De-Maw Chuang

List of Publications by Year
in descending order

142 papers	12,037 citations	20817 60 h-index	27406 106 g-index
142 all docs	142 docs citations	142 times ranked	12154 citing authors

#	Article	IF	Citations
1	Transplantation of Mesenchymal Stem Cells Overexpressing Fibroblast Growth Factor 21 Facilitates Cognitive Recovery and Enhances Neurogenesis in a Mouse Model of Traumatic Brain Injury. Journal of Neurotrauma, 2020, 37, 14-26.	3.4	42
2	Overexpression of fibroblast growth factorâ€21 (FGFâ€21) protects mesenchymal stem cells against caspaseâ€dependent apoptosis induced by oxidative stress and inflammation. Cell Biology International, 2020, 44, 2163-2169.	3.0	12
3	GSK3Î² negatively regulates TRAX, a scaffold protein implicated in mental disorders, for NHEJ-mediated DNA repair in neurons. Molecular Psychiatry, 2018, 23, 2375-2390.	7.9	28
4	Genetic disruption of ankyrin-G in adult mouse forebrain causes cortical synapse alteration and behavior reminiscent of bipolar disorder. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10479-10484.	7.1	52
5	Glutamate-Modulating Drugs as a Potential Therapeutic Strategy in Obsessive-Compulsive Disorder. Current Neuropharmacology, 2017, 15, 977-995.	2.9	59
6	Safety and efficacy of valproic acid treatment in SCA3/MJD patients. Parkinsonism and Related Disorders, 2016, 26, 55-61.	2.2	56
7	Preconditioning mesenchymal stem cells with the mood stabilizers lithium and valproic acid enhances therapeutic efficacy in a mouse model of Huntington's disease. Experimental Neurology, 2016, 281, 81-92.	4.1	57
8	Tubastatin A, an HDAC6 inhibitor, alleviates stroke-induced brain infarction and functional deficits: potential roles of Î±-tubulin acetylation and FGF-21 up-regulation. Scientific Reports, 2016, 6, 19626.	3.3	84
9	Valproic Acid and Other HDAC Inhibitors Upregulate FGF21 Gene Expression and Promote Process Elongation in Glia by Inhibiting HDAC2 and 3. International Journal of Neuropsychopharmacology, 2016, 19, pyw035.	2.1	33
10	Antidepressant mechanism of ketamine: perspective from preclinical studies. Frontiers in Neuroscience, 2015, 9, 249.	2.8	51
11	The Mood Stabilizer Lithium Potentiates the Antidepressant-Like Effects and Ameliorates Oxidative Stress Induced by Acute Ketamine in a Mouse Model of Stress. International Journal of Neuropsychopharmacology, 2015, 18, .	2.1	47
12	Preclinical and Clinical Investigations of Mood Stabilizers for Huntington's Disease: What Have We Learned?. International Journal of Biological Sciences, 2014, 10, 1024-1038.	6.4	41
13	A New Avenue for Lithium: Intervention in Traumatic Brain Injury. ACS Chemical Neuroscience, 2014, 5, 422-433.	3.5	88
14	Preventing the Sequelae of Concussions and Traumatic Brain Injury. Journal of Neurology & Stroke, 2014, 2, .	0.1	0
15	HDAC inhibitors mitigate ischemia-induced oligodendrocyte damage: potential roles of oligodendrogenesis, VEGF, and anti-inflammation. American Journal of Translational Research (discontinued), 2014, 6, 206-23.	0.0	49
16	Post-insult valproate treatment potentially improved functional recovery in patients with acute middle cerebral artery infarction. American Journal of Translational Research (discontinued), 2014, 6, 820-30.	0.0	3
17	Therapeutic Potential of Mood Stabilizers Lithium and Valproic Acid: Beyond Bipolar Disorder. Pharmacological Reviews, 2013, 65, 105-142.	16.0	338
18	Neuroprotective effects of the mood stabilizer lamotrigine against glutamate excitotoxicity: roles of chromatin remodelling and Bcl-2 induction. International Journal of Neuropsychopharmacology, 2013, 16, 607-620.	2.1	35

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19	Valproic acid attenuates microgliosis in injured spinal cord and purinergic P2X₄ receptor expression in activated microglia. Journal of Neuroscience Research, 2013, 91, 694-705.	2.9	40
