Stefano Vicini

List of Publications by Year
in descending order

147 papers	10,822 citations	31976 53 h-index	32842 100 g-index
149 all docs	149 docs citations	149 times ranked	9055 citing authors

#	Article	IF	Citations
1	Brainstem Neuronal Circuitries Controlling Gastric Tonic and Phasic Contractions: A Review. Cellular and Molecular Neurobiology, 2021, , 1.	3.3	11
2	High-frequency head impact causes chronic synaptic adaptation and long-term cognitive impairment in mice. Nature Communications, 2021, 12, 2613.	12.8	29
3	Somatostatin Neurons in the Mouse Pontine Nucleus Activate GABAA Receptor Mediated Synaptic Currents in Locus Coeruleus Neurons. Frontiers in Synaptic Neuroscience, 2021, 13, 754786.	2.5	0
4	High-Frequency Head Impact Disrupts Hippocampal Neural Ensemble Dynamics. Frontiers in Cellular Neuroscience, 2021, 15, 763423.	3.7	1
5	Inhibitory Parvalbumin Basket Cell Activity is Selectively Reduced during Hippocampal Sharp Wave Ripples in a Mouse Model of Familial Alzheimer's Disease. Journal of Neuroscience, 2020, 40, 5116-5136.	3.6	47
6	GABAB Receptor Signaling in the Dorsal Motor Nucleus of the Vagus Stimulates Gastric Motility via a Cholinergic Pathway. Frontiers in Neuroscience, 2019, 13, 967.	2.8	6
7	Measuring Sharp Waves and Oscillatory Population Activity With the Genetically Encoded Calcium Indicator GCaMP6f. Frontiers in Cellular Neuroscience, 2019, 13, 274.	3.7	34
8	Electroconvulsive Shock Enhances Responsive Motility and Purinergic Currents in Microglia in the Mouse Hippocampus. ENeuro, 2019, 6, ENEURO.0056-19.2019.	1.9	8
9	Neonatal phenobarbital exposure disrupts <scp>GABA</scp>ergic synaptic maturation in rat <scp>CA</scp>1 neurons. Epilepsia, 2018, 59, 333-344.	5.1	32
10	Disruption of perineuronal nets increases the frequency of sharp wave ripple events. Hippocampus, 2018, 28, 42-52.	1.9	40
11	Kappa opioid receptors regulate hippocampal synaptic homeostasis and epileptogenesis. Epilepsia, 2018, 59, 106-122.	5.1	11
12	MMP-1 overexpression selectively alters inhibition in D1 spiny projection neurons in the mouse nucleus accumbens core. Scientific Reports, 2018, 8, 16230.	3.3	1
13	Pacing Hippocampal Sharp-Wave Ripples With Weak Electric Stimulation. Frontiers in Neuroscience, 2018, 12, 164.	2.8	12
14	Differential electrophysiological properties of D1 and D2 spiny projection neurons in the mouse nucleus accumbens core. Physiological Reports, 2018, 6, e13784.	1.7	21
15	Loss of CLOCK Results in Dysfunction of Brain Circuits Underlying Focal Epilepsy. Neuron, 2017, 96, 387-401.e6.	8.1	66
16	Inflammation alters AMPAâ€stimulated calcium responses in dorsal striatal D2 but not D1 spiny projection neurons. European Journal of Neuroscience, 2017, 46, 2519-2533.	2.6	7
17	Dopamine increases <scp>NMDA</scp>â€stimulated calcium flux in striatopallidal neurons through a matrix metalloproteinaseâ€dependent mechanism. European Journal of Neuroscience, 2016, 43, 194-203.	2.6	10
18	Optogenetic and pharmacological evidence that somatostatinâ€GABA neurons are important regulators of parasympathetic outflow to the stomach. Journal of Physiology, 2016, 594, 2661-2679.	2.9	15

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19	Stress increases GABAergic neurotransmission in CRF neurons of the central amygdala and bed nucleus stria terminalis. Neuropharmacology, 2016, 107, 239-250.	4.1	70
