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	Activity-Dependent Decrease in NMDA Receptor Responses During Development of the Visual Cortex. Science, 1992, 258, 1007-1011.	12.6	674
2	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
3	Neurosteroids act on recombinant human GABAA receptors. Neuron, 1990, 4, 759-765.	8.1	518
4	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
5	Increased contribution of NR2A subunit to synaptic NMDA receptors in developing rat cortical neurons. Journal of Physiology, 1998, 507, 13-24.	2.9	310
6	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
7	NMDA receptor trafficking through an interaction between PDZ proteins and the exocyst complex. Nature Cell Biology, 2003, 5, 520-530.	10.3	283
8	Cytosolic Calcium Oscillations in Astrocytes May Regulate Exocytotic Release of Glutamate. Journal of Neuroscience, 2001, 21, 477-484.	3.6	264
9	Neurosteroid pregnenolone sulfate antagonizes electrophysiological responses to GABA in neurons. Neuroscience Letters, 1988, 90, 279-284.	2.1	258
10	Distinct Synaptic and Extrasynaptic NMDA Receptors in Developing Cerebellar Granule Neurons. Journal of Neuroscience, 1999, 19, 10603-10610.	3.6	215
11	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
12	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
13	Pregnenolone sulfate antagonizes GABAA receptor-mediated currents via a reduction of channel opening frequency. Brain Research, 1989, 489, 190-194.	2.2	190
14	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
15	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
16	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
17	Neurosteroid Prolongs GABA_AChannel Deactivation by Altering Kinetics of Desensitized States. Journal of Neuroscience, 1997, 17, 4022-4031.	3.6	158
18	Î´ Subunit Inhibits Neurosteroid Modulation of GABAAReceptors. Journal of Neuroscience, 1996, 16, 6648-6656.	3.6	149

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19	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
20	Differential Tonic GABA Conductances in Striatal Medium Spiny Neurons. Journal of Neuroscience, 2008, 28, 1185-1197.	3.6	143
21	Functional diversity of GABA activated Clâˆ' currents in Purkinje versus granule neurons in rat cerebellar slices. Neuron, 1994, 12, 117-126.	8.1	136
22	Remodeling of synaptic structures in the motor cortex following spinal cord injury. Experimental Neurology, 2006, 198, 401-415.	4.1	135
23	Relationship between Availability of NMDA Receptor Subunits and Their Expression at the Synapse. Journal of Neuroscience, 2002, 22, 8902-8910.	3.6	134
24	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
25	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
26	Neonatal exposure to antiepileptic drugs disrupts striatal synaptic development. Annals of Neurology, 2012, 72, 363-372.	5.3	123
27	Distinct Deactivation and Desensitization Kinetics of Recombinant GABA A Receptors. Neuropharmacology, 1996, 35, 1375-1382.	4.1	109
28	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
29	The Effects of Amyloid Precursor Protein on Postsynaptic Composition and Activity. Journal of Biological Chemistry, 2009, 284, 8495-8506.	3.4	101
30	Functional Excitatory Synapses in HEK293 Cells Expressing Neuroligin and Glutamate Receptors. Journal of Neurophysiology, 2003, 90, 3950-3957.	1.8	94
31	Exon 5 and Spermine Regulate Deactivation of NMDA Receptor Subtypes. Journal of Neurophysiology, 2000, 83, 1300-1306.	1.8	90
32	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
33	Apolipoprotein E Receptor 2 Interactions with the N-Methyl-D-aspartate Receptor. Journal of Biological Chemistry, 2006, 281, 3425-3431.	3.4	82
34	Expression of Distinct Î± Subunits of GABA_AReceptor Regulates Inhibitory Synaptic Strength. Journal of Neurophysiology, 2004, 92, 1718-1727.	1.8	79
35	Embryonic acetylcholine receptors guarantee spontaneous contractions in rat developing muscle. Nature, 1988, 335, 66-68.	27.8	78
36	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