20	Posttrauma cotreatment with lithium and valproate: reduction of lesion volume, attenuation of blood-brain barrier disruption, and improvement in motor coordination in mice with traumatic brain injury. Journal of Neurosurgery, 2013, 119, 766-773.	1.6	79
21	Potential Roles of HDAC Inhibitors in Mitigating Ischemia-induced Brain Damage and Facilitating Endogenous Regeneration and Recovery. Current Pharmaceutical Design, 2013, 19, 5105-5120.	1.9	76
22	Mood stabilizer-regulated miRNAs in neuropsychiatric and neurodegenerative diseases: identifying associations and functions. American Journal of Translational Research (discontinued), 2013, 5, 450-64.	0.0	29
23	Chronic Valproate Treatment Enhances Postischemic Angiogenesis and Promotes Functional Recovery in a Rat Model of Ischemic Stroke. Stroke, 2012, 43, 2430-2436.	2.0	97
24	Lithium Ameliorates Neurodegeneration, Suppresses Neuroinflammation, and Improves Behavioral Performance in a Mouse Model of Traumatic Brain Injury. Journal of Neurotrauma, 2012, 29, 362-374.	3.4	117
25	Lithium Reduces BACE1 Overexpression, Beta Amyloid Accumulation, and Spatial Learning Deficits in Mice with Traumatic Brain Injury. Journal of Neurotrauma, 2012, 29, 2342-2351.	3.4	89
26	Roles of Glycogen Synthase Kinase-3 in Alzheimer's Disease: From Pathology toÂTreatment Target. Journal of Experimental and Clinical Medicine, 2012, 4, 135-139.	0.2	7
27	Post-insult valproic acid-regulated microRNAs: potential targets for cerebral ischemia. American Journal of Translational Research (discontinued), 2012, 4, 316-32.	0.0	59
28	Lithium ameliorates phenotypic deficits in a mouse model of fragile X syndrome. International Journal of Neuropsychopharmacology, 2011, 14, 618-630.	2.1	128
29	Lentivirally mediated GSK-3Î² silencing in the hippocampal dentate gyrus induces antidepressant-like effects in stressed mice. International Journal of Neuropsychopharmacology, 2011, 14, 711-717.	2.1	44
30	Histone deacetylase inhibition alters histone methylation associated with heat shock protein 70 promoter modifications in astrocytes and neurons. Neuropharmacology, 2011, 60, 1109-1115.	4.1	81
31	Valproic Acid Attenuates Bloodâ€“Brain Barrier Disruption in a Rat Model of Transient Focal Cerebral Ischemia: The Roles of HDAC and MMP-9 Inhibition. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 52-57.	4.3	201
32	Bax inhibitor 1, a modulator of calcium homeostasis, confers affective resilience. Brain Research, 2011, 1403, 19-27.	2.2	27
33	Mesenchymal Stem Cells Primed With Valproate and Lithium Robustly Migrate to Infarcted Regions and Facilitate Recovery in a Stroke Model. Stroke, 2011, 42, 2932-2939.	2.0	121
34	Beneficial effects of mood stabilizers lithium, valproate and lamotrigine in experimental stroke models. Acta Pharmacologica Sinica, 2011, 32, 1433-1445.	6.1	45
35	GSK-3 as a Target for Lithium-Induced Neuroprotection Against Excitotoxicity in Neuronal Cultures and Animal Models of Ischemic Stroke. Frontiers in Molecular Neuroscience, 2011, 4, 15.	2.9	134
36	Angiotensin II AT1 Receptor Blockade Ameliorates Brain Inflammation. Neuropsychopharmacology, 2011, 36, 857-870.	5.4	201

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37	Combined Treatment with the Mood Stabilizers Lithium and Valproate Produces Multiple Beneficial Effects in Transgenic Mouse Models of Huntington's Disease. Neuropsychopharmacology, 2011, 36, 2406-2421.	5.4	126
38	Neuroprotective action of lithium in disorders of the central nervous system. Journal of Central South University (Medical Sciences), 2011, 36, 461-76.	0.1	35
