Andrea Nistri

List of Publications by Year
in descending order

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146	5,293	87888	106344
papers	citations	38 h-index	65 g-index

146	146	146	4336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	GABAergic Mechanisms Can Redress the Tilted Balance between Excitation and Inhibition in Damaged Spinal Networks. Molecular Neurobiology, 2021, 58, 3769-3786.	4.0	12
2	Overexpressed NaV1.7 Channels Confer Hyperexcitability to in vitro Trigeminal Sensory Neurons of CaV2.1 Mutant Hemiplegic Migraine Mice. Frontiers in Cellular Neuroscience, 2021, 15, 640709.	3.7	3
3	Nicotine Neurotoxicity Involves Low Wnt1 Signaling in Spinal Locomotor Networks of the Postnatal Rodent Spinal Cord. International Journal of Molecular Sciences, 2021, 22, 9572.	4.1	6
4	Modeling a Nociceptive Neuro-Immune Synapse Activated by ATP and 5-HT in Meninges: Novel Clues on Transduction of Chemical Signals Into Persistent or Rhythmic Neuronal Firing. Frontiers in Cellular Neuroscience, 2020, 14, 135.	3.7	19
5	Modulation of extrasynaptic GABAergic receptor activity influences glutamate release and neuronal survival following excitotoxic damage to mouse spinal cord neurons. Neurochemistry International, 2019, 128, 175-185.	3.8	12
6	Investigation on 2â€²,3â€²-O-Substituted ATP Derivatives and Analogs as Novel P2X3 Receptor Antagonists. ACS Medicinal Chemistry Letters, 2019, 10, 493-498.	2.8	8
7	Loss of inhibitory synapses causes locomotor network dysfunction of the rat spinal cord during prolonged maintenance in vitro. Brain Research, 2019, 1710, 8-21.	2.2	2
8	Long-term application of cannabinoids leads to dissociation between changes in cAMP and modulation of GABAA receptors of mouse trigeminal sensory neurons. Neurochemistry International, 2019, 126, 74-85.	3.8	3
9	Pharmacological induction of Heat Shock Protein 70 by celastrol protects motoneurons from excitotoxicity in rat spinal cord in vitro. European Journal of Neuroscience, 2019, 49, 215-231.	2.6	14
10	Mechanism of Neuroprotection Against Experimental Spinal Cord Injury by Riluzole or Methylprednisolone. Neurochemical Research, 2019, 44, 200-213.	3.3	38
11	Differential neuromodulatory role of endocannabinoids in the rodent trigeminal sensory ganglion and cerebral cortex relevant to pain processing. Neuropharmacology, 2018, 131, 39-50.	4.1	9
12	Nicotineâ€mediated neuroprotection of rat spinal networks against excitotoxicity. European Journal of Neuroscience, 2018, 47, 1353-1374.	2.6	13
13	Functional upâ€regulation of the Mâ€current by retigabine contrasts hyperexcitability and excitotoxicity on rat hypoglossal motoneurons. Journal of Physiology, 2018, 596, 2611-2629.	2.9	12
14	Electrophysiological characterization of the M-current in rat hypoglossal motoneurons. Neuroscience, 2017, 340, 62-75.	2.3	15
15	Ceftriaxone-mediated upregulation of the glutamate transporter GLT-1 contrasts neurotoxicity evoked by kainate in rat organotypic spinal cord cultures. NeuroToxicology, 2017, 60, 34-41.	3.0	10
16	Nicotine protects rat hypoglossal motoneurons from excitotoxic death via downregulation of connexin 36. Cell Death and Disease, 2017, 8, e2881-e2881.	6.3	9
17	Hyperpolarization-activated current I h in mouse trigeminal sensory neurons in a transgenic mouse model of familial hemiplegic migraine type-1. Neuroscience, 2017, 351, 47-64.	2.3	6
18	ASIC channel inhibition enhances excitotoxic neuronal death in an in vitro model of spinal cord injury. Neuroscience, 2017, 343, 398-410.	2.3	24