20	Evidence for glycinergic GluN1/GluN3 NMDA receptors in hippocampal metaplasticity. Neurobiology of Learning and Memory, 2015, 125, 265-273.	1.9	11
21	Hilar Somatostatin Interneurons Contribute to Synchronized GABA Activity in an In Vitro Epilepsy Model. PLoS ONE, 2014, 9, e86250.	2.5	15
22	Contrasting actions of group I metabotropic glutamate receptors in distinct mouse striatal neurones. Journal of Physiology, 2014, 592, 2721-2733.	2.9	15
23	EphA7 signaling guides cortical dendritic development and spine maturation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4994-4999.	7.1	35
24	Distinct Roles for Somatically and Dendritically Synthesized Brain-Derived Neurotrophic Factor in Morphogenesis of Dendritic Spines. Journal of Neuroscience, 2013, 33, 11618-11632.	3.6	76
25	Melanocortin Signaling in the Brainstem Influences Vagal Outflow to the Stomach. Journal of Neuroscience, 2013, 33, 13286-13299.	3.6	24
26	Mossy Fiber-CA3 Synapses Mediate Homeostatic Plasticity in Mature Hippocampal Neurons. Neuron, 2013, 77, 99-114.	8.1	74
27	Direct and GABAâ€mediated indirect effects of nicotinic ACh receptor agonists on striatal neurones. Journal of Physiology, 2013, 591, 203-217.	2.9	56
28	Therapeutic brain hypothermia, its mechanisms of action, and its prospects as a treatment for epilepsy. Epilepsia, 2013, 54, 959-970.	5.1	44
29	Dopamine D2 Receptors Regulate Collateral Inhibition between Striatal Medium Spiny Neurons. Journal of Neuroscience, 2013, 33, 14075-14086.	3.6	40
30	Inhibitory collaterals in genetically identified medium spiny neurons in mouse primary corticostriatal cultures. Physiological Reports, 2013, 1, e00164.	1.7	7
31	Soluble ICAM-5, a Product of Activity Dependent Proteolysis, Increases mEPSC Frequency and Dendritic Expression of GluA1. PLoS ONE, 2013, 8, e69136.	2.5	38
32	Distinct roles of synaptic and extrasynaptic GABAAreceptors in striatal inhibition dynamics. Frontiers in Neural Circuits, 2013, 7, 186.	2.8	19
33	Tonic GABA_A receptor conductance in medial subnucleus of the tractus solitarius neurons is inhibited by activation of Î¼-opioid receptors. Journal of Neurophysiology, 2012, 107, 1022-1031.	1.8	18
34	Hippocampal neuron firing and local field potentials in the in vitro 4-aminopyridine epilepsy model. Journal of Neurophysiology, 2012, 108, 2568-2580.	1.8	24
35	Cell Type-Specific Properties of Subicular GABAergic Currents Shape Hippocampal Output Firing Mode. PLoS ONE, 2012, 7, e50241.	2.5	10
36	Neonatal exposure to antiepileptic drugs disrupts striatal synaptic development. Annals of Neurology, 2012, 72, 363-372.	5.3	123

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37	Cellular Mechanisms of Desynchronizing Effects of Hypothermia in an In Vitro Epilepsy Model. Neurotherapeutics, 2012, 9, 199-209.	4.4	24
38	The FGIN period: Electrophysiological studies. Pharmacological Research, 2011, 64, 316-318.	7.1	0
39	11-Deoxycortisol impedes GABAergic neurotransmission and induces drug-resistant status epilepticus in mice. Neuropharmacology, 2011, 60, 1098-1108.	4.1	10
40	The 4-aminopyridine in vitro epilepsy model analyzed with a perforated multi-electrode array. Neuropharmacology, 2011, 60, 1142-1153.	4.1	54
41	GABAA Receptor Î²3 Subunit Expression Regulates Tonic Current in Developing Striatopallidal Medium Spiny Neurons. Frontiers in Cellular Neuroscience, 2011, 5, 15.	3.7	30
42	Differential Regulation of the Postsynaptic Clustering of Î³-Aminobutyric Acid Type A (GABAA) Receptors by Collybistin Isoforms. Journal of Biological Chemistry, 2011, 286, 22456-22468.	3.4	44
