

# Christine M Gall

## List of Publications by Year in descending order

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180  
papers

17,442  
citations

12597

71  
h-index

17373

126  
g-index

182  
all docs

182  
docs citations

182  
times ranked

15258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex differences in synaptic plasticity underlying learning. <i>Journal of Neuroscience Research</i> , 2023, 101, 764-782.	1.3	22
2	Influence of Eversion Endarterectomy and Patch Reconstruction on Postoperative Blood Pressure After Carotid Surgery. <i>Annals of Vascular Surgery</i> , 2022, 78, 61-69.	0.4	3
3	Residual homing of $\hat{1}\pm 4\hat{1}^{27}$ -expressing $\hat{1}^{21}$ regulatory T cells with potent suppressive activity correlates with exposure-efficacy of vedolizumab. <i>Gut</i> , 2022, 71, 1551-1566.	6.1	24
4	Persistent sexually dimorphic effects of adolescent THC exposure on hippocampal synaptic plasticity and episodic memory in rodents. <i>Neurobiology of Disease</i> , 2022, 162, 105565.	2.1	7
5	Prepubescent female rodents have enhanced hippocampal LTP and learning relative to males, reversing in adulthood as inhibition increases. <i>Nature Neuroscience</i> , 2022, 25, 180-190.	7.1	24
6	Retrograde enhancement of episodic learning by a postlearning stimulus. <i>Learning and Memory</i> , 2021, 28, 82-86.	0.5	2
7	Increased excitatory to inhibitory synaptic ratio in parietal cortex samples from individuals with Alzheimer's disease. <i>Nature Communications</i> , 2021, 12, 2603.	5.8	72
8	Rapid Aging in the Perforant Path Projections to the Rodent Dentate Gyrus. <i>Journal of Neuroscience</i> , 2021, 41, 2301-2312.	1.7	23
9	Unexpected Role of Physiological Estrogen in Acute Stress-Induced Memory Deficits. <i>Journal of Neuroscience</i> , 2021, 41, 648-662.	1.7	26
10	A TrkB agonist and ampakine rescue synaptic plasticity and multiple forms of memory in a mouse model of intellectual disability. <i>Neurobiology of Disease</i> , 2020, 134, 104604.	2.1	16
11	Synaptic actin stabilization protein loss in Down syndrome and Alzheimer disease. <i>Brain Pathology</i> , 2020, 30, 319-331.	2.1	31
12	Long-Term Experience of Chemoradiotherapy Combined with Deep Regional Hyperthermia for Organ Preservation in High-Risk Bladder Cancer (Ta, Tis, T1, T2). <i>Oncologist</i> , 2019, 24, e1341-e1350.	1.9	28
13	Acquisition of temporal order requires an intact CA3 commissural/associational (C/A) feedback system in mice. <i>Communications Biology</i> , 2019, 2, 251.	2.0	16
14	Brain Vacuolation Resulting From Administration of the Type II Ampakine CX717 Is An Artifact Related to Molecular Structure and Chemical Reaction With Tissue Fixative Agents. <i>Toxicological Sciences</i> , 2018, 162, 383-395.	1.4	10
15	Atypical Endocannabinoid Signaling Initiates a New Form of Memory-Related Plasticity at a Cortical Input to Hippocampus. <i>Cerebral Cortex</i> , 2018, 28, 2253-2266.	1.6	50
16	Treating a novel plasticity defect rescues episodic memory in Fragile X model mice. <i>Molecular Psychiatry</i> , 2018, 23, 1798-1806.	4.1	32
17	Memory-Related Synaptic Plasticity Is Sexually Dimorphic in Rodent Hippocampus. <i>Journal of Neuroscience</i> , 2018, 38, 7935-7951.	1.7	86
18	Cofilin Activation Is Temporally Associated with the Cessation of Growth in the Developing Hippocampus. <i>Cerebral Cortex</i> , 2017, 27, bhw088.	1.6	11