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19	Nicotinic receptors modulate the onset of reactive oxygen species production and mitochondrial dysfunction evoked by glutamate uptake block in the rat hypoglossal nucleus. Neuroscience Letters, 2017, 639, 43-48.	2.1	13
20	Propofol Protects Rat Hypoglossal Motoneurons in an In Vitro Model of Excitotoxicity by Boosting GABAergic Inhibition and Reducing Oxidative Stress. Neuroscience, 2017, 367, 15-33.	2.3	13
21	In situ imaging reveals properties of purinergic signalling in trigeminal sensory ganglia in vitro. Purinergic Signalling, 2017, 13, 511-520.	2.2	15
22	Neurotoxicity of propofol on rat hypoglossal motoneurons in vitro. Neuroscience Letters, 2017, 655, 95-100.	2.1	5
23	2â€²,3â€²-O-Substituted ATP derivatives as potent antagonists of purinergic P2X3 receptors and potential analgesic agents. Purinergic Signalling, 2017, 13, 61-74.	2.2	10
24	Inefficient constitutive inhibition of P2X3 receptors by brain natriuretic peptide system contributes to sensitization of trigeminal sensory neurons in a genetic mouse model of familial hemiplegic migraine. Molecular Pain, 2016, 12, 174480691664611.	2.1	19
25	Loss of inhibition by brain natriuretic peptide over P2X3 receptors contributes to enhanced spike firing of trigeminal ganglion neurons in a mouse model of familial hemiplegic migraine type-1. Neuroscience, 2016, 331, 197-205.	2.3	18
26	Nicotinic receptor activation contrasts pathophysiological bursting and neurodegeneration evoked by glutamate uptake block on rat hypoglossal motoneurons. Journal of Physiology, 2016, 594, 6777-6798.	2.9	14
27	Neuroprotective effect of propofol against excitotoxic injury to locomotor networks of the rat spinal cord inÂvitro. European Journal of Neuroscience, 2016, 44, 2418-2430.	2.6	18
28	A study of cannabinoid-1 receptors during the early phase of excitotoxic damage to rat spinal locomotor networks in vitro. Neuroscience, 2016, 333, 214-228.	2.3	3
29	Expression and function of calcitonin gene-related peptide (CGRP) receptors in trigeminal ganglia of R192Q Cacna1a knock-in mice. Neuroscience Letters, 2016, 620, 104-110.	2.1	9
30	Delayed application of the anesthetic propofol contrasts the neurotoxic effects of kainate on rat organotypic spinal slice cultures. NeuroToxicology, 2016, 54, 1-10.	3.0	6
31	A study of methylprednisolone neuroprotection against acute injury to the rat spinal cord in vitro. Neuroscience, 2016, 315, 136-149.	2.3	15
32	Brain Natriuretic Peptide Constitutively Downregulates P2X3 Receptors by Controlling their Phosphorylation State and Membrane Localization. Molecular Pain, 2015, 11, s12990-015-0074.	2.1	15
33	Role of HSP70 in motoneuron survival after excitotoxic stress in a rat spinal cord injury model inÂvitro. European Journal of Neuroscience, 2015, 42, 3054-3065.	2.6	13
34	Modulatory effects by CB1 receptors on rat spinal locomotor networks after sustained application of agonists or antagonists. Neuroscience, 2015, 303, 16-33.	2.3	7
35	The volatile anesthetic methoxyflurane protects motoneurons against excitotoxicity in an in vitro model of rat spinal cord injury. Neuroscience, 2015, 285, 269-280.	2.3	12
36	Dynamic expression of ATF3 as a novel tool to study activation and migration of endogenous spinal stem cells and their role in neural repair. Neural Regeneration Research, 2015, 10, 713.	3.0	1

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37	ATP-gated P2X receptors in health and disease. Frontiers in Cellular Neuroscience, 2014, 8, 204.	3.7	26