43	Endogenous N-Acetylaspartylglutamate (NAAG) Inhibits Synaptic Plasticity/Transmission in the Amygdala in a Mouse Inflammatory Pain Model. Molecular Pain, 2010, 6, 1744-8069-6-60.	2.1	67
44	Flotillinâ€1 promotes formation of glutamatergic synapses in hippocampal neurons. Developmental Neurobiology, 2010, 70, 875-883.	3.0	31
45	Therapeutic strategies to avoid longâ€term adverse outcomes of neonatal antiepileptic drug exposure. Epilepsia, 2010, 51, 18-23.	5.1	27
46	Î±â€Synuclein mediates alterations in membrane conductance: a potential role for Î±â€synuclein oligomers in cell vulnerability. European Journal of Neuroscience, 2010, 32, 10-17.	2.6	65
47	Axonal Î±7 nicotinic ACh receptors modulate presynaptic NMDA receptor expression and structural plasticity of glutamatergic presynaptic boutons. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16661-16666.	7.1	67
48	Acetylsalicylic acid enhances purinergic receptor-mediated outward currents in rat megakaryocytes. American Journal of Physiology - Cell Physiology, 2010, 298, C602-C610.	4.6	3
49	Flotillin-1 mediates neurite branching induced by synaptic adhesion-like molecule 4 in hippocampal neurons. Molecular and Cellular Neurosciences, 2010, 45, 213-225.	2.2	21
50	Dopamine Modulation of GABA Tonic Conductance in Striatal Output Neurons. Journal of Neuroscience, 2009, 29, 5116-5126.	3.6	68
51	The Effects of Amyloid Precursor Protein on Postsynaptic Composition and Activity. Journal of Biological Chemistry, 2009, 284, 8495-8506.	3.4	101
52	Excitatory and Inhibitory Synapses in Neuropeptide Yâ€"Expressing Striatal Interneurons. Journal of Neurophysiology, 2009, 102, 3038-3045.	1.8	40
53	Neuroligin-2 accelerates GABAergic synapse maturation in cerebellar granule cells. Molecular and Cellular Neurosciences, 2009, 42, 45-55.	2.2	33
54	SynCAM1 recruits NMDA receptors via Protein 4.1B. Molecular and Cellular Neurosciences, 2009, 42, 466-483.	2.2	48

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55	The role of GABA and glutamate on adult neurogenesis. Journal of Physiology, 2008, 586, 3737-3738.	2.9	18
56	Altered GABAergic neurotransmission is associated with increased kainate-induced seizure in prostaglandin-endoperoxide synthase-2 deficient mice. Brain Research Bulletin, 2008, 75, 598-609.	3.0	28
57	Differential Tonic GABA Conductances in Striatal Medium Spiny Neurons. Journal of Neuroscience, 2008, 28, 1185-1197.	3.6	143
58	The Role of the PDZ Protein GIPC in Regulating NMDA Receptor Trafficking. Journal of Neuroscience, 2007, 27, 11663-11675.	3.6	53
59	Presynaptic AMPA and kainate receptors increase the size of GABAergic terminals and enhance GABA release. Neuropharmacology, 2007, 52, 1631-1640.	4.1	8
60	Long-Lasting NMDA Receptor-Mediated EPSCs in Mouse Striatal Medium Spiny Neurons. Journal of Neurophysiology, 2007, 98, 2693-2704.	1.8	42
61	Labeling of dendritic spines with the carbocyanine dye DiI for confocal microscopic imaging in lightly fixed cortical slices. Journal of Neuroscience Methods, 2007, 162, 237-243.	2.5	64
62	Desensitization and binding properties determine distinct Î±1Î²2Î³2 and Î±3Î²2Î³2 GABAA receptor-channel kinetic behavior. European Journal of Neuroscience, 2007, 25, 2726-2740.	2.6	50
63	GABAergic currents in RT and VB thalamic nuclei follow kinetic pattern of Î±3â€•and Î±1â€subunitâ€containing GABA_A receptors. European Journal of Neuroscience, 2007, 26, 657-665.	2.6	16