39	Molecular actions and therapeutic potential of lithium in preclinical and clinical studies of CNS disorders. , 2010, 128, 281-304.		196
40	The Mood Stabilizers Valproic Acid and Lithium Enhance Mesenchymal Stem Cell Migration via Distinct Mechanisms. Neuropsychopharmacology, 2010, 35, 2225-2237.	5.4	71
41	Potent neuroprotective effects of novel structural derivatives of valproic acid: Potential roles of HDAC inhibition and HSP70 induction. Neuroscience Letters, 2010, 476, 127-132.	2.1	35
42	Lithium Upregulates Vascular Endothelial Growth Factor in Brain Endothelial Cells and Astrocytes. Stroke, 2009, 40, 652-655.	2.0	73
43	The HDAC inhibitor, sodium butyrate, stimulates neurogenesis in the ischemic brain. Journal of Neurochemistry, 2009, 110, 1226-1240.	3.9	270
44	Valproic acid induces functional heatâ€shock protein 70 via Class I histone deacetylase inhibition in cortical neurons: a potential role of Sp1 acetylation. Journal of Neurochemistry, 2009, 111, 976-987.	3.9	124
45	Multiple roles of HDAC inhibition in neurodegenerative conditions. Trends in Neurosciences, 2009, 32, 591-601.	8.6	555
46	Nuclear Translocation of Glyceraldehyde-3-Phosphate Dehydrogenase Isoforms During Neuronal Apoptosis. Journal of Neurochemistry, 2008, 72, 925-932.	3.9	112
47	Lithium inhibits Smad3/4 transactivation via increased CREB activity induced by enhanced PKA and AKT signaling. Molecular and Cellular Neurosciences, 2008, 37, 440-453.	2.2	74
48	Histone deacetylase inhibitors up-regulate astrocyte GDNF and BDNF gene transcription and protect dopaminergic neurons. International Journal of Neuropsychopharmacology, 2008, 11, 1123.	2.1	254
49	Synergistic Neuroprotective Effects of Lithium and Valproic Acid or Other Histone Deacetylase Inhibitors in Neurons: Roles of Glycogen Synthase Kinase-3 Inhibition. Journal of Neuroscience, 2008, 28, 2576-2588.	3.6	199
50	Functional MRI of Delayed Chronic Lithium Treatment in Rat Focal Cerebral Ischemia. Stroke, 2008, 39, 439-447.	2.0	37
51	Regulation and Function of Glycogen Synthase Kinase-3 Isoforms in Neuronal Survival. Journal of Biological Chemistry, 2007, 282, 3904-3917.	3.4	122
52	PET imaging with [11C]PBR28 can localize and quantify upregulated peripheral benzodiazepine receptors associated with cerebral ischemia in rat. Neuroscience Letters, 2007, 411, 200-205.	2.1	158
53	Histone Deacetylase Inhibitors Exhibit Anti-Inflammatory and Neuroprotective Effects in a Rat Permanent Ischemic Model of Stroke: Multiple Mechanisms of Action. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 892-901.	2.5	511
54	In Search of the Holy Grail for the Treatment of Neurodegenerative Disorders: Has a Simple Cation Been Overlooked?. Biological Psychiatry, 2007, 62, 4-6.	1.3	62

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55	Nuclear factor-Î°B-dependent cyclin D1 induction and DNA replication associated with N-methyl-D-aspartate receptor-mediated apoptosis in rat striatum. Journal of Neuroscience Research, 2007, 85, 1295-1309.	2.9	28
56	GSK-3 is a viable potential target for therapeutic intervention in bipolar disorder. Neuroscience and Biobehavioral Reviews, 2007, 31, 920-931.	6.1	134
57	Lithium reduces ischemia-induced hippocampal CA1 damage and behavioral deficits in gerbils. Brain Research, 2007, 1184, 270-276.	2.2	71
58	Endogenous Î±-Synuclein Is Induced by Valproic Acid through Histone Deacetylase Inhibition and Participates in Neuroprotection against Glutamate-Induced Excitotoxicity. Journal of Neuroscience, 2006, 26, 7502-7512.	3.6	176
59	Differential Roles of Glycogen Synthase Kinase-3 Isoforms in the Regulation of Transcriptional Activation. Journal of Biological Chemistry, 2006, 281, 30479-30484.	3.4	115