38	S100Î² as an early biomarker of excitotoxic damage in spinal cord organotypic cultures. Journal of Neurochemistry, 2014, 130, 598-604.	3.9	28
39	A hyperexcitability phenotype in mouse trigeminal sensory neurons expressing the R192Q Cacna1a missense mutation of familial hemiplegic migraine type-1. Neuroscience, 2014, 266, 244-254.	2.3	23
40	ATF3 is a novel nuclear marker for migrating ependymal stem cells in the rat spinal cord. Stem Cell Research, 2014, 12, 815-827.	0.7	30
41	Calcium/calmodulinâ€dependent serine protein kinase (<scp>CASK</scp>) is a new intracellular modulator of <scp>P</scp>2<scp>X</scp>3 receptors. Journal of Neurochemistry, 2013, 126, 102-112.	3.9	17
42	Mutated Ca_V2.1 Channels Dysregulate CASK/P2X3 Signaling in Mouse Trigeminal Sensory Neurons of R192Q Cacna1a Knock-in Mice. Molecular Pain, 2013, 9, 1744-8069-9-62.	2.1	6
43	Effects of LPS on P2X3 receptors of trigeminal sensory neurons and macrophages from mice expressing the R192Q Cacna1a gene mutation of familial hemiplegic migraine-1. Purinergic Signalling, 2013, 9, 7-13.	2.2	20
44	Acute Spinal Cord Injury In Vitro: Insight into Basic Mechanisms. Neuromethods, 2013, , 39-62.	0.3	5
45	Evaluation of adenine as scaffold for the development of novel P2X3 receptor antagonists. European Journal of Medicinal Chemistry, 2013, 65, 41-50.	5.5	4
46	Riluzole. Neuroscientist, 2013, 19, 137-144.	3.5	42
47	B-Type Natriuretic Peptide-Induced Delayed Modulation of TRPV1 and P2X3 Receptors of Mouse Trigeminal Sensory Neurons. PLoS ONE, 2013, 8, e81138.	2.5	24
48	Desensitization properties of P2X3 receptors shaping pain signaling. Frontiers in Cellular Neuroscience, 2013, 7, 245.	3.7	34
49	Microelectrode arrays in combination with in vitro models of spinal cord injury as tools to investigate pathological changes in network activity: facts and promises. Frontiers in Neuroengineering, 2013, 6, 2.	4.8	5
50	TNFÎ± Levels and Macrophages Expression Reflect an Inflammatory Potential of Trigeminal Ganglia in a Mouse Model of Familial Hemiplegic Migraine. PLoS ONE, 2013, 8, e52394.	2.5	74
51	The Mechanism of Functional Up-Regulation of P2X3 Receptors of Trigeminal Sensory Neurons in a Genetic Mouse Model of Familial Hemiplegic Migraine Type 1 (FHM-1). PLoS ONE, 2013, 8, e60677.	2.5	31
52	Regulation of P2X3 Receptor Structure and Function. CNS and Neurological Disorders - Drug Targets, 2012, 11, 687-698.	1.4	20
53	Unusual increase in lumbar network excitability of the rat spinal cord evoked by the PARP-1 inhibitor PJ-34 through inhibition of glutamate uptake. Neuropharmacology, 2012, 63, 415-426.	4.1	13
54	Functional differences between ATPâ€gated human and rat P2X3 receptors are caused by critical residues of the intracellular Câ€terminal domain. Journal of Neurochemistry, 2012, 122, 557-567.	3.9	14

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55	Functional crosstalk in culture between macrophages and trigeminal sensory neurons of a mouse genetic model of migraine. BMC Neuroscience, 2012, 13, 143.	1.9	31
56	Postnatal developmental profile of neurons and glia in motor nuclei of the brainstem and spinal cord, and its comparison with organotypic slice cultures. Developmental Neurobiology, 2012, 72, 1140-1160.	3.0	40
57	Calcitonin Gene-Related Peptide-Mediated Enhancement of Purinergic Neuron/Glia Communication by the Algogenic Factor Bradykinin in Mouse Trigeminal Ganglia from Wild-Type and R192Q Ca_v2.1 Knock-In Mice: Implications for Basic Mechanisms of Migraine Pain. Journal of Neuroscience, 2011, 31, 3638-3649.	3.6	111