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19	Experiential learning in rodents: past experience enables rapid learning and localized encoding in hippocampus. <i>Learning and Memory</i> , 2017, 24, 569-579.	0.5	2
20	Patch clamp-assisted single neuron lipidomics. <i>Scientific Reports</i> , 2017, 7, 5318.	1.6	13
21	Can we rely on out-of-hospital blood samples? A prospective interventional study on the pre-analytical stability of blood samples under prehospital emergency medicine conditions. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2017, 25, 24.	1.1	10
22	Integrin Dynamics and Stages of Memory Formation. , 2017, , 217-235.		0
23	Enhancement of Anandamide-Mediated Endocannabinoid Signaling Corrects Autism-Related Social Impairment. <i>Cannabis and Cannabinoid Research</i> , 2016, 1, 81-89.	1.5	81
24	Converging, Synergistic Actions of Multiple Stress Hormones Mediate Enduring Memory Impairments after Acute Simultaneous Stresses. <i>Journal of Neuroscience</i> , 2016, 36, 11295-11307.	1.7	45
25	Estrogen's Effects on Excitatory Synaptic Transmission Entail Integrin and TrkB Transactivation and Depend Upon $\beta$ 1-integrin function. <i>Neuropsychopharmacology</i> , 2016, 41, 2723-2732.	2.8	26
26	Chronic Ampakine Treatments Stimulate Dendritic Growth and Promote Learning in Middle-Aged Rats. <i>Journal of Neuroscience</i> , 2016, 36, 1636-1646.	1.7	52
27	A Primary Cortical Input to Hippocampus Expresses a Pathway-Specific and Endocannabinoid-Dependent Form of Long-Term Potentiation. <i>ENeuro</i> , 2016, 3, ENEURO.0160-16.2016.	0.9	65
28	Evidence of Mitochondrial Dysfunction within the Complex Genetic Etiology of Schizophrenia. <i>Molecular Neuropsychiatry</i> , 2015, 1, 201-219.	3.0	74
29	Pronounced differences in signal processing and synaptic plasticity between piriform-hippocampal network stages: a prominent role for adenosine. <i>Journal of Physiology</i> , 2015, 593, 2889-2907.	1.3	24
30	Protein synthesis and consolidation of memory-related synaptic changes. <i>Brain Research</i> , 2015, 1621, 62-72.	1.1	25
31	Environmental Enrichment Reveals Effects of Genotype on Hippocampal Spine Morphologies in the Mouse Model of Fragile X Syndrome. <i>Cerebral Cortex</i> , 2015, 25, 516-527.	1.6	26
32	Endocannabinoid signaling mediates oxytocin-driven social reward. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14084-14089.	3.3	163
33	At the interface of sensory and motor dysfunctions and Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 70-98.	0.4	420
34	Pharmacological enhancement of memory or cognition in normal subjects. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 90.	1.2	41
35	Spaced training rescues memory and ERK1/2 signaling in fragile X syndrome model mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16907-16912.	3.3	49
36	A Map of LTP-Related Synaptic Changes in Dorsal Hippocampus Following Unsupervised Learning. <i>Journal of Neuroscience</i> , 2014, 34, 3033-3041.	1.7	14