64	Remodeling of synaptic structures in the motor cortex following spinal cord injury. Experimental Neurology, 2006, 198, 401-415.	4.1	135
65	NMDA Receptor Subtypes at Autaptic Synapses of Cerebellar Granule Neurons. Journal of Neurophysiology, 2006, 96, 2282-2294.	1.8	39
66	Termination of epileptiform activity by cooling in rat hippocampal slice epilepsy models. Epilepsy Research, 2006, 70, 200-210.	1.6	49
67	Apolipoprotein E Receptor 2 Interactions with the N-Methyl-D-aspartate Receptor. Journal of Biological Chemistry, 2006, 281, 3425-3431.	3.4	82
68	Deletion of the GABAA Receptor Â1 Subunit Increases Tonic GABAA Receptor Current: A Role for GABA Uptake Transporters. Journal of Neuroscience, 2006, 26, 9323-9331.	3.6	55
69	Phenotypic Changes in NG2+ Cells after Spinal Cord Injury. Journal of Neurotrauma, 2006, 23, 1726-1738.	3.4	28
70	FE65 Interaction with the ApoE Receptor ApoEr2. Journal of Biological Chemistry, 2006, 281, 24521-24530.	3.4	65
71	The Pheromone Androstenol (5Î±-Androst-16-en-3Î±-ol) Is a Neurosteroid Positive Modulator of GABAA Receptors. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 694-703.	2.5	31
72	Deletion of the NR2A subunit prevents developmental changes of NMDA-mEPSCs in cultured mouse cerebellar granule neurones. Journal of Physiology, 2005, 563, 867-881.	2.9	34

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73	GABA Comes First to Newly Generated Neurons. Focus on â€œGABAergic Signal to Newborn Neurons in Dentate Gyrusâ€ Journal of Neurophysiology, 2005, 94, 3661-3661.	1.8	2
74	NMDA Receptors Increase the Size of GABAergic Terminals and Enhance GABA Release. Journal of Neuroscience, 2005, 25, 2024-2031.	3.6	58
75	Developmental Changes of GABA Synaptic Transient in Cerebellar Granule Cells. Molecular Pharmacology, 2005, 67, 1221-1228.	2.3	25
76	The Synaptic Localization of NR2B-Containing NMDA Receptors Is Controlled by Interactions with PDZ Proteins and AP-2. Neuron, 2005, 47, 845-857.	8.1	326
77	A Cerebellar Synapse for â€œHeavy Dutyâ€Transmission. Biophysical Journal, 2005, 88, 1505-1506.	0.5	0
78	Expression of Distinct Î± Subunits of GABA_AReceptor Regulates Inhibitory Synaptic Strength. Journal of Neurophysiology, 2004, 92, 1718-1727.	1.8	79
79	The Nicotinic Receptor in the Rat Pineal Gland Is an Î±3Î²4 Subtype. Molecular Pharmacology, 2004, 66, 978-987.	2.3	37
80	NAAG peptidase inhibition reduces locomotor activity and some stereotypes in the PCP model of schizophrenia via group II mGluR. Journal of Neurochemistry, 2004, 89, 876-885.	3.9	133
81	Genetic manipulations of GABAA receptor in mice make inhibition exciting. , 2004, 103, 109-120.		47
82	Repeated electroconvulsive stimulation impairs long-term depression in the neostriatum. Biological Psychiatry, 2004, 55, 472-476.	1.3	15
83	NAAG fails to antagonize synaptic and extrasynaptic NMDA receptors in cerebellar granule neurons. Neuropharmacology, 2004, 46, 490-496.	4.1	40
84	GABAâ€induced neurite outgrowth of cerebellar granule cells is mediated by GABA_A receptor activation, calcium influx and CaMKII and erk1/2 pathways. Journal of Neurochemistry, 2003, 84, 1411-1420.	3.9	65
85	NMDA receptor trafficking through an interaction between PDZ proteins and the exocyst complex. Nature Cell Biology, 2003, 5, 520-530.	10.3	283
86	GABAA Receptor Î²3 Subunit Deletion Decreases Î±2/3 Subunits and IPSC Duration. Journal of Neurophysiology, 2003, 89, 128-134.	1.8	53
