding. <i>Nature Cell Biology</i> , <b>2007</b> , 9, 184-92	23.4	117

141	Antibodies against low-density lipoprotein receptor-related protein 4 induce myasthenia gravis. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 5190-202	15.9	114
140	Specific regulation of NRG1 isoform expression by neuronal activity. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 8491-501	6.6	111
139	Neogenin inhibits HJV secretion and regulates BMP-induced hepcidin expression and iron homeostasis. <i>Blood</i> , <b>2010</b> , 115, 3136-45	2.2	109
138	HMGB1 regulates RANKL-induced osteoclastogenesis in a manner dependent on RAGE. <i>Journal of Bone and Mineral Research</i> , <b>2008</b> , 23, 1084-96	6.3	108
137	Phosphatidylinositol transfer protein-alpha in netrin-1-induced PLC signalling and neurite outgrowth. <i>Nature Cell Biology</i> , <b>2005</b> , 7, 1124-32	23.4	107
136	Retrograde regulation of motoneuron differentiation by muscle beta-catenin. <i>Nature Neuroscience</i> , <b>2008</b> , 11, 262-8	25.5	103
135	Neogenin regulation of BMP-induced canonical Smad signaling and endochondral bone formation. <i>Developmental Cell</i> , <b>2010</b> , 19, 90-102	10.2	99
134	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> , <b>2001</b> , 152, 971-84	7.3	98
133	Defective glia induce neuronal apoptosis in the repo visual system of Drosophila. <i>Neuron</i> , <b>1995</b> , 14, 581-90.9	9.9	97
132	Autoantibodies to agrin in myasthenia gravis patients. <i>PLoS ONE</i> , <b>2014</b> , 9, e91816	3.7	96
131	Reversal of behavioral deficits and synaptic dysfunction in mice overexpressing neuregulin 1. <i>Neuron</i> , <b>2013</b> , 78, 644-57	13.9	95
130	Regulation of the formation of osteoclastic actin rings by proline-rich tyrosine kinase 2 interacting with gelsolin. <i>Journal of Cell Biology</i> , <b>2003</b> , 160, 565-75	7.3	94
129	LRP4 is critical for neuromuscular junction maintenance. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 13892-905	6.6	92
128	Glycogen synthase kinase 3beta is tyrosine phosphorylated by PYK2. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 284, 485-9	3.4	89
127	Netrin-1 mediates neuronal survival through PIKE-L interaction with the dependence receptor UNC5B. <i>Nature Cell Biology</i> , <b>2008</b> , 10, 698-706	23.4	83
126	Mitochondrial signals initiate the activation of c-Jun N-terminal kinase (JNK) by hypoxia-reoxygenation. <i>FASEB Journal</i> , <b>2004</b> , 18, 1060-70	0.9	83
125	PI-3 kinase and IP3 are both necessary and sufficient to mediate NT3-induced synaptic potentiation. <i>Nature Neuroscience</i> , <b>2001</b> , 4, 19-28	25.5	82
124	Regulation of heterochromatin remodelling and myogenin expression during muscle differentiation by FAK interaction with MBD2. <i>EMBO Journal</i> , <b>2009</b> , 28, 2568-82	13	78

123	Beta-catenin regulates acetylcholine receptor clustering in muscle cells through interaction with rapsyn. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 3968-73	6.6	72
122	Neuronal repellent Slit2 inhibits dendritic cell migration and the development of immune responses. <i>Journal of Immunology</i> , <b>2003</b> , 171, 6519-26	5.3	72
121	Wnt proteins regulate acetylcholine receptor clustering in muscle cells. <i>Molecular Brain</i> , <b>2012</b> , 5, 7	4.5	70
120	Maintenance of GABAergic activity by neuregulin 1-ErbB4 in amygdala for fear memory. <i>Neuron</i> , <b>2014</b> , 84, 835-46	13.9	65
119	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> , <b>2014</b> , 34, 13549-66	6.6	64
118	Erbin regulates NRG1 signaling and myelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 9477-82	11.5	63
117	Loss-of-function mutations in HPSE2 cause the autosomal recessive urofacial syndrome. <i>American Journal of Human Genetics</i> , <b>2010</b> , 86, 957-62	11	63
116	Schwann Cells in Neuromuscular Junction Formation and Maintenance. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 9770-81	6.6	59
115	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> , <b>2015</b> , 112, 3487-92	11.5	59
114	RANKL regulates Fas expression and Fas-mediated apoptosis in osteoclasts. <i>Journal of Bone and Mineral Research</i> , <b>2005</b> , 20, 107-16	6.3	58