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37	Long-Term Memory Deficits are Associated with Elevated Synaptic ERK1/2 Activation and Reversed by mGluR5 Antagonism in an Animal Model of Autism. <i>Neuropsychopharmacology</i> , 2014, 39, 1664-1673.	2.8	61
38	Synaptic Abnormalities in the Infralimbic Cortex of a Model of Congenital Depression. <i>Journal of Neuroscience</i> , 2013, 33, 13441-13448.	1.7	35
39	NMDA Receptor Activation and Calpain Contribute to Disruption of Dendritic Spines by the Stress Neuropeptide CRH. <i>Journal of Neuroscience</i> , 2013, 33, 16945-16960.	1.7	71
40	Differences between synaptic plasticity thresholds result in new timing rules for maximizing long-term potentiation. <i>Neuropharmacology</i> , 2013, 64, 27-36.	2.0	61
41	Mechanism based approaches for rescuing and enhancing cognition. <i>Frontiers in Neuroscience</i> , 2013, 7, 143.	1.4	28
42	LTP Induction Translocates Cortactin at Distant Synapses in Wild-Type But Not <i>Fmr1</i> Knock-Out Mice. <i>Journal of Neuroscience</i> , 2012, 32, 7403-7413.	1.7	56
43	Integrin Dynamics Produce a Delayed Stage of Long-Term Potentiation and Memory Consolidation. <i>Journal of Neuroscience</i> , 2012, 32, 12854-12861.	1.7	80
44	BDNF upregulation rescues synaptic plasticity in middle-aged ovariectomized rats. <i>Neurobiology of Aging</i> , 2012, 33, 708-719.	1.5	54
45	Synaptic evidence for the efficacy of spaced learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5121-5126.	3.3	134
46	Glucocorticoid Receptors are Localized to Dendritic Spines and Influence Local Actin Signaling. <i>Molecular Neurobiology</i> , 2012, 46, 304-315.	1.9	52
47	Biophysical stimulation induces demyelination via an integrin-dependent mechanism. <i>Annals of Neurology</i> , 2012, 72, 112-123.	2.8	14
48	Ampakines promote spine actin polymerization, long-term potentiation, and learning in a mouse model of Angelman syndrome. <i>Neurobiology of Disease</i> , 2012, 47, 210-215.	2.1	85
49	The biochemistry of memory: The 26year journey of a new and specific hypothesis™. <i>Neurobiology of Learning and Memory</i> , 2011, 95, 125-133.	1.0	45
50	Brief ampakine treatments slow the progression of Huntington's disease phenotypes in R6/2 mice. <i>Neurobiology of Disease</i> , 2011, 41, 436-444.	2.1	57
51	The likelihood of cognitive enhancement. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 99, 116-129.	1.3	108
52	Hippocampal Dysfunction and Cognitive Impairments Provoked by Chronic Early-Life Stress Involve Excessive Activation of CRH Receptors. <i>Journal of Neuroscience</i> , 2010, 30, 13005-13015.	1.7	348
53	Correlated memory defects and hippocampal dendritic spine loss after acute stress involve corticotropin-releasing hormone signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13123-13128.	3.3	226
54	Learning induces neurotrophin signaling at hippocampal synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7030-7035.	3.3	53

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55	Physiological Activation of Synaptic Rac&gt;PAK (p-21 Activated Kinase) Signaling Is Defective in a Mouse Model of Fragile X Syndrome. <i>Journal of Neuroscience</i> , 2010, 30, 10977-10984.	1.7	124
56	Presynaptic BDNF Promotes Postsynaptic Long-Term Potentiation in the Dorsal Striatum. <i>Journal of Neuroscience</i> , 2010, 30, 14440-14445.	1.7	101
57	BDNF Signaling during Learning Is Regionally Differentiated within Hippocampus. <i>Journal of Neuroscience</i> , 2010, 30, 15097-15101.	1.7	31
58	Myosin IIb Regulates Actin Dynamics during Synaptic Plasticity and Memory Formation. <i>Neuron</i> , 2010, 67, 603-617.	3.8	192
59	Up-regulating BDNF with an ampakine rescues synaptic plasticity and memory in Huntington's disease knockin mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4906-4911.	3.3	233
60	Cytoskeletal Changes Underlie Estrogen's Acute Effects on Synaptic Transmission and Plasticity. <i>Journal of Neuroscience</i> , 2009, 29, 12982-12993.	1.7	229
61	Different Rho GTPase-dependent signaling pathways initiate sequential steps in the consolidation of long-term potentiation. <i>Journal of Cell Biology</i> , 2009, 186, 85-97.	2.3	255
62	Origins of an Intrinsic Hippocampal EEG Pattern. <i>PLoS ONE</i> , 2009, 4, e7761.	1.1	18
63	Estrogen's Place in the Family of Synaptic Modulators. <i>Molecular and Cellular Pharmacology</i> , 2009, 1, 258-262.	1.7	21
64	The substrates of memory: Defects, treatments, and enhancement. <i>European Journal of Pharmacology</i> , 2008, 585, 2-13.	1.7	93
65	Positive Modulators of AMPA-Type Glutamate Receptors. , 2008, , 299-326.		0
66	Brain-Derived Neurotrophic Factor Rescues Synaptic Plasticity in a Mouse Model of Fragile X Syndrome. <i>Journal of Neuroscience</i> , 2007, 27, 10685-10694.	1.7	221
67	Changes in Synaptic Morphology Accompany Actin Signaling during LTP. <i>Journal of Neuroscience</i> , 2007, 27, 5363-5372.	1.7	252
68	Brain-Derived Neurotrophic Factor Restores Synaptic Plasticity in a Knock-In Mouse Model of Huntington's Disease. <i>Journal of Neuroscience</i> , 2007, 27, 4424-4434.	1.7	172
69	Evidence That Long-Term Potentiation Occurs within Individual Hippocampal Synapses during Learning. <i>Journal of Neuroscience</i> , 2007, 27, 8031-8039.	1.7	134
70	Brain-Derived Neurotrophic Factor Promotes Long-Term Potentiation-Related Cytoskeletal Changes in Adult Hippocampus. <i>Journal of Neuroscience</i> , 2007, 27, 3017-3029.	1.7	291
71	LTP consolidation: Substrates, explanatory power, and functional significance. <i>Neuropharmacology</i> , 2007, 52, 12-23.	2.0	172
72	Distribution of neuropeptide S receptor mRNA and neurochemical characteristics of neuropeptide S-expressing neurons in the rat brain. <i>Journal of Comparative Neurology</i> , 2007, 500, 84-102.	0.9	250