87	Functional Excitatory Synapses in HEK293 Cells Expressing Neuroligin and Glutamate Receptors. Journal of Neurophysiology, 2003, 90, 3950-3957.	1.8	94
88	PSD-95 regulates NMDA receptors in developing cerebellar granule neurons of the rat. Journal of Physiology, 2003, 548, 21-29.	2.9	72
89	THDOC and the GABAA Receptor. Frontiers in Neuroscience, 2003, , .	0.0	1
90	Association of NR3A with the<i>N</i>-Methyl-d-aspartate Receptor NR1 and NR2 Subunits. Molecular Pharmacology, 2002, 62, 1119-1127.	2.3	68

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91	Functional expression of distinct NMDA channel subunits tagged with green fluorescent protein in hippocampal neurons in culture. Neuropharmacology, 2002, 42, 306-318.	4.1	82
92	GABAA receptor Î´ subunit deletion prevents neurosteroid modulation of inhibitory synaptic currents in cerebellar neurons. Neuropharmacology, 2002, 43, 646-650.	4.1	74
93	Silent Synapses in Developing Cerebellar Granule Neurons. Journal of Neurophysiology, 2002, 87, 1263-1270.	1.8	52
94	Relationship between Availability of NMDA Receptor Subunits and Their Expression at the Synapse. Journal of Neuroscience, 2002, 22, 8902-8910.	3.6	134
95	Neuronal and glial mGluR5 modulation prevents stretch-induced enhancement of NMDA receptor current. Pharmacology Biochemistry and Behavior, 2002, 73, 287-298.	2.9	54
96	Increased Exon 5 Expression Alters Extrasynaptic NMDA Receptors in Cerebellar Neurons. Journal of Neurochemistry, 2002, 75, 1140-1146.	3.9	25
97	Kainate-induced excitotoxicity is dependent upon extracellular potassium concentrations that regulate the activity of AMPA/KA type glutamate receptors. Journal of Neurochemistry, 2002, 83, 934-945.	3.9	16
98	Chronic Dizocilpine (MK-801) Reversibly Delays GABAA Receptor Maturation in Cerebellar Granule Neurons In Vitro. Journal of Neurochemistry, 2002, 71, 693-704.	3.9	15
99	Nicotinic ACH receptor subtypes on gastrointestinally projecting neurones in the dorsal motor vagal nucleus of the rat. Journal of Physiology, 2002, 545, 1007-1016.	2.9	13
100	Exacerbation of Neuronal Cell Death by Activation of Group I Metabotropic Glutamate Receptors: Role of NMDA Receptors and Arachidonic Acid Release. Experimental Neurology, 2001, 169, 449-460.	4.1	29
101	Ribozyme-mediated reduction of the GABAA receptor Î±1 subunit. Molecular Brain Research, 2001, 92, 149-156.	2.3	1
102	Distinct effect of pregnenolone sulfate on NMDA receptor subtypes. Neuropharmacology, 2001, 40, 491-500.	4.1	40
103	Cytosolic Calcium Oscillations in Astrocytes May Regulate Exocytotic Release of Glutamate. Journal of Neuroscience, 2001, 21, 477-484.	3.6	264
104	Interleukin-10 Prevents Glutamate-Mediated Cerebellar Granule Cell Death by Blocking Caspase-3-Like Activity. Journal of Neuroscience, 2001, 21, 3104-3112.	3.6	172
105	GABA_AReceptor Î±1 Subunit Deletion Prevents Developmental Changes of Inhibitory Synaptic Currents in Cerebellar Neurons. Journal of Neuroscience, 2001, 21, 3009-3016.	3.6	297
106	Nitroxyl anion regulation of the NMDA receptor. Journal of Neurochemistry, 2001, 78, 1126-1134.	3.9	42
107	Selective mGluR5 antagonists MPEP and SIB-1893 decrease NMDA or glutamate-mediated neuronal toxicity through actions that reflect NMDA receptor antagonism. British Journal of Pharmacology, 2000, 131, 1429-1437.	5.4	179
108	A slow NMDA channel: in search of a role. Journal of Physiology, 2000, 525, 283-283.	2.9	13

