Min Zhuo

List of Publications by Year
in descending order

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323	24,242	5574	9589
papers	citations	82 h-index	142 g-index

349	349	349	17330
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Whole-brain mapping of efferent projections of the anterior cingulate cortex in adult male mice. Molecular Pain, 2022, 18, 174480692210945.	2.1	7
2	Human safety study of a selective neuronal adenylate cyclase 1 inhibitor NB001 which relieves the neuropathic pain and blocks ACC in adult mice. Molecular Pain, 2022, 18, 174480692210895.	2.1	5
3	Mapping thalamic-anterior cingulate monosynaptic inputs in adult mice. Molecular Pain, 2022, 18, 174480692210870.	2.1	9
4	Glutamatergic synapses from the insular cortex to the basolateral amygdala encode observational pain. Neuron, 2022, 110, 1993-2008.e6.	8.1	46
5	Selective Recruitment of Presynaptic and Postsynaptic Forms of mGluR-LTD. Frontiers in Synaptic Neuroscience, 2022, 14, .	2.5	6
6	Enhancement of behavioral nociceptive responses but not itching responses by viewing mirror images in adult mice. Molecular Pain, 2022, 18, 174480692211111.	2.1	0
7	Inhibition of calcium-stimulated adenylyl cyclase subtype 1 (AC1) for the treatment of neuropathic and inflammatory pain in adult female mice. Molecular Pain, 2021, 17, 174480692110216.	2.1	11
8	Cellular and synaptic mechanisms for Parkinsonâ€™s disease-related chronic pain. Molecular Pain, 2021, 17, 174480692199902.	2.1	7
9	Further evidence that CP-AMPARs are critically involved in synaptic tag and capture at hippocampal CA1 synapses. Molecular Brain, 2021, 14, 26.	2.6	8
10	NMDA GluN2C/2D receptors contribute to synaptic regulation and plasticity in the anterior cingulate cortex of adult mice. Molecular Brain, 2021, 14, 60.	2.6	4
11	Multiple synaptic connections into a single cortical pyramidal cell or interneuron in the anterior cingulate cortex of adult mice. Molecular Brain, 2021, 14, 88.	2.6	5
12	Oxytocin in the anterior cingulate cortex attenuates neuropathic pain and emotional anxiety by inhibiting presynaptic long-term potentiation. Cell Reports, 2021, 36, 109411.	6.4	70
13	Brain-derived neurotrophic factor produced long-term synaptic enhancement in the anterior cingulate cortex of adult mice. Molecular Brain, 2021, 14, 140.	2.6	15
14	NMDA receptors and synaptic plasticity in the anterior cingulate cortex. Neuropharmacology, 2021, 197, 108749.	4.1	45
15	PKA drives an increase in AMPA receptor unitary conductance during LTP in the hippocampus. Nature Communications, 2021, 12, 413.	12.8	27
16	NMDA Receptor-Dependent Synaptic Depression in Potentiated Synapses of the Anterior Cingulate Cortex of adult Mice. Molecular Pain, 2021, 17, 174480692110180.	2.1	10
17	Synaptic potentiation of anterior cingulate cortex contributes to chronic pain of Parkinsonâ€™s disease. Molecular Brain, 2021, 14, 161.	2.6	6
18	Selective inhibition of adenylyl cyclase subtype 1 reduces inflammatory pain in chicken of gouty arthritis. Molecular Pain, 2021, 17, 174480692110478.	2.1	6

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19	Cortical mechanisms in migraine. Molecular Pain, 2021, 17, 174480692110502.	2.1	8
20	The GSK-3 Inhibitor CT99021 Enhances the Acquisition of Spatial Learning and the Accuracy of Spatial Memory. Frontiers in Molecular Neuroscience, 2021, 14, 804130.	2.9	4
21	Cortical plasticity as synaptic mechanism for chronic pain. Journal of Neural Transmission, 2020, 127, 567-573.	2.8	25
22	Cyclic AMPâ€dependent positive feedback signaling pathways in the cortex contributes to visceral pain. Journal of Neurochemistry, 2020, 153, 252-263.	3.9	20
23	Restoration of Cingulate Long-Term Depression by Enhancing Non-apoptotic Caspase 3 Alleviates Peripheral Pain Hypersensitivity. Cell Reports, 2020, 33, 108369.	6.4	21
