

# Min Zhuo

## List of Publications by Year in descending order

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Version: 2024-02-01

323  
papers

24,242  
citations

6486

82  
h-index

10955

142  
g-index

349  
all docs

349  
docs citations

349  
times ranked

19032  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-brain mapping of efferent projections of the anterior cingulate cortex in adult male mice. <i>Molecular Pain</i> , 2022, 18, 174480692210945.	1.0	7
2	Human safety study of a selective neuronal adenylyl cyclase 1 inhibitor NB001 which relieves the neuropathic pain and blocks ACC in adult mice. <i>Molecular Pain</i> , 2022, 18, 174480692210895.	1.0	5
3	Mapping thalamic-anterior cingulate monosynaptic inputs in adult mice. <i>Molecular Pain</i> , 2022, 18, 174480692210870.	1.0	9
4	Glutamatergic synapses from the insular cortex to the basolateral amygdala encode observational pain. <i>Neuron</i> , 2022, 110, 1993-2008.e6.	3.8	46
5	Selective Recruitment of Presynaptic and Postsynaptic Forms of mGluR-LTD. <i>Frontiers in Synaptic Neuroscience</i> , 2022, 14, .	1.3	6
6	Enhancement of behavioral nociceptive responses but not itching responses by viewing mirror images in adult mice. <i>Molecular Pain</i> , 2022, 18, 174480692211111.	1.0	0
7	Inhibition of calcium-stimulated adenylyl cyclase subtype 1 (AC1) for the treatment of neuropathic and inflammatory pain in adult female mice. <i>Molecular Pain</i> , 2021, 17, 174480692110216.	1.0	11
8	Cellular and synaptic mechanisms for Parkinson's disease-related chronic pain. <i>Molecular Pain</i> , 2021, 17, 174480692199902.	1.0	7
9	Further evidence that CP-AMPA receptors are critically involved in synaptic tag and capture at hippocampal CA1 synapses. <i>Molecular Brain</i> , 2021, 14, 26.	1.3	8
10	NMDA GluN2C/2D receptors contribute to synaptic regulation and plasticity in the anterior cingulate cortex of adult mice. <i>Molecular Brain</i> , 2021, 14, 60.	1.3	4
11	Multiple synaptic connections into a single cortical pyramidal cell or interneuron in the anterior cingulate cortex of adult mice. <i>Molecular Brain</i> , 2021, 14, 88.	1.3	5
12	Oxytocin in the anterior cingulate cortex attenuates neuropathic pain and emotional anxiety by inhibiting presynaptic long-term potentiation. <i>Cell Reports</i> , 2021, 36, 109411.	2.9	70
13	Brain-derived neurotrophic factor produced long-term synaptic enhancement in the anterior cingulate cortex of adult mice. <i>Molecular Brain</i> , 2021, 14, 140.	1.3	15
14	NMDA receptors and synaptic plasticity in the anterior cingulate cortex. <i>Neuropharmacology</i> , 2021, 197, 108749.	2.0	45
15	PKA drives an increase in AMPA receptor unitary conductance during LTP in the hippocampus. <i>Nature Communications</i> , 2021, 12, 413.	5.8	27
16	NMDA Receptor-Dependent Synaptic Depression in Potentiated Synapses of the Anterior Cingulate Cortex of adult Mice. <i>Molecular Pain</i> , 2021, 17, 174480692110180.	1.0	10
17	Synaptic potentiation of anterior cingulate cortex contributes to chronic pain of Parkinson's disease. <i>Molecular Brain</i> , 2021, 14, 161.	1.3	6
18	Selective inhibition of adenylyl cyclase subtype 1 reduces inflammatory pain in chicken of gouty arthritis. <i>Molecular Pain</i> , 2021, 17, 174480692110478.	1.0	6