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37	GABAA receptor Î´ subunit deletion prevents neurosteroid modulation of inhibitory synaptic currents in cerebellar neurons. Neuropharmacology, 2002, 43, 646-650.	4.1	74
38	Mossy Fiber-CA3 Synapses Mediate Homeostatic Plasticity in Mature Hippocampal Neurons. Neuron, 2013, 77, 99-114.	8.1	74
39	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
40	PSD-95 regulates NMDA receptors in developing cerebellar granule neurons of the rat. Journal of Physiology, 2003, 548, 21-29.	2.9	72
41	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
42	Stress increases GABAergic neurotransmission in CRF neurons of the central amygdala and bed nucleus stria terminalis. Neuropharmacology, 2016, 107, 239-250.	4.1	70
43	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
44	Dopamine Modulation of GABA Tonic Conductance in Striatal Output Neurons. Journal of Neuroscience, 2009, 29, 5116-5126.	3.6	68
45	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
46	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
47	Loss of CLOCK Results in Dysfunction of Brain Circuits Underlying Focal Epilepsy. Neuron, 2017, 96, 387-401.e6.	8.1	66
48	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
49	FE65 Interaction with the ApoE Receptor ApoEr2. Journal of Biological Chemistry, 2006, 281, 24521-24530.	3.4	65
50	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
51	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
52	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
53	NMDA Receptors Increase the Size of GABAergic Terminals and Enhance GABA Release. Journal of Neuroscience, 2005, 25, 2024-2031.	3.6	58
54	Slower spontaneous excitatory postsynaptic currents in spiny versus aspiny hilar neurons. Neuron, 1992, 8, 745-755.	8.1	56

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55	Direct and GABAâ€mediated indirect effects of nicotinic ACh receptor agonists on striatal neurones. Journal of Physiology, 2013, 591, 203-217.	2.9	56
56	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
57	Neuronal and glial mGluR5 modulation prevents stretch-induced enhancement of NMDA receptor current. Pharmacology Biochemistry and Behavior, 2002, 73, 287-298.	2.9	54
58	The 4-aminopyridine in vitro epilepsy model analyzed with a perforated multi-electrode array. Neuropharmacology, 2011, 60, 1142-1153.	4.1	54
59	GABAA Receptor Î²3 Subunit Deletion Decreases Î±2/3 Subunits and IPSC Duration. Journal of Neurophysiology, 2003, 89, 128-134.	1.8	53
60	The Role of the PDZ Protein GIPC in Regulating NMDA Receptor Trafficking. Journal of Neuroscience, 2007, 27, 11663-11675.	3.6	53
61	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
62	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
63	Silent Synapses in Developing Cerebellar Granule Neurons. Journal of Neurophysiology, 2002, 87, 1263-1270.	1.8	52
64	Mechanism of early anoxia-induced suppression of the GABAA-mediated inhibitory postsynaptic current. Journal of Neurophysiology, 1994, 71, 1128-1138.	1.8	50
65	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
66	Termination of epileptiform activity by cooling in rat hippocampal slice epilepsy models. Epilepsy Research, 2006, 70, 200-210.	1.6	49
67	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
68	SynCAM1 recruits NMDA receptors via Protein 4.1B. Molecular and Cellular Neurosciences, 2009, 42, 466-483.	2.2	48
69	Genetic manipulations of GABAA receptor in mice make inhibition exciting. , 2004, 103, 109-120.		47
70	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
71	Phencyclidine and glycine modulate NMDA-activated high conductance cationic channels by acting at different sites. Neuroscience Letters, 1988, 84, 351-355.	2.1	45
72	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