60	Susceptibility of striatal neurons to excitotoxic injury correlates with basal levels of Bcl-2 and the induction of P53 and c-Myc immunoreactivity. Neurobiology of Disease, 2005, 20, 562-573.	4.4	27
61	Valproate pretreatment protects dopaminergic neurons from LPS-induced neurotoxicity in rat primary midbrain cultures: role of microglia. Molecular Brain Research, 2005, 134, 162-169.	2.3	155
62	GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE, APOPTOSIS, AND NEURODEGENERATIVE DISEASES. Annual Review of Pharmacology and Toxicology, 2005, 45, 269-290.	9.4	271
63	The Antiapoptotic Actions of Mood Stabilizers. Annals of the New York Academy of Sciences, 2005, 1053, 195-204.	3.8	6
64	The Antiapoptotic Actions of Mood Stabilizers: Molecular Mechanisms and Therapeutic Potentials. Annals of the New York Academy of Sciences, 2005, 1053, 195-204.	3.8	171
65	Lithium neuroprotection: molecular mechanisms and clinical implications. Expert Reviews in Molecular Medicine, 2004, 6, 1-18.	3.9	169
66	Valproic acid reduces brain damage induced by transient focal cerebral ischemia in rats: potential roles of histone deacetylase inhibition and heat shock protein induction. Journal of Neurochemistry, 2004, 89, 1358-1367.	3.9	353
67	Lithium protection from glutamate excitotoxicity: therapeutic implications. Clinical Neuroscience Research, 2004, 4, 243-252.	0.8	11
68	Neuroprotective and Neurotrophic Actions of the Mood Stabilizer Lithium: Can It Be Used to Treat Neurodegenerative Diseases?. Critical Reviews in Neurobiology, 2004, 16, 83-90.	3.1	164
69	Regulation of c-Jun N-terminal kinase, p38 kinase and AP-1 DNA binding in cultured brain neurons: roles in glutamate excitotoxicity and lithium neuroprotection. Journal of Neurochemistry, 2003, 84, 566-575.	3.9	138
70	Lithiumâ€induced inhibition of Src tyrosine kinase in rat cerebral cortical neurons: a role in neuroprotection against <i>N</i>â€methylâ€<scp>D</scp>â€aspartate receptorâ€mediated excitotoxicity. FEBS Letters, 2003, 538, 145-148.	2.8	64
71	Valproic acid, a mood stabilizer and anticonvulsant, protects rat cerebral cortical neurons from spontaneous cell death: a role of histone deacetylase inhibition. FEBS Letters, 2003, 542, 74-78.	2.8	111
72	Overexpression and nuclear accumulation of glyceraldehyde-3-phosphate dehydrogenase in a transgenic mouse model of Huntingtonâ€™s disease. Molecular and Cellular Neurosciences, 2003, 22, 285-297.	2.2	62

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73	Postinsult treatment with lithium reduces brain damage and facilitates neurological recovery in a rat ischemia/reperfusion model. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6210-6215.	7.1	194
74	Neuroprotection against Apoptosis. , 2003, , 145-154.		1
75	Lithium induces brain-derived neurotrophic factor and activates TrkB in rodent cortical neurons: An essential step for neuroprotection against glutamate excitotoxicity. Neuropharmacology, 2002, 43, 1173-1179.	4.1	230
76	Neuroprotective effects of lithium in cultured cells and animal models of diseases. Bipolar Disorders, 2002, 4, 129-136.	1.9	218
77	Lithium protection against glutamate excitotoxicity in rat cerebral cortical neurons: involvement of NMDA receptor inhibition possibly by decreasing NR2B tyrosine phosphorylation. Journal of Neurochemistry, 2002, 80, 589-597.	3.9	299
78	Tryptamine Induces Phosphoinositide Turnover and Modulates Adrenergic and Muscarinic Cholinergic Receptor Function in Cultured Cerebellar Granule Cells. Journal of Neurochemistry, 2002, 63, 2080-2085.	3.9	8
79	Inhibition of Excitatory Amino Acid-Induced Phosphoinositide Hydrolysis as a Possible Mechanism of Nitroprusside Neurotoxicity. Journal of Neurochemistry, 2002, 66, 346-354.	3.9	11