24	Neuronal Adenylyl Cyclase Targeting Central Plasticity for the Treatment of Chronic Pain. Neurotherapeutics, 2020, 17, 861-874.	4.4	20
25	FMRP acts as a key messenger for visceral pain modulation. Molecular Pain, 2020, 16, 174480692097224.	2.1	6
26	Sex difference in synaptic plasticity in the anterior cingulate cortex of adult mice. Molecular Brain, 2020, 13, 41.	2.6	11
27	Cortical potentiation induced by calcitonin gene-related peptide (CGRP) in the insular cortex of adult mice. Molecular Brain, 2020, 13, 36.	2.6	16
28	Upregulation of Beta4 subunit of BKCa channels in the anterior cingulate cortex contributes to mechanical allodynia associated anxiety-like behaviors. Molecular Brain, 2020, 13, 22.	2.6	6
29	The anterior insular cortex unilaterally controls feeding in response to aversive visceral stimuli in mice. Nature Communications, 2020, 11, 640.	12.8	42
30	Presynaptic long-term potentiation requires extracellular signal-regulated kinases in the anterior cingulate cortex. Molecular Pain, 2020, 16, 174480692091724.	2.1	1
31	Ascending noradrenergic excitation from the locus coeruleus to the anterior cingulate cortex. Molecular Brain, 2020, 13, 49.	2.6	44
32	Shared Brain Synaptic Mechanisms of Pain and Anxiety. , 2020, , 50-62.		0
33	NMDA Receptor Dependent Long-term Potentiation in Chronic Pain. Neurochemical Research, 2019, 44, 531-538.	3.3	50
34	Peripheral nerve injury induces rapid turnover of cortical NCAM1 and synaptic reorganization. IBRO Reports, 2019, 6, S403.	0.3	0
35	Reduced behavioral withdrawal responses during fear retrieval in adult mice and rats. Molecular Pain, 2019, 15, 174480691987615.	2.1	2
36	Contagious itch can be induced in humans but not in rodents. Molecular Brain, 2019, 12, 38.	2.6	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. Molecular Pain, 2019, 15, 174480691984296.	2.1	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. Molecular Pain, 2019, 15, 174480691984295.	2.1	4
39	On the Role of Calcium-Permeable AMPARs in Long-Term Potentiation and Synaptic Tagging in the Rodent Hippocampus. Frontiers in Synaptic Neuroscience, 2019, 11, 4.	2.5	19
40	Differential sensitivity of three forms of hippocampal synaptic potentiation to depotentiation. Molecular Brain, 2019, 12, 30.	2.6	6
41	Calcitonin gene-related peptide potentiated the excitatory transmission and network propagation in the anterior cingulate cortex of adult mice. Molecular Pain, 2019, 15, 174480691983271.	2.1	24
42	Long-term cortical synaptic changes contribute to chronic pain and emotional disorders. Neuroscience Letters, 2019, 702, 66-70.	2.1	24
43	Hyperactivity of Anterior Cingulate Cortex Areas 24a/24b Drives Chronic Pain-Induced Anxiodepressive-like Consequences. Journal of Neuroscience, 2018, 38, 3102-3115.	3.6	158
44	Rapid Turnover of Cortical NCAM1 Regulates Synaptic Reorganization after Peripheral Nerve Injury. Cell Reports, 2018, 22, 748-759.	6.4	35
45	Potentiation of cortical excitatory transmission in chronic pain. Pain, 2018, 159, 212-213.	4.2	2
46	No requirement of interlukine-1 for long-term potentiation in the anterior cingulate cortex of adult mice. Molecular Pain, 2018, 14, 174480691876579.	2.1	3
47	Dual roles of anterior cingulate cortex neurons in pain and pleasure in adult mice. Molecular Brain, 2018, 11, 72.	2.6	8
48	The Probability of Neurotransmitter Release Governs AMPA Receptor Trafficking via Activity-Dependent Regulation of mGluR1 Surface Expression. Cell Reports, 2018, 25, 3631-3646.e3.	6.4	13
49	The Role of Calcium-Permeable AMPARs in Long-Term Potentiation at Principal Neurons in the Rodent Hippocampus. Frontiers in Synaptic Neuroscience, 2018, 10, 42.	2.5	68