113	Lrp4 in astrocytes modulates glutamatergic transmission. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 1010-8	25.5	57
112	YAP stabilizes SMAD1 and promotes BMP2-induced neocortical astrocytic differentiation. <i>Development (Cambridge)</i> , <b>2016</b> , 143, 2398-409	6.6	57
111	YAP Is a Critical Inducer of SOCS3, Preventing Reactive Astrogliosis. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 2299-2310	5.1	54
110	VPS35-deficiency results in an impaired AMPA receptor trafficking and decreased dendritic spine maturation. <i>Molecular Brain</i> , <b>2015</b> , 8, 70	4.5	54
109	VPS35 regulates developing mouse hippocampal neuronal morphogenesis by promoting retrograde trafficking of BACE1. <i>Biology Open</i> , <b>2012</b> , 1, 1248-57	2.2	54
108	Thrombospondin induces RhoA inactivation through FAK-dependent signaling to stimulate focal adhesion disassembly. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 48983-92	5.4	54
107	Crosstalk between Agrin and Wnt signaling pathways in development of vertebrate neuromuscular junction. <i>Developmental Neurobiology</i> , <b>2014</b> , 74, 828-38	3.2	53
106	Synaptic dysfunction in schizophrenia. <i>Advances in Experimental Medicine and Biology</i> , <b>2012</b> , 970, 493-516	6.6	52

105	Regulation of spine formation by ErbB4 in PV-positive interneurons. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 19295-303	6.6	50
104	APPswe/A $\beta$ regulation of osteoclast activation and RAGE expression in an age-dependent manner. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 1084-98	6.3	50
103	Muscle Yap Is a Regulator of Neuromuscular Junction Formation and Regeneration. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 3465-3477	6.6	47
102	A novel cellular defect in diabetes: membrane repair failure. <i>Diabetes</i> , <b>2011</b> , 60, 3034-43	0.9	47
101	DCC-dependent phospholipase C signaling in netrin-1-induced neurite elongation. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 2605-11	5.4	47
100	Enzymatic Activity of the Scaffold Protein Rapsyn for Synapse Formation. <i>Neuron</i> , <b>2016</b> , 92, 1007-1019	13.9	42
99	Increased Microglial Activity, Impaired Adult Hippocampal Neurogenesis, and Depressive-like Behavior in Microglial VPS35-Depleted Mice. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 5949-5968	6.6	39
98	Slit2 as a $\beta$ -catenin/Ctnnb1-dependent retrograde signal for presynaptic differentiation. <i>ELife</i> , <b>2015</b> , 4,	8.9	38
97	$\beta$ -Catenin gain of function in muscles impairs neuromuscular junction formation. <i>Development (Cambridge)</i> , <b>2012</b> , 139, 2392-404	6.6	37
96	Formation of Kv2.1-FAK complex as a mechanism of FAK activation, cell polarization and enhanced motility. <i>Journal of Cellular Physiology</i> , <b>2008</b> , 217, 544-57	7	37
95	Erbin interacts with TARP $\beta$ for surface expression of AMPA receptors in cortical interneurons. <i>Nature Neuroscience</i> , <b>2013</b> , 16, 290-9	25.5	36
94	Stimulated ErbB4 internalization is necessary for neuregulin signaling in neurons. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 354, 505-10	3.4	36
93	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> , <b>2013</b> , 28, 2122-35	6.3	35
92	LRP4 in neuromuscular junction and bone development and diseases. <i>Bone</i> , <b>2015</b> , 80, 101-108	4.7	34
91	Erbin is required for myelination in regenerated axons after injury. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 15169-80	6.6	34
90	Vps35 loss promotes hyperresorptive osteoclastogenesis and osteoporosis via sustained RANKL signaling. <i>Journal of Cell Biology</i> , <b>2013</b> , 200, 821-37	7.3	32
89	Role of Erbin in ErbB2-dependent breast tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E4429-38	11.5	31
88	Neogenin Promotes BMP2 Activation of YAP and Smad1 and Enhances Astrocytic Differentiation in Developing Mouse Neocortex. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 5833-49	6.6	30

87	CUL3 Deficiency Causes Social Deficits and Anxiety-like Behaviors by Impairing Excitation-Inhibition Balance through the Promotion of Cap-Dependent Translation. <i>Neuron</i> , <b>2020</b> , 105, 475-490.e6	13.9	29