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73	Synaptic plasticity in early aging. <i>Ageing Research Reviews</i> , 2006, 5, 255-280.	5.0	87
74	Ampakines and the threefold path to cognitive enhancement. <i>Trends in Neurosciences</i> , 2006, 29, 554-562.	4.2	155
75	Restoration of Long-Term Potentiation in Middle-Aged Hippocampus After Induction of Brain-Derived Neurotrophic Factor. <i>Journal of Neurophysiology</i> , 2006, 96, 677-685.	0.9	143
76	Integrin-driven actin polymerization consolidates long-term potentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5579-5584.	3.3	199
77	Developmental Expression of Neurotrophins and Their Receptors in Postnatal Rat Ventral Midbrain. <i>Journal of Molecular Neuroscience</i> , 2005, 27, 245-260.	1.1	24
78	Integrin signaling cascades are operational in adult hippocampal synapses and modulate NMDA receptor physiology. <i>Journal of Neurochemistry</i> , 2005, 93, 834-849.	2.1	105
79	AMPA receptor stimulation increases $\alpha 5 \beta 1$ integrin surface expression, adhesive function and signaling. <i>Journal of Neurochemistry</i> , 2005, 94, 531-546.	2.1	34
80	A phase 1 clinical trial of nerve growth factor gene therapy for Alzheimer disease. <i>Nature Medicine</i> , 2005, 11, 551-555.	15.2	979
81	Prolonged Positive Modulation of $\alpha$ -Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptors Induces Calpain-Mediated PSD-95/Dlg/ZO-1 Protein Degradation and AMPA Receptor Down-Regulation in Cultured Hippocampal Slices. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 314, 16-26.	1.3	25
82	Theta Stimulation Polymerizes Actin in Dendritic Spines of Hippocampus. <i>Journal of Neuroscience</i> , 2005, 25, 2062-2069.	1.7	164
83	Formation of heteromeric hyperpolarization-activated cyclic nucleotide-gated (HCN) channels in the hippocampus is regulated by developmental seizures. <i>Neurobiology of Disease</i> , 2005, 19, 200-207.	2.1	113
84	Long-Term Potentiation Is Impaired in Middle-Aged Rats: Regional Specificity and Reversal by Adenosine Receptor Antagonists. <i>Journal of Neuroscience</i> , 2005, 25, 5956-5966.	1.7	124
85	Spontaneous Waves in the Dentate Gyrus of Slices From the Ventral Hippocampus. <i>Journal of Neurophysiology</i> , 2004, 92, 3385-3398.	0.9	12
86	A Novel Mechanism for the Facilitation of Theta-Induced Long-Term Potentiation by Brain-Derived Neurotrophic Factor. <i>Journal of Neuroscience</i> , 2004, 24, 5151-5161.	1.7	154
87	Integrins, Synaptic Plasticity and Epileptogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2004, 548, 12-33.	0.8	49
88	Anatomic mapping of neuronal odor responses in the developing rat olfactory bulb. <i>Journal of Comparative Neurology</i> , 2003, 455, 56-71.	0.9	31
89	Septal Modulation of Excitatory Transmission in Hippocampus. <i>Journal of Neurophysiology</i> , 2003, 90, 2358-2366.	0.9	32
90	Integrins regulate neuronal neurotrophin gene expression through effects on voltage-sensitive calcium channels. <i>Neuroscience</i> , 2003, 118, 925-940.	1.1	34