50	Reduced synaptic function of Kainate receptors in the insular cortex of Fmr1 Knock-out mice. Molecular Brain, 2018, 11, 54.	2.6	5
51	Cortical LTP: A Synaptic Model for Chronic Pain. Advances in Experimental Medicine and Biology, 2018, 1099, 147-155.	1.6	8
52	Top-down descending facilitation of spinal sensory excitatory transmission from the anterior cingulate cortex. Nature Communications, 2018, 9, 1886.	12.8	151
53	Transcription-independent expression of PKMÎ¶ in the anterior cingulate cortex contributes to chronically maintained neuropathic pain. Molecular Pain, 2018, 14, 174480691878394.	2.1	8
54	Loss of Synaptic Tagging in the Anterior Cingulate Cortex after Tail Amputation in Adult Mice. Journal of Neuroscience, 2018, 38, 8060-8070.	3.6	6

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55	Heterosynaptic long-term potentiation from the anterior cingulate cortex to spinal cord in adult rats. Molecular Pain, 2018, 14, 174480691879840.	2.1	4
56	Postsynaptic RIM1 modulates synaptic function by facilitating membrane delivery of recycling NMDARs in hippocampal neurons. Nature Communications, 2018, 9, 2267.	12.8	40
57	Neuronal and microglial mechanisms for neuropathic pain in the spinal dorsal horn and anterior cingulate cortex. Journal of Neurochemistry, 2017, 141, 486-498.	3.9	112
58	Descending facilitation. Molecular Pain, 2017, 13, 174480691769921.	2.1	60
59	New mechanisms for pain: From neurons to glia; from spinal cord to cortex. Journal of Neurochemistry, 2017, 141, 484-485.	3.9	0
60	SCRAPPER Selectively Contributes to Spontaneous Release and Presynaptic Long-Term Potentiation in the Anterior Cingulate Cortex. Journal of Neuroscience, 2017, 37, 3887-3895.	3.6	20
61	Characterization of postsynaptic calcium signals in the pyramidal neurons of anterior cingulate cortex. Molecular Pain, 2017, 13, 174480691771984.	2.1	10
62	Selective Phosphorylation of AMPA Receptor Contributes to the Network of Long-Term Potentiation in the Anterior Cingulate Cortex. Journal of Neuroscience, 2017, 37, 8534-8548.	3.6	45
63	Calcium-stimulated adenylyl cyclase subtype 1 (AC1) contributes to LTP in the insular cortex of adult mice. Heliyon, 2017, 3, e00338.	3.2	19
64	Cortical kainate receptors and behavioral anxiety. Molecular Brain, 2017, 10, 16.	2.6	27
65	Characterization of serotonin-induced inhibition of excitatory synaptic transmission in the anterior cingulate cortex. Molecular Brain, 2017, 10, 21.	2.6	29
66	Ionotropic glutamate receptors contribute to pain transmission and chronic pain. Neuropharmacology, 2017, 112, 228-234.	4.1	84
67	Elevated progranulin contributes to synaptic and learning deficit due to loss of fragile X mental retardation protein. Brain, 2017, 140, 3215-3232.	7.6	21
68	Inhibition of anterior cingulate cortex excitatory neuronal activity induces conditioned place preference in a mouse model of chronic inflammatory pain. Korean Journal of Physiology and Pharmacology, 2017, 21, 487.	1.2	14
69	Characterization of excitatory synaptic transmission in the anterior cingulate cortex of adult tree shrew. Molecular Brain, 2017, 10, 58.	2.6	11
70	Metabotropic Glutamate Receptor Dependent Cortical Plasticity in Chronic Pain. Current Neuropharmacology, 2016, 14, 427-434.	2.9	18
71	Dopaminergic Modulation of Excitatory Transmission in the Anterior Cingulate Cortex of Adult Mice. Molecular Pain, 2016, 12, 174480691664815.	2.1	15
72	Analgesic effects of adenylyl cyclase inhibitor NB001 on bone cancer pain in a mouse model. Molecular Pain, 2016, 12, 174480691665240.	2.1	19

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73	Contribution of synaptic plasticity in the insular cortex to chronic pain. Neuroscience, 2016, 338, 220-229.	2.3	85
74	Calcium activated adenylyl cyclase AC8 but not AC1 is required for prolonged behavioral anxiety. Molecular Brain, 2016, 9, 60.	2.6	14