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109	Exon 5 and Spermine Regulate Deactivation of NMDA Receptor Subtypes. Journal of Neurophysiology, 2000, 83, 1300-1306.	1.8	90
110	The gamma -aminobutyric acid type A (GABAA) receptor-associated protein (GABARAP) promotes GABAA receptor clustering and modulates the channel kinetics. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 11557-11562.	7.1	194
111	Analysis of GABAA Receptor Assembly in Mammalian Cell Lines and Hippocampal Neurons Using Î³2 Subunit Green Fluorescent Protein Chimeras. Molecular and Cellular Neurosciences, 2000, 16, 440-452.	2.2	71
112	Hypoxia modulates nitric oxide-induced regulation of NMDA receptor currents and neuronal cell death. American Journal of Physiology - Cell Physiology, 1999, 277, C673-C683.	4.6	44
113	Distinct Synaptic and Extrasynaptic NMDA Receptors in Developing Cerebellar Granule Neurons. Journal of Neuroscience, 1999, 19, 10603-10610.	3.6	215
114	New perspectives in the functional role of GABAa channel heterogeneity. Molecular Neurobiology, 1999, 19, 97-110.	4.0	34
115	Increased contribution of NR2A subunit to synaptic NMDA receptors in developing rat cortical neurons. Journal of Physiology, 1998, 507, 13-24.	2.9	310
116	Lanthanum-mediated modification of GABAAreceptor deactivation, desensitization and inhibitory synaptic currents in rat cerebellar neurons. Journal of Physiology, 1998, 511, 647-661.	2.9	29
117	Developmental changes in localization of NMDA receptor subunits in primary cultures of cortical neurons. European Journal of Neuroscience, 1998, 10, 1704-1715.	2.6	167
118	Functional and Pharmacological Differences Between Recombinant<i>N</i>-Methyl-<scp>d</scp>-Aspartate Receptors. Journal of Neurophysiology, 1998, 79, 555-566.	1.8	585
119	Nicotinic receptor mediates spontaneous GABA release in the rat dorsal motor nucleus of the vagus. Neuroscience, 1997, 79, 671-681.	2.3	43
120	Neurosteroid Prolongs GABA_AChannel Deactivation by Altering Kinetics of Desensitized States. Journal of Neuroscience, 1997, 17, 4022-4031.	3.6	158
121	<i>N</i>â€Acetylaspartylglutamate Stimulates Metabotropic Glutamate Receptor 3 to Regulate Expression of the GABA_AÎ±6 Subunit in Cerebellar Granule Cells. Journal of Neurochemistry, 1997, 69, 2326-2335.	3.9	37
122	Distinct Deactivation and Desensitization Kinetics of Recombinant GABA A Receptors. Neuropharmacology, 1996, 35, 1375-1382.	4.1	109
123	Î´ Subunit Inhibits Neurosteroid Modulation of GABAAReceptors. Journal of Neuroscience, 1996, 16, 6648-6656.	3.6	149
124	Developmental Changes of Inhibitory Synaptic Currents in Cerebellar Granule Neurons: Role of GABA_AReceptor Î±6 Subunit. Journal of Neuroscience, 1996, 16, 3630-3640.	3.6	207
125	Regional and Ontogenic Expression of the NMDA Receptor Subunit NR2D Protein in Rat Brain Using a Subunitâ€Specific Antibody. Journal of Neurochemistry, 1996, 67, 2335-2345.	3.9	123
126	Characterization of NMDA Receptor Subunitâ€Specific Antibodies: Distribution of NR2A and NR2B Receptor Subunits in Rat Brain and Ontogenic Profile in the Cerebellum. Journal of Neurochemistry, 1995, 65, 176-183.	3.9	147

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127	Mechanism of early anoxia-induced suppression of the GABAA-mediated inhibitory postsynaptic current. Journal of Neurophysiology, 1994, 71, 1128-1138.	1.8	50