58	Molecular Mechanisms Underlying Cell Death in Spinal Networks in Relation to Locomotor Activity After Acute Injury in vitro. Frontiers in Cellular Neuroscience, 2011, 5, 9.	3.7	41
59	Riluzole is a potent drug to protect neonatal rat hypoglossal motoneurons in vitro from excitotoxicity due to glutamate uptake block. European Journal of Neuroscience, 2011, 33, 899-913.	2.6	26
60	Studies of locomotor network neuroprotection by the selective poly(ADPâ€ribose) polymeraseâ€1 inhibitor PJâ€34 against excitotoxic injury to the rat spinal cord inâ€fvitro. European Journal of Neuroscience, 2011, 33, 2216-2227.	2.6	18
61	Respiratory motoneurons and pathological conditions: Lessons from hypoglossal motoneurons challenged by excitotoxic or oxidative stress. Respiratory Physiology and Neurobiology, 2011, 179, 89-96.	1.6	17
62	Effect of the PARP-1 Inhibitor PJ 34 on Excitotoxic Damage Evoked by Kainate on Rat Spinal Cord Organotypic Slices. Cellular and Molecular Neurobiology, 2011, 31, 469-478.	3.3	19
63	Effects of 6(5H)-phenanthridinone, an Inhibitor of Poly(ADP-ribose)Polymerase-1 Activity (PARP-1), on Locomotor Networks of the Rat Isolated Spinal Cord. Cellular and Molecular Neurobiology, 2011, 31, 503-508.	3.3	24
64	Lipid Rafts Control P2X3 Receptor Distribution and Function in Trigeminal Sensory Neurons of a Transgenic Migraine Mouse Model. Molecular Pain, 2011, 7, 1744-8069-7-77.	2.1	34
65	Cystic fibrosis transmembrane conductance regulator modulates synaptic chloride homeostasis in motoneurons of the rat spinal cord during neonatal development. Developmental Neurobiology, 2011, 71, 253-268.	3.0	22
66	Electrochemical detection of endogenous glutamate release from rat spinal cord organotypic slices as a real-time method to monitor excitotoxicity. Journal of Neuroscience Methods, 2011, 197, 128-132.	2.5	21
67	The Cdk5 Kinase Downregulates ATP-Gated Ionotropic P2X3 Receptor Function Via Serine Phosphorylation. Cellular and Molecular Neurobiology, 2010, 30, 505-509.	3.3	25
68	Kainate-Mediated Excitotoxicity Induces Neuronal Death in the Rat Spinal Cord In Vitro via a PARP-1 Dependent Cell Death Pathway (Parthanatos). Cellular and Molecular Neurobiology, 2010, 30, 1001-1012.	3.3	59
69	Familial Hemiplegic Migraine Ca_V2.1 Channel Mutation R192Q Enhances ATP-gated P2X₃ Receptor Activity of Mouse Sensory Ganglion Neurons Mediating Trigeminal Pain. Molecular Pain, 2010, 6, 1744-8069-6-48.	2.1	59
70	Dynamics of early locomotor network dysfunction following a focal lesion in an in vitro model of spinal injury. European Journal of Neuroscience, 2010, 31, 60-78.	2.6	23
71	Transient oxidative stress evokes early changes in the functional properties of neonatal rat hypoglossal motoneurons in vitro. European Journal of Neuroscience, 2010, 31, 951-966.	2.6	27
72	Deconstructing locomotor networks with experimental injury to define their membership. Annals of the New York Academy of Sciences, 2010, 1198, 242-251.	3.8	7

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73	The C-terminal Src Inhibitory Kinase (Csk)-mediated Tyrosine Phosphorylation Is a Novel Molecular Mechanism to Limit P2X3 Receptor Function in Mouse Sensory Neurons. Journal of Biological Chemistry, 2009, 284, 21393-21401.	3.4	39
74	A repertoire of rhythmic bursting produced by hypoglossal motoneurons in physiological and pathological conditions. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2493-2500.	4.0	20
75	The patterns of spontaneous Ca²⁺ signals generated by ventral spinal neurons in vitro show timeâ€dependent refinement. European Journal of Neuroscience, 2009, 29, 1543-1559.	2.6	14