86	Dynamic ErbB4 Activity in Hippocampal-Prefrontal Synchrony and Top-Down Attention in Rodents. <i>Neuron</i> , <b>2018</b> , 98, 380-393.e4	13.9	28
85	Receptor for advanced glycation end products (RAGE) prevents endothelial cell membrane resealing and regulates F-actin remodeling in a beta-catenin-dependent manner. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 35061-70	5.4	28
84	Neogenin, a regulator of adult hippocampal neurogenesis, prevents depressive-like behavior. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 8	9.8	27
83	PYK2 interacts with MyD88 and regulates MyD88-mediated NF-kappaB activation in macrophages. <i>Journal of Leukocyte Biology</i> , <b>2010</b> , 87, 415-23	6.5	25
82	Tyrosine phosphorylation of netrin receptors in netrin-1 signaling. <i>NeuroSignals</i> , <b>2008</b> , 16, 235-45	1.9	25
81	PYK2 and FAK in osteoclasts. <i>Frontiers in Bioscience - Landmark</i> , <b>2003</b> , 8, d1219-26	2.8	25
80	Analysis of Expression Pattern and Genetic Deletion of Netrin5 in the Developing Mouse. <i>Frontiers in Molecular Neuroscience</i> , <b>2016</b> , 9, 3	6.1	25
79	Sarcoglycan Alpha Mitigates Neuromuscular Junction Decline in Aged Mice by Stabilizing LRP4. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 8860-8873	6.6	25
78	The neogenin/DCC homolog UNC-40 promotes BMP signaling via the RGM protein DRAG-1 in <i>C. elegans</i> . <i>Development (Cambridge)</i> , <b>2013</b> , 140, 4070-80	6.6	24
77	RAGE and its ligands in bone metabolism. <i>Frontiers in Bioscience - Scholar</i> , <b>2011</b> , 3, 768-76	2.4	24
76	Agrin and LRP4 antibodies as new biomarkers of myasthenia gravis. <i>Annals of the New York Academy of Sciences</i> , <b>2018</b> , 1413, 126-135	6.5	23
75	Role of glucocorticoid-induced leucine zipper (GILZ) in bone acquisition. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 19373-82	5.4	23
74	Motoneuron Wnts regulate neuromuscular junction development. <i>ELife</i> , <b>2018</b> , 7,	8.9	23
73	Mitochondrial amyloid-beta peptide: pathogenesis or late-phase development?. <i>Journal of Alzheimer's Disease</i> , <b>2006</b> , 9, 127-37	4.3	22
72	Induction of Anti-agrin Antibodies Causes Myasthenia Gravis in Mice. <i>Neuroscience</i> , <b>2018</b> , 373, 113-121	3.9	21
71	Roles of FAK family kinases in nervous system. <i>Frontiers in Bioscience - Landmark</i> , <b>2003</b> , 8, s676-82	2.8	21
70	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> , <b>2018</b> , 115, 2508-2513	11.5	20

69	Coupling of terminal differentiation deficit with neurodegenerative pathology in Vps35-deficient pyramidal neurons. <i>Cell Death and Differentiation</i> , <b>2020</b> , 27, 2099-2116	12.7	20
68	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> , <b>2018</b> , 115, 13105-13110	11.5	20
67	DCC-Mediated Dab1 Phosphorylation Participates in the Multipolar-to-Bipolar Transition of Migrating Neurons. <i>Cell Reports</i> , <b>2018</b> , 22, 3598-3611	10.6	19
66	Autism candidate gene DIP2A regulates spine morphogenesis via acetylation of cortactin. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000461	9.7	18
65	Vps35 haploinsufficiency results in degenerative-like deficit in mouse retinal ganglion neurons and impairment of optic nerve injury-induced gliosis. <i>Molecular Brain</i> , <b>2014</b> , 7, 10	4.5	18
64	FAK interaction with MBD2: A link from cell adhesion to nuclear chromatin remodeling?. <i>Cell Adhesion and Migration</i> , <b>2010</b> , 4, 77-80	3.2	18
63	Agrin-Lrp4-Ror2 signaling regulates adult hippocampal neurogenesis in mice. <i>ELife</i> , <b>2019</b> , 8,	8.9	16
62	Osteoblastic Lrp4 promotes osteoclastogenesis by regulating ATP release and adenosine-AR signaling. <i>Journal of Cell Biology</i> , <b>2017</b> , 216, 761-778	7.3	15
61	Lrp4 expression by adipocytes and osteoblasts differentially impacts sclerostin's endocrine effects on body composition and glucose metabolism. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 6899-6911	5.4	15
60	ERBB3-mediated regulation of Bergmann glia proliferation in cerebellar lamination. <i>Development (Cambridge)</i> , <b>2015</b> , 142, 522-32	6.6	15