128	Functional diversity of GABA activated Clâˆ’ currents in Purkinje versus granule neurons in rat cerebellar slices. Neuron, 1994, 12, 117-126.	8.1	136
129	Changes in gamma-aminobutyrate type A receptor subunit mRNAs, translation product expression, and receptor function during neuronal maturation in vitro.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 10952-10956.	7.1	52
130	Analysis by Polymerase Chain Reaction of Î±1 and Î±6 GABA_A Receptor Subunit mRNAs in Individual Cerebellar Neurons After Wholeâ€Cell Recordings. Journal of Neurochemistry, 1994, 63, 2357-2360.	3.9	30
131	Triazolam is more efficacious than diazepam in a broad spectrum of recombinant GABAA receptors. European Journal of Pharmacology, 1993, 244, 29-35.	2.6	52
132	Molecular mechanisms of the partial allosteric modulatory effects of bretazenil at gamma-aminobutyric acid type A receptor.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 3620-3624.	7.1	72
133	The third gamma subunit of the gamma-aminobutyric acid type A receptor family.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 1433-1437.	7.1	108
134	Activity-Dependent Decrease in NMDA Receptor Responses During Development of the Visual Cortex. Science, 1992, 258, 1007-1011.	12.6	674
135	Slower spontaneous excitatory postsynaptic currents in spiny versus aspiny hilar neurons. Neuron, 1992, 8, 745-755.	8.1	56
136	Allosteric modulators of the nmda receptor affect excitatory postsynaptic currents in the rat hippocampus. Pharmacological Research, 1990, 22, 492.	7.1	0
137	Neurosteroids act on recombinant human GABAA receptors. Neuron, 1990, 4, 759-765.	8.1	518
138	Pregnenolone sulfate antagonizes GABAA receptor-mediated currents via a reduction of channel opening frequency. Brain Research, 1989, 489, 190-194.	2.2	190
139	Differences in the negative allosteric modulation of gamma-aminobutyric acid receptors elicited by 4'-chlorodiazepam and by a beta-carboline-3-carboxylate ester: a study with natural and reconstituted receptors.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 7275-7279.	7.1	48
140	Embryonic acetylcholine receptors guarantee spontaneous contractions in rat developing muscle. Nature, 1988, 335, 66-68.	27.8	78
141	Neurosteroid pregnenolone sulfate antagonizes electrophysiological responses to GABA in neurons. Neuroscience Letters, 1988, 90, 279-284.	2.1	258
142	Phencyclidine and glycine modulate NMDA-activated high conductance cationic channels by acting at different sites. Neuroscience Letters, 1988, 84, 351-355.	2.1	45
143	Signals Transduced by ?-Aminobutyric Acid in Cultured Central Nervous System Neurons and Thyrotropin Releasing Hormone in Clonal Pituitary Cells. Annals of the New York Academy of Sciences, 1987, 494, 1-37.	3.8	10
144	Functional Inhibition of Acetylcholine Receptors by Antibodies in Myasthenic Sera. Annals of the New York Academy of Sciences, 1987, 505, 272-285.	3.8	5

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145	Modulation of gamma-aminobutyric acid-mediated inhibitory synaptic currents in dissociated cortical cell cultures.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 9269-9273.	7.1	59
146	Myasthenic serum selectively blocks acetylcholine receptors with long channel open times at developing rat endplates.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 2533-2537.	7.1	41
147	Interactions between brainstem neurons that regulate the motility to the stomach. Journal of Neuroscience, 0, , JN-RM-0419-22.	3.6	3