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91	Chronic Elevation of Brain-Derived Neurotrophic Factor by Ampakines. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 297-305.	1.3	126
92	Integrins Modulate Fast Excitatory Transmission at Hippocampal Synapses. <i>Journal of Biological Chemistry</i> , 2003, 278, 10722-10730.	1.6	63
93	Integrins Regulate NMDA Receptor-Mediated Synaptic Currents. <i>Journal of Neurophysiology</i> , 2003, 89, 2874-2878.	0.9	92
94	BDNF and epilepsy: too much of a good thing?. <i>Trends in Neurosciences</i> , 2001, 24, 47-53.	4.2	401
95	Response: BDNF and epilepsy – the bad could turn out to be good. <i>Trends in Neurosciences</i> , 2001, 24, 319.	4.2	2
96	Polarized distribution of $\alpha 5$ integrin in dendrites of hippocampal and cortical neurons. <i>Journal of Comparative Neurology</i> , 2001, 435, 184-193.	0.9	75
97	Odors regulate Arc expression in neuronal ensembles engaged in odor processing. <i>NeuroReport</i> , 2000, 11, 1809-1813.	0.6	37
98	Distribution and Initiation of Seizure Activity in a Rat Brain with Subcortical Band Heterotopia. <i>Epilepsia</i> , 2000, 41, 493-501.	2.6	62
99	Positive Modulation of AMPA Receptors Increases Neurotrophin Expression by Hippocampal and Cortical Neurons. <i>Journal of Neuroscience</i> , 2000, 20, 8-21.	1.7	262
100	Changes in Activating Protein 1 (AP-1) Composition Correspond with the Biphasic Profile of Nerve Growth Factor mRNA Expression in Rat Hippocampus after Hilus Lesion-Induced Seizures. <i>Journal of Neuroscience</i> , 2000, 20, 2142-2149.	1.7	23
101	Integrin Subunit Gene Expression Is Regionally Differentiated in Adult Brain. <i>Journal of Neuroscience</i> , 1999, 19, 1541-1556.	1.7	229
102	Subpopulations of striatal interneurons can be distinguished on the basis of neurotrophic factor expression. <i>Journal of Comparative Neurology</i> , 1999, 408, 283-298.	0.9	43
103	Seizure induced synthesis of fibronectin is rapid and age dependent: implications for long-term potentiation and sprouting. <i>Brain Research</i> , 1998, 812, 209-215.	1.1	44
104	Endogenous protein kinase A inhibitor (PKI?) modulates synaptic activity. , 1998, 53, 269-278.		19
105	Experimentally induced lysosomal dysfunction disrupts processing of hypothalamic releasing factors. <i>Journal of Comparative Neurology</i> , 1998, 401, 382-394.	0.9	7
106	Attenuation of the seizure-induced expression of BDNF mRNA in adult rat brain by an inhibitor of calcium/calmodulin-dependent protein kinases. <i>European Journal of Neuroscience</i> , 1998, 10, 377-387.	1.2	23
107	Transcript-specific effects of adrenalectomy on seizure-induced BDNF expression in rat hippocampus. <i>Molecular Brain Research</i> , 1998, 55, 81-91.	2.5	32
108	Localization and seizure-regulation of integrin $\beta 1$ mRNA in adult rat brain. <i>Molecular Brain Research</i> , 1998, 55, 265-276.	2.5	64