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73	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
74	Therapeutic brain hypothermia, its mechanisms of action, and its prospects as a treatment for epilepsy. Epilepsia, 2013, 54, 959-970.	5.1	44
75	Nicotinic receptor mediates spontaneous GABA release in the rat dorsal motor nucleus of the vagus. Neuroscience, 1997, 79, 671-681.	2.3	43
76	Nitroxyl anion regulation of the NMDA receptor. Journal of Neurochemistry, 2001, 78, 1126-1134.	3.9	42
77	Long-Lasting NMDA Receptor-Mediated EPSCs in Mouse Striatal Medium Spiny Neurons. Journal of Neurophysiology, 2007, 98, 2693-2704.	1.8	42
78	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
79	Distinct effect of pregnenolone sulfate on NMDA receptor subtypes. Neuropharmacology, 2001, 40, 491-500.	4.1	40
80	NAAG fails to antagonize synaptic and extrasynaptic NMDA receptors in cerebellar granule neurons. Neuropharmacology, 2004, 46, 490-496.	4.1	40
81	Excitatory and Inhibitory Synapses in Neuropeptide Yâ€“Expressing Striatal Interneurons. Journal of Neurophysiology, 2009, 102, 3038-3045.	1.8	40
82	Dopamine D2 Receptors Regulate Collateral Inhibition between Striatal Medium Spiny Neurons. Journal of Neuroscience, 2013, 33, 14075-14086.	3.6	40
83	Disruption of perineuronal nets increases the frequency of sharp wave ripple events. Hippocampus, 2018, 28, 42-52.	1.9	40
84	NMDA Receptor Subtypes at Autaptic Synapses of Cerebellar Granule Neurons. Journal of Neurophysiology, 2006, 96, 2282-2294.	1.8	39
85	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
86	<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
87	The Nicotinic Receptor in the Rat Pineal Gland Is an Î±3Î²4 Subtype. Molecular Pharmacology, 2004, 66, 978-987.	2.3	37
88	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
89	New perspectives in the functional role of GABAa channel heterogeneity. Molecular Neurobiology, 1999, 19, 97-110.	4.0	34
90	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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91	Measuring Sharp Waves and Oscillatory Population Activity With the Genetically Encoded Calcium Indicator GCaMP6f. Frontiers in Cellular Neuroscience, 2019, 13, 274.	3.7	34
92	Neuroligin-2 accelerates GABAergic synapse maturation in cerebellar granule cells. Molecular and Cellular Neurosciences, 2009, 42, 45-55.	2.2	33
93	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
94	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
95	Flotillinâ€1 promotes formation of glutamatergic synapses in hippocampal neurons. Developmental Neurobiology, 2010, 70, 875-883.	3.0	31
96	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
97	GABAA Receptor Î²3 Subunit Expression Regulates Tonic Current in Developing Striatopallidal Medium Spiny Neurons. Frontiers in Cellular Neuroscience, 2011, 5, 15.	3.7	30
98	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
99	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
100	High-frequency head impact causes chronic synaptic adaptation and long-term cognitive impairment in mice. Nature Communications, 2021, 12, 2613.	12.8	29
101	Phenotypic Changes in NG2+ Cells after Spinal Cord Injury. Journal of Neurotrauma, 2006, 23, 1726-1738.	3.4	28
102	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
103	Therapeutic strategies to avoid longâ€term adverse outcomes of neonatal antiepileptic drug exposure. Epilepsia, 2010, 51, 18-23.	5.1	27
104	Increased Exon 5 Expression Alters Extrasynaptic NMDA Receptors in Cerebellar Neurons. Journal of Neurochemistry, 2002, 75, 1140-1146.	3.9	25
105	Developmental Changes of GABA Synaptic Transient in Cerebellar Granule Cells. Molecular Pharmacology, 2005, 67, 1221-1228.	2.3	25
106	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
107	Cellular Mechanisms of Desynchronizing Effects of Hypothermia in an In Vitro Epilepsy Model. Neurotherapeutics, 2012, 9, 199-209.	4.4	24
108	Melanocortin Signaling in the Brainstem Influences Vagal Outflow to the Stomach. Journal of Neuroscience, 2013, 33, 13286-13299.	3.6	24