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19	Cortical mechanisms in migraine. <i>Molecular Pain</i> , 2021, 17, 174480692110502.	1.0	8
20	The GSK-3 Inhibitor CT99021 Enhances the Acquisition of Spatial Learning and the Accuracy of Spatial Memory. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 804130.	1.4	4
21	Cortical plasticity as synaptic mechanism for chronic pain. <i>Journal of Neural Transmission</i> , 2020, 127, 567-573.	1.4	25
22	Cyclic AMP-dependent positive feedback signaling pathways in the cortex contributes to visceral pain. <i>Journal of Neurochemistry</i> , 2020, 153, 252-263.	2.1	20
23	Restoration of Cingulate Long-Term Depression by Enhancing Non-apoptotic Caspase 3 Alleviates Peripheral Pain Hypersensitivity. <i>Cell Reports</i> , 2020, 33, 108369.	2.9	21
24	Neuronal Adenylyl Cyclase Targeting Central Plasticity for the Treatment of Chronic Pain. <i>Neurotherapeutics</i> , 2020, 17, 861-874.	2.1	20
25	FMRP acts as a key messenger for visceral pain modulation. <i>Molecular Pain</i> , 2020, 16, 174480692097224.	1.0	6
26	Sex difference in synaptic plasticity in the anterior cingulate cortex of adult mice. <i>Molecular Brain</i> , 2020, 13, 41.	1.3	11
27	Cortical potentiation induced by calcitonin gene-related peptide (CGRP) in the insular cortex of adult mice. <i>Molecular Brain</i> , 2020, 13, 36.	1.3	16
28	Upregulation of Beta4 subunit of BKCa channels in the anterior cingulate cortex contributes to mechanical allodynia associated anxiety-like behaviors. <i>Molecular Brain</i> , 2020, 13, 22.	1.3	6
29	The anterior insular cortex unilaterally controls feeding in response to aversive visceral stimuli in mice. <i>Nature Communications</i> , 2020, 11, 640.	5.8	42
30	Presynaptic long-term potentiation requires extracellular signal-regulated kinases in the anterior cingulate cortex. <i>Molecular Pain</i> , 2020, 16, 174480692091724.	1.0	1
31	Ascending noradrenergic excitation from the locus coeruleus to the anterior cingulate cortex. <i>Molecular Brain</i> , 2020, 13, 49.	1.3	44
32	Shared Brain Synaptic Mechanisms of Pain and Anxiety. , 2020, , 50-62.		0
33	NMDA Receptor Dependent Long-term Potentiation in Chronic Pain. <i>Neurochemical Research</i> , 2019, 44, 531-538.	1.6	50
34	Peripheral nerve injury induces rapid turnover of cortical NCAM1 and synaptic reorganization. <i>IBRO Reports</i> , 2019, 6, 5403.	0.3	0
35	Reduced behavioral withdrawal responses during fear retrieval in adult mice and rats. <i>Molecular Pain</i> , 2019, 15, 174480691987615.	1.0	2
36	Contagious itch can be induced in humans but not in rodents. <i>Molecular Brain</i> , 2019, 12, 38.	1.3	10