75	Surface expression of hippocampal NMDA GluN2B receptors regulated by fear conditioning determines its contribution to memory consolidation in adult rats. Scientific Reports, 2016, 6, 30743.	3.3	11
76	Characterization of the anterior cingulate cortex in adult tree shrew. Molecular Pain, 2016, 12, 174480691668451.	2.1	8
77	Specific cytoarchitectureal changes in hippocampal subareas in daDREAM mice. Molecular Brain, 2016, 9, 22.	2.6	22
78	Synaptic plasticity in the anterior cingulate cortex in acute and chronic pain. Nature Reviews Neuroscience, 2016, 17, 485-496.	10.2	509
79	Reduced acute nociception and chronic pain inShank2^{â^'/â^'}mice. Molecular Pain, 2016, 12, 174480691664705.	2.1	29
80	Pre-LTP requires extracellular signal-regulated kinase in the ACC. Molecular Pain, 2016, 12, 174480691664737.	2.1	11
81	Neural Mechanisms Underlying Anxietyâ€“Chronic Pain Interactions. Trends in Neurosciences, 2016, 39, 136-145.	8.6	220
82	Calcium-Permeable AMPA Receptors Mediate the Induction of the Protein Kinase A-Dependent Component of Long-Term Potentiation in the Hippocampus. Journal of Neuroscience, 2016, 36, 622-631.	3.6	80
83	Pain Perception in Acute Model Mice of Parkinson's Disease Induced by 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine (MPTP). Molecular Pain, 2015, 11, s12990-015-0026.	2.1	51
84	Minocycline does Not Affect Long-Term Potentiation in the Anterior Cingulate Cortex of Normal Adult Mice. Molecular Pain, 2015, 11, s12990-015-0025.	2.1	11
85	Long-term upregulation of cortical glutamatergic AMPA receptors in a mouse model of chronic visceral pain. Molecular Brain, 2015, 8, 76.	2.6	39
86	Bidirectional modulation of hyperalgesia via the specific control of excitatory and inhibitory neuronal activity in the ACC. Molecular Brain, 2015, 8, 81.	2.6	118
87	Coexistence of Two Forms of LTP in ACC Provides a Synaptic Mechanism for the Interactions between Anxiety and Chronic Pain. Neuron, 2015, 85, 377-389.	8.1	261
88	Impaired Presynaptic Long-Term Potentiation in the Anterior Cingulate Cortex ofFmr1Knock-out Mice. Journal of Neuroscience, 2015, 35, 2033-2043.	3.6	51
89	Increased coupling of caveolinâ€1 and estrogen receptor Î± contributes to the fragile <scp>X</scp> syndrome. Annals of Neurology, 2015, 77, 618-636.	5.3	16
90	Injury-related synaptic plasticity for the treatment of chronic pain: a new approach?. Pain Management, 2015, 5, 161-165.	1.5	1

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91	DREAM Controls the On/Off Switch of Specific Activity-Dependent Transcription Pathways. Molecular and Cellular Biology, 2014, 34, 877-887.	2.3	41
92	Long-Term Temporal Imprecision of Information Coding in the Anterior Cingulate Cortex of Mice with Peripheral Inflammation or Nerve Injury. Journal of Neuroscience, 2014, 34, 10675-10687.	3.6	33
93	GluA1 Phosphorylation Contributes to Postsynaptic Amplification of Neuropathic Pain in the Insular Cortex. Journal of Neuroscience, 2014, 34, 13505-13515.	3.6	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. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130131.	4.0	116
95	Loss of Long-Term Depression in the Insular Cortex after Tail Amputation in Adult Mice. Molecular Pain, 2014, 10, 1744-8069-10-1.	2.1	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. Molecular Pain, 2014, 10, 1744-8069-10-65.	2.1	39
97	Postsynaptic insertion of AMPA receptor onto cortical pyramidal neurons in the anterior cingulate cortex after peripheral nerve injury. Molecular Brain, 2014, 7, 76.	2.6	59
98	Effects of NB001 and gabapentin on irritable bowel syndrome-induced behavioral anxiety and spontaneous pain. Molecular Brain, 2014, 7, 47.	2.6	69