80	Neuronal Apoptosis Induced by Pharmacological Concentrations of 3-Hydroxykynurenine. Journal of Neurochemistry, 2001, 75, 81-90.	3.9	89
81	Inhibition of Excessive Neuronal Apoptosis by the Calcium Antagonist Amlodipine and Antioxidants in Cerebellar Granule Cells. Journal of Neurochemistry, 2001, 72, 1448-1456.	3.9	93
82	The mitochondrial hypothesis of bipolar disorder. Bipolar Disorders, 2000, 2, 145-147.	1.9	9
83	Î²-Amyloid peptide-induced death of PC 12 cells and cerebellar granule cell neurons is inhibited by long-term lithium treatment. European Journal of Pharmacology, 2000, 392, 117-123.	3.5	117
84	Nuclear Factor ÎºB Nuclear Translocation Upregulates c-Myc and p53 Expression during NMDA Receptor-Mediated Apoptosis in Rat Striatum. Journal of Neuroscience, 1999, 19, 4023-4033.	3.6	232
85	Long Term Lithium Treatment Suppresses p53 and Bax Expression but Increases Bcl-2 Expression. Journal of Biological Chemistry, 1999, 274, 6039-6042.	3.4	426
86	Elevated basal and thapsigargin-stimulated intracellular calcium of platelets and lymphocytes from bipolar affective disorder patients measured by a fluorometric microassay. Biological Psychiatry, 1999, 46, 247-255.	1.3	77
87	Involvement of Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) and p53 in Neuronal Apoptosis: Evidence That GAPDH Is Upregulated by p53. Journal of Neuroscience, 1999, 19, 9654-9662.	3.6	115
88	Neuroprotective effects of chronic lithium on focal cerebral ischemia in rats. NeuroReport, 1998, 9, 2081-2084.	1.2	252
89	Nuclear Localization of Overexpressed Glyceraldehyde-3-Phosphate Dehydrogenase in Cultured Cerebellar Neurons Undergoing Apoptosis. Molecular Pharmacology, 1998, 53, 701-707.	2.3	144
90	ETHANOL INDUCES SUBTYPE-SPECIFIC UP-REGULATION OF MUSCARINIC ACETYLCHOLINE RECEPTOR mRNA IN NEUROHYBRID CELL LINES. Life Sciences, 1997, 62, 389-396.	4.3	1

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91	Overexpression of Glyceraldehyde-3-Phosphate Dehydrogenase Is Involved in Low K+-Induced Apoptosis but Not Necrosis of Cultured Cerebellar Granule Cells. Molecular Pharmacology, 1997, 51, 542-550.	2.3	71
92	Neurotrophin Protection Against Toxicity Induced by Low Potassium and Nitroprusside in Cultured Cerebellar Granule Neurons. Journal of Neurochemistry, 1997, 68, 68-77.	3.9	18
93	Effects of Depolarization and NMDA Antagonists on the Survival of Cerebellar Granule Cells: A Pivotal Role for Protein Kinase C Isoforms. Journal of Neurochemistry, 1997, 68, 2577-2586.	3.9	40
94	Lithium Increases Transcription Factor Binding to APâ€1 and Cyclic AMPâ€Responsive Element in Cultured Neurons and Rat Brain. Journal of Neurochemistry, 1997, 69, 2336-2344.	3.9	157
95	Differential effects of butyrate and dibutyryl cAMP on mRNA levels of muscarinic acetylcholine receptor subtypes expressed in neurohybrid cell lines. Neuroscience Letters, 1996, 212, 49-52.	2.1	3
96	ONO-1603, a potential antidementia drug, shows neuroprotective effects and increases m3-muscarinic receptor mRNA levels in differentiating rat cerebellar granule neurons. Neuroscience Letters, 1996, 214, 151-154.	2.1	17
97	Antagonists have a greater selectivity for muscarinic receptor subtypes in intact cerebellar granule cells than in membranes. Brain Research, 1996, 713, 29-35.	2.2	2
98	A role for GAPDH in apoptosis and neurodegeneration. Nature Medicine, 1996, 2, 609-610.	30.7	45
99	Evidence that Glyceraldehydeâ€3â€Phosphate Dehydrogenase Is Involved in Ageâ€Induced Apoptosis in Mature Cerebellar Neurons in Culture. Journal of Neurochemistry, 1996, 66, 928-935.	3.9	181
100	Carbamazepine induction of apoptosis in cultured cerebellar neurons: effects ofN-methyl-d-aspartate, aurintricarboxylic acid and cycloheximide. Brain Research, 1995, 703, 63-71.	2.2	35