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37	Calcium-stimulated adenylyl cyclase subtype 1 is required for presynaptic long-term potentiation in the insular cortex of adult mice. <i>Molecular Pain</i> , 2019, 15, 174480691984296.	1.0	19
38	Effects of matrix metalloproteinase inhibitors on N-methyl-D-aspartate receptor and contribute to long-term potentiation in the anterior cingulate cortex of adult mice. <i>Molecular Pain</i> , 2019, 15, 174480691984295.	1.0	4
39	On the Role of Calcium-Permeable AMPARs in Long-Term Potentiation and Synaptic Tagging in the Rodent Hippocampus. <i>Frontiers in Synaptic Neuroscience</i> , 2019, 11, 4.	1.3	19
40	Differential sensitivity of three forms of hippocampal synaptic potentiation to depotentiation. <i>Molecular Brain</i> , 2019, 12, 30.	1.3	6
41	Calcitonin gene-related peptide potentiated the excitatory transmission and network propagation in the anterior cingulate cortex of adult mice. <i>Molecular Pain</i> , 2019, 15, 174480691983271.	1.0	24
42	Long-term cortical synaptic changes contribute to chronic pain and emotional disorders. <i>Neuroscience Letters</i> , 2019, 702, 66-70.	1.0	24
43	Hyperactivity of Anterior Cingulate Cortex Areas 24a/24b Drives Chronic Pain-Induced Anxiodepressive-like Consequences. <i>Journal of Neuroscience</i> , 2018, 38, 3102-3115.	1.7	158
44	Rapid Turnover of Cortical NCAM1 Regulates Synaptic Reorganization after Peripheral Nerve Injury. <i>Cell Reports</i> , 2018, 22, 748-759.	2.9	35
45	Potentiation of cortical excitatory transmission in chronic pain. <i>Pain</i> , 2018, 159, 212-213.	2.0	2
46	No requirement of interleukine-1 for long-term potentiation in the anterior cingulate cortex of adult mice. <i>Molecular Pain</i> , 2018, 14, 174480691876579.	1.0	3
47	Dual roles of anterior cingulate cortex neurons in pain and pleasure in adult mice. <i>Molecular Brain</i> , 2018, 11, 72.	1.3	8
48	The Probability of Neurotransmitter Release Governs AMPA Receptor Trafficking via Activity-Dependent Regulation of mGluR1 Surface Expression. <i>Cell Reports</i> , 2018, 25, 3631-3646.e3.	2.9	13
49	The Role of Calcium-Permeable AMPARs in Long-Term Potentiation at Principal Neurons in the Rodent Hippocampus. <i>Frontiers in Synaptic Neuroscience</i> , 2018, 10, 42.	1.3	68
50	Reduced synaptic function of Kainate receptors in the insular cortex of Fmr1 Knock-out mice. <i>Molecular Brain</i> , 2018, 11, 54.	1.3	5
51	Cortical LTP: A Synaptic Model for Chronic Pain. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1099, 147-155.	0.8	8
52	Top-down descending facilitation of spinal sensory excitatory transmission from the anterior cingulate cortex. <i>Nature Communications</i> , 2018, 9, 1886.	5.8	151
53	Transcription-independent expression of PKM $\beta$ in the anterior cingulate cortex contributes to chronically maintained neuropathic pain. <i>Molecular Pain</i> , 2018, 14, 174480691878394.	1.0	8
54	Loss of Synaptic Tagging in the Anterior Cingulate Cortex after Tail Amputation in Adult Mice. <i>Journal of Neuroscience</i> , 2018, 38, 8060-8070.	1.7	6

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55	Heterosynaptic long-term potentiation from the anterior cingulate cortex to spinal cord in adult rats. <i>Molecular Pain</i> , 2018, 14, 174480691879840.	1.0	4
56	Postsynaptic RIM1 modulates synaptic function by facilitating membrane delivery of recycling NMDARs in hippocampal neurons. <i>Nature Communications</i> , 2018, 9, 2267.	5.8	40
57	Neuronal and microglial mechanisms for neuropathic pain in the spinal dorsal horn and anterior cingulate cortex. <i>Journal of Neurochemistry</i> , 2017, 141, 486-498.	2.1	112
58	Descending facilitation. <i>Molecular Pain</i> , 2017, 13, 174480691769921.	1.0	60
59	New mechanisms for pain: From neurons to glia; from spinal cord to cortex. <i>Journal of Neurochemistry</i> , 2017, 141, 484-485.	2.1	0
60	SCRAPPER Selectively Contributes to Spontaneous Release and Presynaptic Long-Term Potentiation in the Anterior Cingulate Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 3887-3895.	1.7	20
61	Characterization of postsynaptic calcium signals in the pyramidal neurons of anterior cingulate cortex. <i>Molecular Pain</i> , 2017, 13, 174480691771984.	1.0	10
62	Selective Phosphorylation of AMPA Receptor Contributes to the Network of Long-Term Potentiation in the Anterior Cingulate Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 8534-8548.	1.7	45
63	Calcium-stimulated adenylyl cyclase subtype 1 (AC1) contributes to LTP in the insular cortex of adult mice. <i>Heliyon</i> , 2017, 3, e00338.	1.4	19
64	Cortical kainate receptors and behavioral anxiety. <i>Molecular Brain</i> , 2017, 10, 16.	1.3	27
65	Characterization of serotonin-induced inhibition of excitatory synaptic transmission in the anterior cingulate cortex. <i>Molecular Brain</i> , 2017, 10, 21.	1.3	29
66	Ionotropic glutamate receptors contribute to pain transmission and chronic pain. <i>Neuropharmacology</i> , 2017, 112, 228-234.	2.0	84
67	Elevated progranulin contributes to synaptic and learning deficit due to loss of fragile X mental retardation protein. <i>Brain</i> , 2017, 140, 3215-3232.	3.7	21
68	Inhibition of anterior cingulate cortex excitatory neuronal activity induces conditioned place preference in a mouse model of chronic inflammatory pain. <i>Korean Journal of Physiology and Pharmacology</i> , 2017, 21, 487.	0.6	14
69	Characterization of excitatory synaptic transmission in the anterior cingulate cortex of adult tree shrew. <i>Molecular Brain</i> , 2017, 10, 58.	1.3	11
70	Metabotropic Glutamate Receptor Dependent Cortical Plasticity in Chronic Pain. <i>Current Neuropharmacology</i> , 2016, 14, 427-434.	1.4	18
71	Dopaminergic Modulation of Excitatory Transmission in the Anterior Cingulate Cortex of Adult Mice. <i>Molecular Pain</i> , 2016, 12, 174480691664815.	1.0	15
72	Analgesic effects of adenylyl cyclase inhibitor NB001 on bone cancer pain in a mouse model. <i>Molecular Pain</i> , 2016, 12, 174480691665240.	1.0	19