99	Pharmacological Rescue of Cortical Synaptic and Network Potentiation in a Mouse Model for Fragile X Syndrome. Neuropsychopharmacology, 2014, 39, 1955-1967.	5.4	46
100	Postsynaptic Potentiation of Corticospinal Projecting Neurons in the Anterior Cingulate Cortex after Nerve Injury. Molecular Pain, 2014, 10, 1744-8069-10-33.	2.1	84
101	No requirement of TRPV1 in long-term potentiation or long-term depression in the anterior cingulate cortex. Molecular Brain, 2014, 7, 27.	2.6	17
102	Long-term potentiation in the anterior cingulate cortex and chronic pain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130146.	4.0	143
103	Targeting Injury-Related Synaptic Plasticity for the Treatment of Chronic Pain. Current Pharmaceutical Design, 2014, 21, 914-919.	1.9	2
104	Delay-dependent impairment of spatial working memory with inhibition of NR2B-containing NMDA receptors in hippocampal CA1 region of rats. Molecular Brain, 2013, 6, 13.	2.6	51
105	Longâ€term depression of synaptic transmission in the adult mouse insular cortex in vitro. European Journal of Neuroscience, 2013, 38, 3128-3145.	2.6	28
106	Long-term potentiation of synaptic transmission in the adult mouse insular cortex: multielectrode array recordings. Journal of Neurophysiology, 2013, 110, 505-521.	1.8	54
107	N-Type Voltage Gated Calcium Channels Mediate Excitatory Synaptic Transmission in the Anterior Cingulate Cortex of Adult Mice. Molecular Pain, 2013, 9, 1744-8069-9-58.	2.1	15
108	An Increase in Synaptic NMDA Receptors in the Insular Cortex Contributes to Neuropathic Pain. Science Signaling, 2013, 6, ra34.	3.6	110

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109	Cortical <scp>G</scp>luK1 kainate receptors modulate scratching in adult mice. Journal of Neurochemistry, 2013, 126, 636-650.	3.9	17
110	Alteration of neuronal activity after digit amputation in rat anterior cingulate cortex. International Journal of Physiology, Pathophysiology and Pharmacology, 2013, 5, 43-51.	0.8	5
111	Plasticity of Metabotropic Glutamate Receptor-Dependent Long-Term Depression in the Anterior Cingulate Cortex after Amputation. Journal of Neuroscience, 2012, 32, 11318-11329.	3.6	66
112	Predicting Aversive Events and Terminating Fear in the Mouse Anterior Cingulate Cortex during Trace Fear Conditioning. Journal of Neuroscience, 2012, 32, 1082-1095.	3.6	43
113	Kainate receptor-mediated synaptic transmissions in the adult rodent insular cortex. Journal of Neurophysiology, 2012, 108, 1988-1998.	1.8	24
114	The JAK/STAT Pathway Is Involved in Synaptic Plasticity. Neuron, 2012, 73, 374-390.	8.1	185
115	Roles of CREB in the regulation of FMRP by group I metabotropic glutamate receptors in cingulate cortex. Molecular Brain, 2012, 5, 27.	2.6	25
116	The growth of Molecular Brain: impact factor is coming in 2013. Molecular Brain, 2012, 5, 37.	2.6	0
117	Genetic Enhancement of Neuropathic and Inflammatory Pain by Forebrain Upregulation of CREB-Mediated Transcription. Molecular Pain, 2012, 8, 1744-8069-8-90.	2.1	26
118	Characterization of Neuronal Intrinsic Properties and Synaptic Transmission in Layer I of Anterior Cingulate Cortex from Adult Mice. Molecular Pain, 2012, 8, 1744-8069-8-53.	2.1	7
119	Cortical Depression and Potentiation: Basic Mechanisms for Phantom Pain. Experimental Neurobiology, 2012, 21, 129-135.	1.6	5
120	Group I Metabotropic Glutamate Receptor-Mediated Gene Transcription and Implications for Synaptic Plasticity and Diseases. Frontiers in Pharmacology, 2012, 3, 189.	3.5	55
121	Targeting neuronal adenylyl cyclase for the treatment of chronic pain. Drug Discovery Today, 2012, 17, 573-582.	6.4	49
122	Translational Investigation and Treatment of Neuropathic Pain. Molecular Pain, 2012, 8, 1744-8069-8-15.	2.1	54