101	Glyceraldehyde-3-phosphate dehydrogenase is over-expressed during apoptotic death of neuronal cultures and is recognized by a monoclonal antibody against amyloid plaques from Alzheimer's brain. Neuroscience Letters, 1995, 200, 133-136.	2.1	91
102	Effect of chronic haloperidol treatment on dopamine-induced inositol phosphate formation in rat brain slices. Neurochemical Research, 1994, 19, 673-678.	3.3	5
103	Programmed cell death: Implications for neuropsychiatric disorders. Biological Psychiatry, 1994, 35, 946-956.	1.3	134
104	Endothelin-1 increases the levels of mRNA and protein of muscarinic acetylcholine receptors and c-fosmRNA in cerebellar granule cells. FEBS Letters, 1994, 348, 263-267.	2.8	8
105	Regulation of Î²â€Adrenergic Receptor mRNA in Rat C₆ Glioma Cells Is Sensitive to the State of Microtubule Assembly. Journal of Neurochemistry, 1994, 62, 421-430.	3.9	15
106	Extracellular ATP stimulates inositol phospholipid turnover and calcium influx in C6 glioma cells. Neurochemical Research, 1993, 18, 681-687.	3.3	23
107	Effect of cocaine, lidocaine kindling and carbamazepine on batrachotoxin-induced phosphoinositide hydrolysis in rat brain slices. Brain Research, 1993, 614, 185-190.	2.2	4
108	Long-term biphasic effects of lithium treatment on phospholipase C-coupled m3-muscarinic acetylcholine receptors in cultured cerebellar granule cells. Neurochemistry International, 1993, 22, 395-403.	3.8	28

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109	Autoradiographic demonstration of an increase in muscarinic cholinergic receptors in cerebellar granule cells treated with tetrahydroaminoacridine. Neuroscience Letters, 1993, 151, 45-47.	2.1	6
110	Tetrahydroaminoacridine increases m3-, but not m2-, muscarinic acetylcholine receptor mRNA levels in differentiating cerebellar granule cells. Neuroscience Letters, 1993, 163, 27-30.	2.1	7
111	Longâ€Term GABA Treatment Elicits Supersensitivity of Quisqualateâ€Preferring Metabotropic Glutamate Receptor in Cultured Rat Cerebellar Neurons. Journal of Neurochemistry, 1993, 61, 430-435.	3.9	2
112	Potentiation by Ca2+ ionophores and inhibition by extracellular KCl of endothelin-induced phosphoinositide turnover in C6 glioma cells. Neurochemistry International, 1992, 21, 293-301.	3.8	4
113	Regulation of bradykinin-induced phosphoinositide turnover in cultured cerebellar astrocytes: possible role of protein kinase C. Neurochemistry International, 1992, 21, 573-579.	3.8	17
114	Carbamazepine-induced neurotoxicity and its prevention by NMDA in cultured cerebellar granule cells. Neuroscience Letters, 1992, 135, 159-162.	2.1	19
115	Effects of chronic nicotine and haloperidol administration on muscarinic receptor-mediated phosphoinositide turnover in rat brain slices. Psychopharmacology, 1992, 109, 248-250.	3.1	9
116	Role of microtubule structure in the maintenance of m3-muscarinic acetylcholine receptor rnRNA levels. Molecular and Cellular Neurosciences, 1991, 2, 123-129.	2.2	5
117	m2- and m3-muscarinic acetylcholine receptor mRNAs have different responses to microtubule-affecting drugs. Molecular and Cellular Neurosciences, 1991, 2, 315-319.	2.2	8
118	Chronic haloperidol treatment attenuates receptor-mediated phosphoinositide turnover in rat brain slices. Neuroscience Letters, 1991, 129, 81-85.	2.1	9
119	Expression and Agonist-Induced Down-Regulation of mRNAs of m2- and m3-Muscarinic Acetylcholine Receptors in Cultured Cerebellar Granule Cells. Journal of Neurochemistry, 1991, 56, 716-719.	3.9	56
120	Maitotoxin Induces Phosphoinositide Turnover and Modulates Glutamatergic and Muscarinic Cholinergic Receptor Function in Cultured Cerebellar Neurons. Journal of Neurochemistry, 1990, 55, 1563-1568.	3.9	8