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73	Contribution of synaptic plasticity in the insular cortex to chronic pain. <i>Neuroscience</i> , 2016, 338, 220-229.	1.1	85
74	Calcium activated adenylyl cyclase AC8 but not AC1 is required for prolonged behavioral anxiety. <i>Molecular Brain</i> , 2016, 9, 60.	1.3	14
75	Surface expression of hippocampal NMDA GluN2B receptors regulated by fear conditioning determines its contribution to memory consolidation in adult rats. <i>Scientific Reports</i> , 2016, 6, 30743.	1.6	11
76	Characterization of the anterior cingulate cortex in adult tree shrew. <i>Molecular Pain</i> , 2016, 12, 174480691668451.	1.0	8
77	Specific cytoarchitectural changes in hippocampal subareas in daDREAM mice. <i>Molecular Brain</i> , 2016, 9, 22.	1.3	22
78	Synaptic plasticity in the anterior cingulate cortex in acute and chronic pain. <i>Nature Reviews Neuroscience</i> , 2016, 17, 485-496.	4.9	509
79	Reduced acute nociception and chronic pain in <i>Shank2</i> <sup>+/+</sup> mice. <i>Molecular Pain</i> , 2016, 12, 174480691664705.	1.0	29
80	Pre-LTP requires extracellular signal-regulated kinase in the ACC. <i>Molecular Pain</i> , 2016, 12, 174480691664737.	1.0	11
81	Neural Mechanisms Underlying Anxiety-Chronic Pain Interactions. <i>Trends in Neurosciences</i> , 2016, 39, 136-145.	4.2	220
82	Calcium-Permeable AMPA Receptors Mediate the Induction of the Protein Kinase A-Dependent Component of Long-Term Potentiation in the Hippocampus. <i>Journal of Neuroscience</i> , 2016, 36, 622-631.	1.7	80
83	Pain Perception in Acute Model Mice of Parkinson's Disease Induced by 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine (MPTP). <i>Molecular Pain</i> , 2015, 11, s12990-015-0026.	1.0	51
84	Minocycline does Not Affect Long-Term Potentiation in the Anterior Cingulate Cortex of Normal Adult Mice. <i>Molecular Pain</i> , 2015, 11, s12990-015-0025.	1.0	11
85	Long-term upregulation of cortical glutamatergic AMPA receptors in a mouse model of chronic visceral pain. <i>Molecular Brain</i> , 2015, 8, 76.	1.3	39
86	Bidirectional modulation of hyperalgesia via the specific control of excitatory and inhibitory neuronal activity in the ACC. <i>Molecular Brain</i> , 2015, 8, 81.	1.3	118
87	Coexistence of Two Forms of LTP in ACC Provides a Synaptic Mechanism for the Interactions between Anxiety and Chronic Pain. <i>Neuron</i> , 2015, 85, 377-389.	3.8	261
88	Impaired Presynaptic Long-Term Potentiation in the Anterior Cingulate Cortex of <i>Fmr1</i> Knock-out Mice. <i>Journal of Neuroscience</i> , 2015, 35, 2033-2043.	1.7	51
89	Increased coupling of caveolin-1 and estrogen receptor $\beta$ contributes to the fragile X syndrome. <i>Annals of Neurology</i> , 2015, 77, 618-636.	2.8	16
90	Injury-related synaptic plasticity for the treatment of chronic pain: a new approach?. <i>Pain Management</i> , 2015, 5, 161-165.	0.7	1