123	Rapid synaptic potentiation within the anterior cingulate cortex mediates trace fear learning. Molecular Brain, 2012, 5, 6.	2.6	44
124	PI3KÎ³ is required for NMDA receptorâ€“dependent long-term depression and behavioral flexibility. Nature Neuroscience, 2011, 14, 1447-1454.	14.8	126
125	Post-translational modification of NMDA receptor GluN2B subunit and its roles in chronic pain and memory. Seminars in Cell and Developmental Biology, 2011, 22, 521-529.	5.0	50
126	Erasing injury-related cortical synaptic potentiation as a new treatment for chronic pain. Journal of Molecular Medicine, 2011, 89, 847-855.	3.9	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. Molecular Pain, 2011, 7, 1744-8069-7-47.	2.1	71
128	Cortical Plasticity as a New Endpoint Measurement for Chronic Pain. Molecular Pain, 2011, 7, 1744-8069-7-54.	2.1	36
129	Genetic Enhancement of Behavioral Itch Responses in Mice Lacking Phosphoinositide 3-Kinase-Î³ (PI3KÎ³). Molecular Pain, 2011, 7, 1744-8069-7-96.	2.1	7
130	Neuronal and microglial mechanisms of neuropathic pain. Molecular Brain, 2011, 4, 31.	2.6	196
131	Neurabin in the anterior cingulate cortex regulates anxiety-like behavior in adult mice. Molecular Brain, 2011, 4, 6.	2.6	80
132	Effects of Elevation of Brain Magnesium on Fear Conditioning, Fear Extinction, and Synaptic Plasticity in the Infralimbic Prefrontal Cortex and Lateral Amygdala. Journal of Neuroscience, 2011, 31, 14871-14881.	3.6	81
133	Identification of an Adenylyl Cyclase Inhibitor for Treating Neuropathic and Inflammatory Pain. Science Translational Medicine, 2011, 3, 65ra3.	12.4	135
134	Interplay of Amygdala and Cingulate Plasticity in Emotional Fear. Neural Plasticity, 2011, 2011, 1-9.	2.2	55
135	Upregulation of CREB-Mediated Transcription Enhances Both Short- and Long-Term Memory. Journal of Neuroscience, 2011, 31, 8786-8802.	3.6	223
136	Investigation of Molecular Mechanism of Chronic Pain in the Anterior Cingulate Cortex Using Genetically Engineered Mice. Current Genomics, 2010, 11, 70-76.	1.6	10
137	Alleviating Neuropathic Pain Hypersensitivity by Inhibiting PKMÎ¶ in the Anterior Cingulate Cortex. Science, 2010, 330, 1400-1404.	12.6	350
138	Mitochondrial connection in chronic pain. Pain, 2010, 150, 1-2.	4.2	2
139	Spinal Microglial Motility is Independent of Neuronal Activity and Plasticity in Adult Mice. Molecular Pain, 2010, 6, 1744-8069-6-19.	2.1	27
140	Facilitation of the Inhibitory Transmission by Gastrin-Releasing Peptide in the Anterior Cingulate Cortex. Molecular Pain, 2010, 6, 1744-8069-6-52.	2.1	16
141	In vivo Whole-Cell Patch-Clamp Recording of Sensory Synaptic Responses of Cingulate Pyramidal Neurons to Noxious Mechanical Stimuli in Adult Mice. Molecular Pain, 2010, 6, 1744-8069-6-62.	2.1	48
142	CaMKIV over-expression boosts cortical 4-7 Hz oscillations during learning and 1-4 Hz delta oscillations during sleep. Molecular Brain, 2010, 3, 16.	2.6	20
143	DREAM (Downstream Regulatory Element Antagonist Modulator) contributes to synaptic depression and contextual fear memory. Molecular Brain, 2010, 3, 3.	2.6	67
144	Roles of Fragile X Mental Retardation Protein in Dopaminergic Stimulation-induced Synapse-associated Protein Synthesis and Subsequent Î±-Amino-3-hydroxyl-5-methyl-4-isoxazole-4-propionate (AMPA) Receptor Internalization. Journal of Biological Chemistry, 2010, 285, 21888-21901.	3.4	49

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145	Roles of KChIP1 in the regulation of GABA-mediated transmission and behavioral anxiety. Molecular Brain, 2010, 3, 23.	2.6	17
146	Calcium/calmodulin-dependent kinase IV contributes to translation-dependent early synaptic potentiation in the anterior cingulate cortex of adult mice. Molecular Brain, 2010, 3, 27.	2.6	20
147	Enhancement of Learning and Memory by Elevating Brain Magnesium. Neuron, 2010, 65, 165-177.	8.1	281