121	Regulation by batrachotoxin, veratridine, and monensin of basal and carbachol-induced phosphoinositide hydrolysis in neurohybrid NCB-20 cells. Neurochemical Research, 1990, 15, 695-704.	3.3	4
122	Characterization of two distinct 5-HT receptors coupled to adenylate cyclase activation and ion current generation in NCB-20 cells. Neuroscience Letters, 1990, 108, 149-154.	2.1	9
123	Differential down-regulation of Î²1- and Î²2-adrenergic receptor mRNA in C6 glioma cells. Biochemical and Biophysical Research Communications, 1990, 170, 46-52.	2.1	53
124	Endothelin-1 stimulates the release of preloaded [3H]D-aspartate from cultured cerebellar granule cells. Biochemical and Biophysical Research Communications, 1990, 167, 593-599.	2.1	23
125	Comparative studies of phosphoinositide hydrolysis induced by endothelin-related peptides in cultured cerebellar astrocytes, C6-glioma and cerebellar granule cells. Biochemical and Biophysical Research Communications, 1990, 168, 512-519.	2.1	51
126	Homologous Desensitization of Muscarinic Cholinergic, Histaminergic, Adrenergic, and Serotonergic Receptors Coupled to Phospholipase C in Cerebellar Granule Cells. Journal of Neurochemistry, 1989, 52, 598-603.	3.9	66

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127	Rebound increase of basal cAMP level in NG108-15 cells during chronic morphine treatment: Effects of naloxone and chloramphenicol. Life Sciences, 1989, 44, 1107-1116.	4.3	12
128	Characterization of Bradykinin-Induced Phosphoinositide Turnover in Neurohybrid NCB-20 Cells. Journal of Neurochemistry, 1988, 51, 505-513.	3.9	35
129	Differential Regulation by Butyrate and Dibutyryl Cyclic AMP of ?-Opioid, ?2-Adrenergic, and Muscarinic Cholinergic Receptors in NCB-20 Cells. Journal of Neurochemistry, 1988, 50, 17-26.	3.9	17
130	GABA pretreatment enhances glutamate mediated phosphoinositide hydrolysis in neurons. European Journal of Pharmacology, 1988, 158, 179-180.	3.5	10
131	Changes in immunohistochemical properties of beta-adrenergic receptors in frog erythrocytes by isoproterenol-induced desensitization. Life Sciences, 1988, 42, 321-328.	4.3	3
132	Modulation of calcium uptake and D-aspartate release by GABAB receptors in cultured cerebellar granule cells. European Journal of Pharmacology, 1987, 141, 401-408.	3.5	34
133	Serotonergic, adrenergic and histaminergic receptors coupled to phospholipase C in cultured cerebellar granule cells of rats. Biochemical Pharmacology, 1987, 36, 2353-2358.	4.4	46
134	Multiple mechanisms of serotonergic signal transduction. Life Sciences, 1987, 41, 1051-1064.	4.3	120
135	Comparison of the butyrate effects on neurotransmitter receptors in neurohybrids NG 108-15 and NCB-20 cells. Life Sciences, 1987, 41, 1133-1139.	4.3	6
136	Carbachol-induced accumulation of inositol-1-phosphate in neurohybridoma NCB-20 cells: Effects of lithium and phorbol esters. Biochemical and Biophysical Research Communications, 1986, 136, 622-629.	2.1	35
137	5-Hydroxytryptamine Uptake and Imipramine Binding Sites in Neurotumor NCB-20 Cells. Journal of Neurochemistry, 1985, 45, 920-925.	3.9	9
138	?-adrenergic receptor internalization and processing: role of transglutaminase and lysosomes. Molecular and Cellular Biochemistry, 1984, 58, 79-89.	3.1	15
139	Recognition Sites for Antidepressant Drugs. , 1984, , 307-330.		3
140	Î²-adrenergic receptor internalization and processing: role of transglutaminase and lysosomes. , 1984, , 79-89.		0
141	Differences in the regulatory adaptation of the 5HT2 recognition sites labelled by 3H-mianserin or 3H-ketanserin. Neuropharmacology, 1983, 22, 123-126.	4.1	34
142	Internalization of Î²-adrenergic receptor binding sites: Involvements of lysosomal enzymes. Biochemical and Biophysical Research Communications, 1982, 105, 1466-1472.	2.1	19