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91	DREAM Controls the On/Off Switch of Specific Activity-Dependent Transcription Pathways. <i>Molecular and Cellular Biology</i> , 2014, 34, 877-887.	1.1	41
92	Long-Term Temporal Imprecision of Information Coding in the Anterior Cingulate Cortex of Mice with Peripheral Inflammation or Nerve Injury. <i>Journal of Neuroscience</i> , 2014, 34, 10675-10687.	1.7	33
93	GluA1 Phosphorylation Contributes to Postsynaptic Amplification of Neuropathic Pain in the Insular Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 13505-13515.	1.7	75
94	NMDA receptor-dependent long-term potentiation comprises a family of temporally overlapping forms of synaptic plasticity that are induced by different patterns of stimulation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130131.	1.8	116
95	Loss of Long-Term Depression in the Insular Cortex after Tail Amputation in Adult Mice. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-1.	1.0	40
96	Adenylyl Cyclase Subtype 1 is Essential for Late-Phase Long Term Potentiation and Spatial Propagation of Synaptic Responses in the Anterior Cingulate Cortex of Adult Mice. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-65.	1.0	39
97	Postsynaptic insertion of AMPA receptor onto cortical pyramidal neurons in the anterior cingulate cortex after peripheral nerve injury. <i>Molecular Brain</i> , 2014, 7, 76.	1.3	59
98	Effects of NB001 and gabapentin on irritable bowel syndrome-induced behavioral anxiety and spontaneous pain. <i>Molecular Brain</i> , 2014, 7, 47.	1.3	69
99	Pharmacological Rescue of Cortical Synaptic and Network Potentiation in a Mouse Model for Fragile X Syndrome. <i>Neuropsychopharmacology</i> , 2014, 39, 1955-1967.	2.8	46
100	Postsynaptic Potentiation of Corticospinal Projecting Neurons in the Anterior Cingulate Cortex after Nerve Injury. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-33.	1.0	84
101	No requirement of TRPV1 in long-term potentiation or long-term depression in the anterior cingulate cortex. <i>Molecular Brain</i> , 2014, 7, 27.	1.3	17
102	Long-term potentiation in the anterior cingulate cortex and chronic pain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130146.	1.8	143
103	Targeting Injury-Related Synaptic Plasticity for the Treatment of Chronic Pain. <i>Current Pharmaceutical Design</i> , 2014, 21, 914-919.	0.9	2
104	Delay-dependent impairment of spatial working memory with inhibition of NR2B-containing NMDA receptors in hippocampal CA1 region of rats. <i>Molecular Brain</i> , 2013, 6, 13.	1.3	51
105	Long-term depression of synaptic transmission in the adult mouse insular cortex <i>in vitro</i> . <i>European Journal of Neuroscience</i> , 2013, 38, 3128-3145.	1.2	28
106	Long-term potentiation of synaptic transmission in the adult mouse insular cortex: multielectrode array recordings. <i>Journal of Neurophysiology</i> , 2013, 110, 505-521.	0.9	54
107	N-Type Voltage Gated Calcium Channels Mediate Excitatory Synaptic Transmission in the Anterior Cingulate Cortex of Adult Mice. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-58.	1.0	15
108	An Increase in Synaptic NMDA Receptors in the Insular Cortex Contributes to Neuropathic Pain. <i>Science Signaling</i> , 2013, 6, ra34.	1.6	110