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109	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
110	Differential electrophysiological properties of D1 and D2 spiny projection neurons in the mouse nucleus accumbens core. Physiological Reports, 2018, 6, e13784.	1.7	21
111	Distinct roles of synaptic and extrasynaptic GABAAreceptors in striatal inhibition dynamics. Frontiers in Neural Circuits, 2013, 7, 186.	2.8	19
112	The role of GABA and glutamate on adult neurogenesis. Journal of Physiology, 2008, 586, 3737-3738.	2.9	18
113	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
114	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
115	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
116	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
117	Repeated electroconvulsive stimulation impairs long-term depression in the neostriatum. Biological Psychiatry, 2004, 55, 472-476.	1.3	15
118	Hilar Somatostatin Interneurons Contribute to Synchronized GABA Activity in an In Vitro Epilepsy Model. PLoS ONE, 2014, 9, e86250.	2.5	15
119	Contrasting actions of group I metabotropic glutamate receptors in distinct mouse striatal neurones. Journal of Physiology, 2014, 592, 2721-2733.	2.9	15
120	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
121	A slow NMDA channel: in search of a role. Journal of Physiology, 2000, 525, 283-283.	2.9	13
122	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
123	Pacing Hippocampal Sharp-Wave Ripples With Weak Electric Stimulation. Frontiers in Neuroscience, 2018, 12, 164.	2.8	12
124	Evidence for glycinergic GluN1/GluN3 NMDA receptors in hippocampal metaplasticity. Neurobiology of Learning and Memory, 2015, 125, 265-273.	1.9	11
125	Kappa opioid receptors regulate hippocampal synaptic homeostasis and epileptogenesis. Epilepsia, 2018, 59, 106-122.	5.1	11
126	Brainstem Neuronal Circuitries Controlling Gastric Tonic and Phasic Contractions: A Review. Cellular and Molecular Neurobiology, 2021, , 1.	3.3	11

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127	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
128	11-Deoxycortisol impedes GABAergic neurotransmission and induces drug-resistant status epilepticus in mice. Neuropharmacology, 2011, 60, 1098-1108.	4.1	10
129	Cell Type-Specific Properties of Subicular GABAergic Currents Shape Hippocampal Output Firing Mode. PLoS ONE, 2012, 7, e50241.	2.5	10
130	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
131	Presynaptic AMPA and kainate receptors increase the size of GABAergic terminals and enhance GABA release. Neuropharmacology, 2007, 52, 1631-1640.	4.1	8
132	Electroconvulsive Shock Enhances Responsive Motility and Purinergic Currents in Microglia in the Mouse Hippocampus. ENeuro, 2019, 6, ENEURO.0056-19.2019.	1.9	8
133	Inhibitory collaterals in genetically identified medium spiny neurons in mouse primary corticostriatal cultures. Physiological Reports, 2013, 1, e00164.	1.7	7
134	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
135	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
136	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
137	Acetylsalicylic acid enhances purinergic receptor-mediated outward currents in rat megakaryocytes. American Journal of Physiology - Cell Physiology, 2010, 298, C602-C610.	4.6	3
138	Interactions between brainstem neurons that regulate the motility to the stomach. Journal of Neuroscience, 0, , JN-RM-0419-22.	3.6	3
139	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
140	Ribozyme-mediated reduction of the GABAA receptor Î±1 subunit. Molecular Brain Research, 2001, 92, 149-156.	2.3	1
141	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
142	THDOC and the GABAA Receptor. Frontiers in Neuroscience, 2003, , .	0.0	1
143	High-Frequency Head Impact Disrupts Hippocampal Neural Ensemble Dynamics. Frontiers in Cellular Neuroscience, 2021, 15, 763423.	3.7	1
144	Allosteric modulators of the nmda receptor affect excitatory postsynaptic currents in the rat hippocampus. Pharmacological Research, 1990, 22, 492.	7.1	0

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145	A Cerebellar Synapse for â€œHeavy Dutyâ€•Transmission. Biophysical Journal, 2005, 88, 1505-1506.	0.5	0
146	The FGIN period: Electrophysiological studies. Pharmacological Research, 2011, 64, 316-318.	7.1	0
147	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