76	Adenine-Based Acyclic Nucleotides as Novel P2X₃ Receptor Ligands. Journal of Medicinal Chemistry, 2009, 52, 4596-4603.	6.4	22
77	Spinal cord injury: There is nothing permanent except change (Heraclitus, 540â€“480 BC). Brain Research Bulletin, 2009, 78, 2-3.	3.0	1
78	Molecular Mechanisms of Sensitization of Pain-transducing P2X3 Receptors by the Migraine Mediators CGRP and NGF. Molecular Neurobiology, 2008, 37, 83-90.	4.0	129
79	Chromaffin cells at the beginning of the 21st century. Acta Physiologica, 2008, 192, 143-144.	3.8	3
80	Riluzole blocks persistent Na⁺ and Ca²⁺ currents and modulates release of glutamate via presynaptic NMDA receptors on neonatal rat hypoglossal motoneurons in vitro. European Journal of Neuroscience, 2008, 27, 2501-2514.	2.6	133
81	N-methyl-d-aspartate triggers neonatal rat hypoglossal motoneurons in vitro to express rhythmic bursting with unusual Mg2+ sensitivity. Neuroscience, 2008, 154, 804-820.	2.3	13
82	Kainate and metabolic perturbation mimicking spinal injury differentially contribute to early damage of locomotor networks in the in vitro neonatal rat spinal cord. Neuroscience, 2008, 155, 538-555.	2.3	55
83	Exocytotic Release of ATP from Cultured Astrocytes. Journal of Biological Chemistry, 2007, 282, 28749-28758.	3.4	225
84	Neutralization of Nerve Growth Factor Induces Plasticity of ATP-Sensitive P2X₃Receptors of Nociceptive Trigeminal Ganglion Neurons. Journal of Neuroscience, 2007, 27, 8190-8201.	3.6	80
85	ERG Conductance Expression Modulates the Excitability of Ventral Horn GABAergic Interneurons That Control Rhythmic Oscillations in the Developing Mouse Spinal Cord. Journal of Neuroscience, 2007, 27, 919-928.	3.6	57
86	The effects induced by the sulphonylurea glibenclamide on the neonatal rat spinal cord indicate a novel mechanism to control neuronal excitability and inhibitory neurotransmission. British Journal of Pharmacology, 2007, 150, 47-57.	5.4	19
87	Activity-independent intracellular Ca2+ oscillations are spontaneously generated by ventral spinal neurons during development in vitro. Cell Calcium, 2007, 41, 317-329.	2.4	30
88	Comparison of P2X and TRPV1 Receptors in Ganglia or Primary Culture of Trigeminal Neurons and their Modulation by NGF or Serotonin. Molecular Pain, 2006, 2, 1744-8069-2-11.	2.1	95
89	Experimental and Modeling Studies of Desensitization of P2X3 Receptors. Molecular Pharmacology, 2006, 70, 373-382.	2.3	61
90	Persistent rhythmic oscillations induced by nicotine on neonatal rat hypoglossal motoneurons in vitro. European Journal of Neuroscience, 2006, 24, 2543-2556.	2.6	11

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91	Glutamate uptake block triggers deadly rhythmic bursting of neonatal rat hypoglossal motoneurons. Journal of Physiology, 2006, 572, 407-423.	2.9	30
92	Tuning and playing a motor rhythm: how metabotropic glutamate receptors orchestrate generation of motor patterns in the mammalian central nervous system. Journal of Physiology, 2006, 572, 323-334.	2.9	54
93	Delayed Upregulation of ATP P2X3 Receptors of Trigeminal Sensory Neurons by Calcitonin Gene-Related Peptide. Journal of Neuroscience, 2006, 26, 6163-6171.	3.6	160
94	Oscillatory Circuits Underlying Locomotor Networks in the Rat Spinal Cord. Critical Reviews in Neurobiology, 2006, 18, 25-36.	3.1	18
95	An electron microscopy study of changes in dense core vesicles of PC12 cells following pulse depolarization. NeuroReport, 2005, 16, 381-385.	1.2	2