148	Ca2+/Calmodulin-dependent Protein Kinase IV Links Group I Metabotropic Glutamate Receptors to Fragile X Mental Retardation Protein in Cingulate Cortex. Journal of Biological Chemistry, 2009, 284, 18953-18962.	3.4	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. Journal of Neuroscience, 2009, 29, 8493-8505.	3.6	62
150	Fragile X Mental Retardation Protein in Learning-Related Synaptic Plasticity. Molecules and Cells, 2009, 28, 501-508.	2.6	36
151	Targeting the NMDA Receptor Subunit NR2B for the Treatment of Neuropathic Pain. Neurotherapeutics, 2009, 6, 693-702.	4.4	147
152	Presynaptic and Postsynaptic Cortical Mechanisms of Chronic Pain. Molecular Neurobiology, 2009, 40, 253-259.	4.0	34
153	Sleep deprivation impairs cAMP signalling in the hippocampus. Nature, 2009, 461, 1122-1125.	27.8	339
154	The anterior cingulate ERK pathway contributes to regulation of behavioral excitement and hedonic activity. Bipolar Disorders, 2009, 11, 339-350.	1.9	15
155	Fragile X mental retardation protein is required for chemicallyâ€induced longâ€term potentiation of the hippocampus in adult mice. Journal of Neurochemistry, 2009, 111, 635-646.	3.9	71
156	Neck electromyography is an effective measure of fear behavior. Journal of Neuroscience Methods, 2009, 177, 355-360.	2.5	25
157	Enhanced synaptic long-term potentiation in the anterior cingulate cortex of adult wild mice as compared with that in laboratory mice. Molecular Brain, 2009, 2, 11.	2.6	12
158	Hook-up of GluA2, GRIP and liprin-Î± for cholinergic muscarinic receptor-dependent LTD in the hippocampus. Molecular Brain, 2009, 2, 17.	2.6	6
159	Characterization of intracortical synaptic connections in the mouse anterior cingulate cortex using dual patch clamp recording. Molecular Brain, 2009, 2, 32.	2.6	32
160	Plasticity of NMDA receptor NR2B subunit in memory and chronic pain. Molecular Brain, 2009, 2, 4.	2.6	146
161	Sexual attraction enhances glutamate transmission in mammalian anterior cingulate cortex. Molecular Brain, 2009, 2, 9.	2.6	17
162	Characterization of Intrinsic Properties of Cingulate Pyramidal Neurons in Adult Mice after Nerve Injury. Molecular Pain, 2009, 5, 1744-8069-5-73.	2.1	38

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163	Roles of the AMPA Receptor Subunit GluA1 but Not GluA2 in Synaptic Potentiation and Activation of ERK in the Anterior Cingulate Cortex. Molecular Pain, 2009, 5, 1744-8069-5-46.	2.1	61
164	Enhanced Quantal Release of Excitatory Transmitter in Anterior Cingulate Cortex of Adult Mice with Chronic Pain. Molecular Pain, 2009, 5, 1744-8069-5-4.	2.1	67
165	Post-Training Dephosphorylation of eEF-2 Promotes Protein Synthesis for Memory Consolidation. PLoS ONE, 2009, 4, e7424.	2.5	41
166	Molecular Targets of Anxiety: From Membrane to Nucleus. Neurochemical Research, 2008, 33, 1925-1932.	3.3	52
167	GluR3 subunit regulates sleep, breathing and seizure generation. European Journal of Neuroscience, 2008, 27, 1166-1173.	2.6	34
168	Genetic enhancement of trace fear memory and cingulate potentiation in mice overexpressing Ca2+/calmodulin-dependent protein kinase IV. European Journal of Neuroscience, 2008, 27, 1923-1932.	2.6	34
169	Welcome to Molecular Brain. Molecular Brain, 2008, 1, 1.	2.6	10
170	Cingulate NMDA NR2B receptors contribute to morphine-induced analgesic tolerance. Molecular Brain, 2008, 1, 2.	2.6	37
171	Induction- and conditioning-protocol dependent involvement of NR2B-containing NMDA receptors in synaptic potentiation and contextual fear memory in the hippocampal CA1 region of rats. Molecular Brain, 2008, 1, 9.	2.6	43
172	Z factor: A New Index for Measuring Academic Research Output. Molecular Pain, 2008, 4, 1744-8069-4-53.	2.1	1
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