59	APP promotes osteoblast survival and bone formation by regulating mitochondrial function and preventing oxidative stress. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 1077	9.8	15
58	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> , <b>2017</b> , 114, 1177-1182	11.5	14
57	Regulation of Synapse Development by Deletion from ErbB4-Positive Interneurons. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 2533-2550	6.6	14
56	Differential regulation of myosin X movements by its cargos, DCC and neogenin. <i>Journal of Cell Science</i> , <b>2012</b> , 125, 751-62	5.3	14
55	Retromer in Osteoblasts Interacts With Protein Phosphatase 1 Regulator Subunit 14C, Terminates Parathyroid Hormone's Signaling, and Promotes Its Catabolic Response. <i>EBioMedicine</i> , <b>2016</b> , 9, 45-60	8.8	14
54	Iron Chelation Inhibits Osteoclastic Differentiation In Vitro and in Tg2576 Mouse Model of Alzheimer's Disease. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139395	3.7	13
53	A mechanism in agrin signaling revealed by a prevalent Rapsyn mutation in congenital myasthenic syndrome. <i>ELife</i> , <b>2019</b> , 8,	8.9	13
52	Agrin to YAP in Cancer and Neuromuscular Junctions. <i>Trends in Cancer</i> , <b>2017</b> , 3, 247-248	12.5	12

51	Netrin-1 promotes glioma growth by activating NF- $\kappa$ B via UNC5A. <i>Scientific Reports</i> , <b>2017</b> , 7, 5454	4.9	12
50	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> , <b>2021</b> , 89, 600-614	7.9	12
49	Astrocytic Lrp4 (Low-Density Lipoprotein Receptor-Related Protein 4) Contributes to Ischemia-Induced Brain Injury by Regulating ATP Release and Adenosine-AR (Adenosine A2A Receptor) Signaling. <i>Stroke</i> , <b>2018</b> , 49, 165-174	6.7	12
48	A Role of Low-Density Lipoprotein Receptor-Related Protein 4 (LRP4) in Astrocytic A $\beta$ Clearance. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 5347-5361	6.6	11
47	MuSK signaling at the neuromuscular junction. <i>Journal of Molecular Neuroscience</i> , <b>2006</b> , 30, 223-6	3.3	11
46	Neogenin in Amygdala for Neuronal Activity and Information Processing. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 9600-9613	6.6	11
45	Regulation of neural stem cell proliferation and differentiation by Kinesin family member 2a. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179047	3.7	9
44	Astrocytic neogenin/netrin-1 pathway promotes blood vessel homeostasis and function in mouse cortex. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 6490-6509	15.9	9
43	RANKL Regulates Fas Expression and Fas-Mediated Apoptosis in Osteoclasts <b>2005</b> , 20, 107		8
42	Neddylation is critical to cortical development by regulating Wnt/ $\beta$ catenin signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 26448-26459	11.5	8
41	Lack of Myosin X Enhances Osteoclastogenesis and Increases Cell Surface Unc5b in Osteoclast-Lineage Cells. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 939-954	6.3	8
40	Ependymal Vps35 Promotes Ependymal Cell Differentiation and Survival, Suppresses Microglial Activation, and Prevents Neonatal Hydrocephalus. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 3862-3879	6.6	8
39	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency. <i>PLoS Biology</i> , <b>2020</b> , 18, e30007317	3.17	7
38	The Ig1/2 domain of MuSK binds to muscle surface and is involved in acetylcholine receptor clustering. <i>NeuroSignals</i> , <b>2008</b> , 16, 246-53	1.9	7
37	Microglial VPS35 deficiency regulates microglial polarization and decreases ischemic stroke-induced damage in the cortex. <i>Journal of Neuroinflammation</i> , <b>2019</b> , 16, 235	10.1	7
36	Neogenin-YAP signaling in neocortical astrocytic differentiation. <i>Neurogenesis (Austin, Tex)</i> , <b>2016</b> , 3, e1248735		6
35	Human antigen R-regulated mRNA metabolism promotes the cell motility of migrating mouse neurons. <i>Development (Cambridge)</i> , <b>2020</b> , 147,	6.6	5
34	Rapsyn as a signaling and scaffolding molecule in neuromuscular junction formation and maintenance. <i>Neuroscience Letters</i> , <b>2020</b> , 731, 135013	3.3	5



33	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> , <b>2015</b> , 10, e0138936	3.7	5