96	Activation and desensitization of neuronal nicotinic receptors modulate glutamatergic transmission on neonatal rat hypoglossal motoneurons. European Journal of Neuroscience, 2005, 22, 2723-2734.	2.6	45
97	Desensitization of neuronal nicotinic receptors of human neuroblastoma SH-SY5Y cells during short or long exposure to nicotine. British Journal of Pharmacology, 2005, 146, 1087-1095.	5.4	25
98	Long-term exposure to the new nicotinic antagonist 1,2-bisN -cytisinylethane upregulates nicotinic receptor subtypes of SH-SY5Y human neuroblastoma cells. British Journal of Pharmacology, 2005, 146, 1096-1109.	5.4	23
99	Metabotropic glutamate receptor activity induces a novel oscillatory pattern in neonatal rat hypoglossal motoneurones. Journal of Physiology, 2005, 563, 139-159.	2.9	47
100	Activation of group I metabotropic glutamate receptors depresses recurrent inhibition of motoneurons in the neonatal rat spinal cord in vitro. Experimental Brain Research, 2005, 164, 406-410.	1.5	7
101	Desensitization of nicotinic ACh receptors: shaping cholinergic signaling. Trends in Neurosciences, 2005, 28, 371-378.	8.6	308
102	Identification of Negative Residues in the P2X3 ATP Receptor Ectodomain as Structural Determinants for Desensitization and the Ca2+-sensing Modulatory Sites. Journal of Biological Chemistry, 2004, 279, 53109-53115.	3.4	47
103	Activation of group I metabotropic glutamate receptors enhances efficacy of glutamatergic inputs to neonatal rat hypoglossal motoneurons in vitro. European Journal of Neuroscience, 2004, 20, 1245-1254.	2.6	15
104	Modulation of rhythmic patterns and cumulative depolarization by group I metabotropic glutamate receptors in the neonatal rat spinal cord in vitro. European Journal of Neuroscience, 2004, 19, 533-541.	2.6	32
105	Agonistâ€dependence of recovery from desensitization of P2X₃ receptors provides a novel and sensitive approach for their rapid up or downregulation. British Journal of Pharmacology, 2004, 141, 1048-1058.	5.4	48
106	Chronic NGF treatment of rat nociceptive DRG neurons in culture facilitates desensitization and deactivation of GABAA receptor-mediated currents. British Journal of Pharmacology, 2004, 142, 425-434.	5.4	9
107	Quantal release of ATP from clusters of PC12 cells. Journal of Physiology, 2004, 560, 505-517.	2.9	36
108	Role of group II and III metabotropic glutamate receptors in rhythmic patterns of the neonatal rat spinal cord in vitro. Experimental Brain Research, 2004, 156, 495-504.	1.5	14

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109	Effect of metabotropic glutamate receptor activity on rhythmic discharges of the neonatal rat spinal cord in vitro. Experimental Brain Research, 2003, 153, 388-393.	1.5	17
110	Molecular biology and electrophysiology of neuronal nicotinic receptors of rat chromaffin cells. European Journal of Neuroscience, 2003, 17, 2313-2322.	2.6	64
111	Distinct subtypes of group I metabotropic glutamate receptors on rat spinal neurons mediate complex facilitatory and inhibitory effects. European Journal of Neuroscience, 2003, 18, 1873-1883.	2.6	23
112	Modulation of neuronal nicotinic receptor function by the neuropeptides CGRP and substance P on autonomic nerve cells. British Journal of Pharmacology, 2003, 139, 1061-1073.	5.4	41
113	A structural model of agonist binding to the Î± 3Î² 4 neuronal nicotinic receptor. British Journal of Pharmacology, 2003, 140, 921-931.	5.4	52
114	Pre and postsynaptic effects of metabotropic glutamate receptor activation on neonatal rat hypoglossal motoneurons. Neuroscience Letters, 2003, 338, 9-9.	2.1	0