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109	Cortical $\alpha$ -GluK1 kainate receptors modulate scratching in adult mice. <i>Journal of Neurochemistry</i> , 2013, 126, 636-650.	2.1	17
110	Alteration of neuronal activity after digit amputation in rat anterior cingulate cortex. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2013, 5, 43-51.	0.8	5
111	Plasticity of Metabotropic Glutamate Receptor-Dependent Long-Term Depression in the Anterior Cingulate Cortex after Amputation. <i>Journal of Neuroscience</i> , 2012, 32, 11318-11329.	1.7	66
112	Predicting Aversive Events and Terminating Fear in the Mouse Anterior Cingulate Cortex during Trace Fear Conditioning. <i>Journal of Neuroscience</i> , 2012, 32, 1082-1095.	1.7	43
113	Kainate receptor-mediated synaptic transmissions in the adult rodent insular cortex. <i>Journal of Neurophysiology</i> , 2012, 108, 1988-1998.	0.9	24
114	The JAK/STAT Pathway Is Involved in Synaptic Plasticity. <i>Neuron</i> , 2012, 73, 374-390.	3.8	185
115	Roles of CREB in the regulation of FMRP by group I metabotropic glutamate receptors in cingulate cortex. <i>Molecular Brain</i> , 2012, 5, 27.	1.3	25
116	The growth of <i>Molecular Brain</i> : impact factor is coming in 2013. <i>Molecular Brain</i> , 2012, 5, 37.	1.3	0
117	Genetic Enhancement of Neuropathic and Inflammatory Pain by Forebrain Upregulation of CREB-Mediated Transcription. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-90.	1.0	26
118	Characterization of Neuronal Intrinsic Properties and Synaptic Transmission in Layer I of Anterior Cingulate Cortex from Adult Mice. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-53.	1.0	7
119	Cortical Depression and Potentiation: Basic Mechanisms for Phantom Pain. <i>Experimental Neurobiology</i> , 2012, 21, 129-135.	0.7	5
120	Group I Metabotropic Glutamate Receptor-Mediated Gene Transcription and Implications for Synaptic Plasticity and Diseases. <i>Frontiers in Pharmacology</i> , 2012, 3, 189.	1.6	55
121	Targeting neuronal adenylyl cyclase for the treatment of chronic pain. <i>Drug Discovery Today</i> , 2012, 17, 573-582.	3.2	49
122	Translational Investigation and Treatment of Neuropathic Pain. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-15.	1.0	54
123	Rapid synaptic potentiation within the anterior cingulate cortex mediates trace fear learning. <i>Molecular Brain</i> , 2012, 5, 6.	1.3	44
124	PI3K $\beta$ is required for NMDA receptor-dependent long-term depression and behavioral flexibility. <i>Nature Neuroscience</i> , 2011, 14, 1447-1454.	7.1	126
125	Post-translational modification of NMDA receptor GluN2B subunit and its roles in chronic pain and memory. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 521-529.	2.3	50
126	Erasing injury-related cortical synaptic potentiation as a new treatment for chronic pain. <i>Journal of Molecular Medicine</i> , 2011, 89, 847-855.	1.7	22