32	General introduction to in situ hybridization protocol using nonradioactively labeled probes to detect mRNAs on tissue sections. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1018, 165-74	1.4	5
31	A Role of Lamin A/C in Preventing Neuromuscular Junction Decline in Mice. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 7203-7215	6.6	5
30	Neogenin-loss in neural crest cells results in persistent hyperplastic primary vitreous formation. <i>Journal of Molecular Cell Biology</i> , <b>2020</b> , 12, 17-31	6.3	5
29	pHluorin-BACE1-mCherry Acts as a Reporter for the Intracellular Distribution of Active BACE1 In Vitro and In Vivo. <i>Cells</i> , <b>2019</b> , 8,	7.9	3
28	Culture of dissociated hippocampal neurons. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1018, 39-47	1.4	3
27	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> , <b>2021</b> , 118,	11.5	3
26	Hepcidin contributes to Swedish mutant APP-induced osteoclastogenesis and trabecular bone loss. <i>Bone Research</i> , <b>2021</b> , 9, 31	13.3	3
25	Membraneless condensates by Rapsn phase separation as a platform for neuromuscular junction formation. <i>Neuron</i> , <b>2021</b> , 109, 1963-1978.e5	13.9	3
24	Linking cortical astrocytic neogenin deficiency to the development of Moyamoya disease-like vasculopathy. <i>Neurobiology of Disease</i> , <b>2021</b> , 154, 105339	7.5	3
23	Ephrin-B3 recruits PSD-95 to synapses. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 1535-7	25.5	2
22	The marriage of glucose and blood vessels: it isn't all that sweet. <i>Cell Metabolism</i> , <b>2005</b> , 2, 212-5	24.6	2
21	MuSK: A Kinase Critical for the Formation and Maintenance of the Neuromuscular Junction. <i>Neuromethods</i> , <b>2012</b> , 203-217	0.4	2
20	Myosin X Interaction with KIF13B, a Crucial Pathway for Netrin-1-Induced Axonal Development. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 9169-9185	6.6	2
19	Neddylaton stabilizes Nav1.1 to maintain interneuron excitability and prevent seizures in murine epilepsy models. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	2
18	Microglial VPS35 deficiency impairs A $\beta$ phagocytosis and A $\beta$ -induced disease-associated microglia, and enhances A $\beta$ -associated pathology.. <i>Journal of Neuroinflammation</i> , <b>2022</b> , 19, 61	10.1	2
17	Vps35-deficiency impairs SLC4A11 trafficking and promotes corneal dystrophy. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184906	18.7	1
16	In trans neuregulin3-Caspr3 interaction controls DA axonal bassoon cluster development. <i>Current Biology</i> , <b>2021</b> , 31, 3330-3342.e7	6.3	1

15	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> , <b>2021</b> , 22,	6.3	1
14	Parkinson's in the bone. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 190	9.8	0
13	Osteoblastic Swedish mutant APP expedites brain deficits by inducing endoplasmic reticulum stress-driven senescence. <i>Communications Biology</i> , <b>2021</b> , 4, 1326	6.7	0
12	ErbB in cortical inhibition. <i>Future Neurology</i> , <b>2013</b> , 8, 369-372	1.5	
11	Modeling Schizophrenia in Neuregulin 1 and ErbB4 Mutant Mice. <i>NeuroMethods</i> , <b>2011</b> , 261-277	0.4	
10	Neuregulin-1 signaling in schizophrenia. <i>Future Neurology</i> , <b>2007</b> , 2, 477-480	1.5	
9	Excessive mitophagy for anxiety. <i>Neuron</i> , <b>2021</b> , 109, 3715-3716	13.9	
8	NETRIN-1 SIGNALING AND GnRH NEURONAL MIGRATION. <i>Biology of Reproduction</i> , <b>2007</b> , 77, 134-134	3.9	
7	VPS35 haploinsufficiency increases Alzheimer's disease neuropathology. <i>Journal of Experimental Medicine</i> , <b>2011</b> , 208, i35-i35	16.6	
6	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency <b>2020</b> , 18, e3000731		
5	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency <b>2020</b> , 18, e3000731		
4	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency <b>2020</b> , 18, e3000731		
3	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency <b>2020</b> , 18, e3000731		
2	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency <b>2020</b> , 18, e3000731		
1	Linking skeletal muscle aging with osteoporosis by lamin A/C deficiency <b>2020</b> , 18, e3000731		