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109	Mapping Brain Networks Engaged by, and Changed by, Learning. <i>Neurobiology of Learning and Memory</i> , 1998, 70, 14-36.	1.0	80
110	Anterograde Transport of Neurotrophin Proteins in the CNS - A Reassessment of the Neurotrophic Hypothesis. <i>Reviews in the Neurosciences</i> , 1998, 9, 91-103.	1.4	55
111	Experimentally induced lysosomal dysfunction disrupts processing of hypothalamic releasing factors. , 1998, 401, 382.		1
112	Induction of brain derived neurotrophic factor mRNA by seizures in neonatal and juvenile rat brain. <i>Molecular Brain Research</i> , 1997, 44, 219-228.	2.5	55
113	Comparison of the effects of an ampakine with those of methamphetamine on aggregate neuronal activity in cortex versus striatum. <i>Molecular Brain Research</i> , 1997, 46, 127-135.	2.5	18
114	In situ hybridization for c-fos mRNA reveals the involvement of the superior colliculus in the propagation of seizure activity in genetically epilepsy-prone rats. <i>Epilepsy Research</i> , 1997, 26, 397-406.	0.8	53
115	Prenatal ontogeny of the epidermal growth factor receptor and its ligand, transforming growth factor alpha, in the rat brain. , 1997, 380, 243-261.		148
116	Stoichiometries of AMPA receptor subunit mRNAs in rat brain fall into discrete categories. , 1997, 385, 491-502.		47
117	Astroglial ciliary neurotrophic factor mRNA expression is increased in fields of axonal sprouting in deafferented hippocampus. <i>Journal of Comparative Neurology</i> , 1997, 386, 137-148.	0.9	60
118	Distribution of Brain-Derived Neurotrophic Factor (BDNF) Protein and mRNA in the Normal Adult Rat CNS: Evidence for Anterograde Axonal Transport. <i>Journal of Neuroscience</i> , 1997, 17, 2295-2313.	1.7	985
119	Differential Effects of Protein Synthesis Inhibition on the Activity-Dependent Expression of BDNF Transcripts: Evidence for Immediate-Early Gene Responses from Specific Promoters. <i>Journal of Neuroscience</i> , 1996, 16, 7428-7436.	1.7	177
120	Relative concentrations and seizure-induced changes in mRNAs encoding three AMPA receptor subunits in hippocampus and cortex. <i>Journal of Comparative Neurology</i> , 1996, 365, 541-555.	0.9	46
121	Acidic fibroblast growth factor mRNA is expressed by basal forebrain and striatal cholinergic neurons. , 1996, 366, 379-389.		20
122	Relative concentrations and seizure-induced changes in mRNAs encoding three AMPA receptor subunits in hippocampus and cortex. , 1996, 365, 541.		6
123	Stable maintenance of glutamate receptors and other synaptic components in long-term hippocampal slices. <i>Hippocampus</i> , 1995, 5, 425-439.	0.9	86
124	Insulin-like growth factor-1 mRNA is increased in deafferented hippocampus: Spatiotemporal correspondence of a trophic event with axon sprouting. <i>Journal of Comparative Neurology</i> , 1995, 352, 147-160.	0.9	125
125	NGF mRNA is expressed by GABAergic but not cholinergic neurons in rat basal forebrain. <i>Journal of Comparative Neurology</i> , 1995, 360, 454-462.	0.9	42
126	BDNF Protein Measured by a Novel Enzyme Immunoassay in Normal Brain and after Seizure: Partial Disagreement with mRNA Levels. <i>European Journal of Neuroscience</i> , 1995, 7, 1527-1535.	1.2	312