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127	Glutamate Acts as a Neurotransmitter for Gastrin Releasing Peptide-Sensitive and Insensitive Itch-Related Synaptic Transmission in Mammalian Spinal Cord. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-47.	1.0	71
128	Cortical Plasticity as a New Endpoint Measurement for Chronic Pain. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-54.	1.0	36
129	Genetic Enhancement of Behavioral Itch Responses in Mice Lacking Phosphoinositide 3-Kinase- $\hat{3}$ (PI3K $\hat{3}$ ). <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-96.	1.0	7
130	Neuronal and microglial mechanisms of neuropathic pain. <i>Molecular Brain</i> , 2011, 4, 31.	1.3	196
131	Neurabin in the anterior cingulate cortex regulates anxiety-like behavior in adult mice. <i>Molecular Brain</i> , 2011, 4, 6.	1.3	80
132	Effects of Elevation of Brain Magnesium on Fear Conditioning, Fear Extinction, and Synaptic Plasticity in the Infralimbic Prefrontal Cortex and Lateral Amygdala. <i>Journal of Neuroscience</i> , 2011, 31, 14871-14881.	1.7	81
133	Identification of an Adenylyl Cyclase Inhibitor for Treating Neuropathic and Inflammatory Pain. <i>Science Translational Medicine</i> , 2011, 3, 65ra3.	5.8	135
134	Interplay of Amygdala and Cingulate Plasticity in Emotional Fear. <i>Neural Plasticity</i> , 2011, 2011, 1-9.	1.0	55
135	Upregulation of CREB-Mediated Transcription Enhances Both Short- and Long-Term Memory. <i>Journal of Neuroscience</i> , 2011, 31, 8786-8802.	1.7	223
136	Investigation of Molecular Mechanism of Chronic Pain in the Anterior Cingulate Cortex Using Genetically Engineered Mice. <i>Current Genomics</i> , 2010, 11, 70-76.	0.7	10
137	Alleviating Neuropathic Pain Hypersensitivity by Inhibiting PKM $\hat{1}$ in the Anterior Cingulate Cortex. <i>Science</i> , 2010, 330, 1400-1404.	6.0	350
138	Mitochondrial connection in chronic pain. <i>Pain</i> , 2010, 150, 1-2.	2.0	2
139	Spinal Microglial Motility is Independent of Neuronal Activity and Plasticity in Adult Mice. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-19.	1.0	27
140	Facilitation of the Inhibitory Transmission by Gastrin-Releasing Peptide in the Anterior Cingulate Cortex. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-52.	1.0	16
141	In vivo Whole-Cell Patch-Clamp Recording of Sensory Synaptic Responses of Cingulate Pyramidal Neurons to Noxious Mechanical Stimuli in Adult Mice. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-62.	1.0	48
142	CaMKIV over-expression boosts cortical 4-7 Hz oscillations during learning and 1-4 Hz delta oscillations during sleep. <i>Molecular Brain</i> , 2010, 3, 16.	1.3	20
143	DREAM (Downstream Regulatory Element Antagonist Modulator) contributes to synaptic depression and contextual fear memory. <i>Molecular Brain</i> , 2010, 3, 3.	1.3	67
144	Roles of Fragile X Mental Retardation Protein in Dopaminergic Stimulation-induced Synapse-associated Protein Synthesis and Subsequent $\hat{1}$ -Amino-3-hydroxyl-5-methyl-4-isoxazole-4-propionate (AMPA) Receptor Internalization. <i>Journal of Biological Chemistry</i> , 2010, 285, 21888-21901.	1.6	49

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145	Roles of KChIP1 in the regulation of GABA-mediated transmission and behavioral anxiety. <i>Molecular Brain</i> , 2010, 3, 23.	1.3	17
146	Calcium/calmodulin-dependent kinase IV contributes to translation-dependent early synaptic potentiation in the anterior cingulate cortex of adult mice. <i>Molecular Brain</i> , 2010, 3, 27.	1.3	20
147	Enhancement of Learning and Memory by Elevating Brain Magnesium. <i>Neuron</i> , 2010, 65, 165-177.	3.8	281
148	Ca <sup>2+</sup> /Calmodulin-dependent Protein Kinase IV Links Group I Metabotropic Glutamate Receptors to Fragile X Mental Retardation Protein in Cingulate Cortex. <i>Journal of Biological Chemistry</i> , 2009, 284, 18953-18962.	1.6	20
149	Induction of Neuronal Vascular Endothelial Growth Factor Expression by cAMP in the Dentate Gyrus of the Hippocampus Is Required for Antidepressant-Like Behaviors. <i>Journal of Neuroscience</i> , 2009, 29, 8493-8505.	1.7	62
150	Fragile X Mental Retardation Protein in Learning-Related Synaptic Plasticity. <i>Molecules and Cells</i> , 2009, 28, 501-508.	1.0	36
151	Targeting the NMDA Receptor Subunit NR2B for the Treatment of Neuropathic Pain. <i>Neurotherapeutics</i> , 2009, 6, 693-702.	2.1	147
152	Presynaptic and Postsynaptic Cortical Mechanisms of Chronic Pain. <i>Molecular Neurobiology</i> , 2009, 40, 253-259.	1.9	34
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313	Role of guanylyl cyclase and cGMP-dependent protein kinase in long-term potentiation. <i>Nature</i> , 1994, 368, 635-639.	13.7	500
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323	Evidence for the existence of a cholinergic descending system involved in systemic morphine analgesia. <i>Pain</i> , 1987, 30, S42.	2.0	1