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127	Proliferative zones of postnatal rat brain express epidermal growth factor receptor mRNA. <i>Brain Research</i> , 1995, 670, 157-164.	1.1	119
128	Translational suppression of calpain I reduces NMDA-induced spectrin proteolysis and pathophysiology in cultured hippocampal slices. <i>Brain Research</i> , 1995, 694, 147-157.	1.1	59
129	Functional Mapping of Odor-activated Neurons in the Olfactory Bulb. <i>Chemical Senses</i> , 1995, 20, 271-282.	1.1	93
130	Expression of agrin mRNA is altered following seizures in adult rat brain. <i>Molecular Brain Research</i> , 1995, 33, 277-287.	2.5	28
131	Hippocampal epileptogenesis produced by electrolytic iron deposition in the rat dentate gyrus. <i>Epilepsy Research</i> , 1994, 19, 27-36.	0.8	23
132	Dopaminergic neurons in rat ventral midbrain express brain-derived neurotrophic factor and neurotrophin-3 mRNAs. <i>Journal of Comparative Neurology</i> , 1994, 342, 321-334.	0.9	283
133	Ultrastructural plasticity of the dentate gyrus granule cells following recurrent limbic seizures: I. Increase in somatic spines. <i>Hippocampus</i> , 1994, 4, 601-610.	0.9	37
134	Ultrastructural plasticity of the dentate gyrus granule cells following recurrent limbic seizures: II. Alterations in somatic synapses. <i>Hippocampus</i> , 1994, 4, 611-622.	0.9	20
135	Seizure-Induced Increases in NGF mRNA Exhibit Different Time Courses across Forebrain Regions and Are Biphasic in Hippocampus. <i>Experimental Neurology</i> , 1994, 125, 22-40.	2.0	51
136	Interleukin-1 $\beta$ increases basic fibroblast growth factor mRNA expression in adult rat brain and organotypic hippocampal cultures. <i>Molecular Brain Research</i> , 1994, 27, 12-26.	2.5	41
137	Seizures increase basic fibroblast growth factor mRNA in adult rat forebrain neurons and glia. <i>Molecular Brain Research</i> , 1994, 21, 190-205.	2.5	112
138	Cerebral hemidecortication alters expression of transforming growth factor alpha mRNA in the neostriatum of developing rats. <i>Molecular Brain Research</i> , 1994, 21, 107-114.	2.5	44
139	Cellular Localization of NGF and NT-3 mRNAs in Postnatal Rat Forebrain. <i>Molecular and Cellular Neurosciences</i> , 1994, 5, 46-62.	1.0	78
140	Expression of EGF receptor mRNA in rat nigrostriatal system. <i>NeuroReport</i> , 1994, 6, 105-108.	0.6	41
141	Cellular Localization of Transforming Growth Factor- $\beta$ mRNA in Rat Forebrain. <i>Journal of Neurochemistry</i> , 1993, 60, 1777-1782.	2.1	82
142	The inferior colliculus of GEPRs contains greater numbers of cells that express glutamate decarboxylase (GAD67) mRNA. <i>Epilepsy Research</i> , 1993, 14, 105-113.	0.8	49
143	Induction of F1/GAP-43 gene: expression in hippocampal granule cells after seizures. <i>Molecular Brain Research</i> , 1993, 17, 295-299.	2.5	77
144	In situ hybridization localization of choline acetyltransferase mRNA in adult rat brain and spinal cord. <i>Molecular Brain Research</i> , 1993, 17, 59-69.	2.5	95

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145	Nerve growth factor mRNA is expressed by GABAergic neurons in rat hippocampus. <i>NeuroReport</i> , 1993, 5, 273-276.	0.6	63
146	Biphasic response of hippocampal dynorphin expression following recurrent limbic seizure. <i>Molecular and Cellular Neurosciences</i> , 1992, 3, 79-87.	1.0	6
147	Limbic seizures increase cyclophilin mRNA levels in rat hippocampus. <i>Molecular Brain Research</i> , 1992, 14, 139-142.	2.5	16
148	Brain-derived neurotrophic factor and neurotrophin-3 mRNAs are expressed in ventral midbrain regions containing dopaminergic neurons. <i>Molecular and Cellular Neurosciences</i> , 1992, 3, 56-63.	1.0	121
149	Regulation of brain neurotrophin expression by physiological activity. <i>Trends in Pharmacological Sciences</i> , 1992, 13, 401-403.	4.0	74
150	Kainic acid-induced seizures stimulate increased expression of nerve growth factor mRNA in rat hippocampus. <i>Molecular Brain Research</i> , 1991, 9, 113-123.	2.5	273
151	BDNF mRNA expression is increased in adult rat forebrain after limbic seizures: Temporal patterns of induction distinct from NGF. <i>Neuron</i> , 1991, 6, 937-948.	3.8	676
152	Nerve growth factor mRNA-containing cells are distributed within regions of cholinergic neurons in the rat basal forebrain. <i>Journal of Comparative Neurology</i> , 1991, 306, 439-446.	0.9	83
153	Differential expression of mRNAs for the NGF family of neurotrophic factors in the adult rat central olfactory system. <i>Journal of Comparative Neurology</i> , 1991, 313, 95-102.	0.9	89
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