115	Modulation of P2X3 receptors by Mg2+ on rat DRG neurons in culture. Neuropharmacology, 2003, 44, 132-140.	4.1	27
116	The ATP-mediated fast current of rat dorsal root ganglion neurons is a novel effector for GABAB receptor activation. Neuroscience Letters, 2003, 338, 181-184.	2.1	23
117	Effects of caffeine on the excitability and intracellular Ca2+ transients of neonatal rat hypoglossal motoneurons in vitro. Neuroscience Letters, 2003, 346, 177-181.	2.1	8
118	Bimodal Action of Protons on ATP Currents of Rat PC12 Cells. Journal of General Physiology, 2003, 122, 33-44.	1.9	12
119	A Novel Class of Peptides with Facilitating Action on Neuronal Nicotinic Receptors of Rat Chromaffin Cells in Vitro: Functional and Molecular Dynamics Studies. Molecular Pharmacology, 2002, 61, 43-54.	2.3	17
120	Experimental and Modeling Studies of Novel Bursts Induced by Blocking Na+ Pump and Synaptic Inhibition in the Rat Spinal Cord. Journal of Neurophysiology, 2002, 88, 676-691.	1.8	28
121	Inhibition of spinal or hypoglossal motoneurons of the newborn rat by glycine or GABA. European Journal of Neuroscience, 2002, 15, 975-983.	2.6	58
122	Expression and dendritic mRNA localization of GABACreceptor ï1 and ï2 subunits in developing rat brain and spinal cord. European Journal of Neuroscience, 2002, 15, 1747-1758.	2.6	82
123	Enhancement of Neuronal Nicotinic Receptor Activity of Rat Chromaffin Cells by a Novel Class of Peptides. Annals of the New York Academy of Sciences, 2002, 971, 100-107.	3.8	7
124	Evidence for increased extracellular K+ as an important mechanism for dorsal root induced alternating rhythmic activity in the neonatal rat spinal cord in vitro. Neuroscience Letters, 2001, 304, 77-80.	2.1	17
125	Depression of Windup of Spinal Neurons in the Neonatal Rat Spinal Cord In Vitro by an NK3 Tachykinin Receptor Antagonist. Journal of Neurophysiology, 2001, 85, 1502-1511.	1.8	34
126	Negative Cross Talk between Anionic GABA_Aand Cationic P2X Ionotropic Receptors of Rat Dorsal Root Ganglion Neurons. Journal of Neuroscience, 2001, 21, 4958-4968.	3.6	105

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127	Differential Short-Term Changes in GABAergic or Glycinergic Synaptic Efficacy on Rat Hypoglossal Motoneurons. Journal of Neurophysiology, 2001, 86, 565-574.	1.8	11
128	Calibration of agonist concentrations applied by pressure pulses or via rapid solution exchanger. Journal of Neuroscience Methods, 2001, 110, 155-161.	2.5	29
129	Characteristics of fast Na+current of hypoglossal motoneurons in a rat brainstem slice preparation. European Journal of Neuroscience, 2001, 13, 763-772.	2.6	13
130	Alternating rhythmic activity induced by dorsal root stimulation in the neonatal rat spinal cord in vitro. Journal of Physiology, 2001, 530, 105-112.	2.9	85
131	Facilitation of cholinergic transmission by substance P methyl ester in the mouse hippocampal slice preparation. European Journal of Neuroscience, 2000, 12, 585-594.	2.6	14
132	Antagonism of nicotinic receptors of rat chromaffin cells by N,N,N-trimethyl-1-(4-trans) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (-st Pharmacology, 2000, 129, 1771-1779.	5.4	17
133	Opposite changes in synaptic activity of organotypic rat spinal cord cultures after chronic block of AMPA/kainate or glycine and GABA A receptors. Journal of Physiology, 2000, 523, 639-651.	2.9	58
134	Current and Voltage Clamp Studies of the Spike Medium Afterhyperpolarization of Hypoglossal Motoneurons in a Rat Brain Stem Slice Preparation. Journal of Neurophysiology, 2000, 83, 2987-2995.	1.8	69
135	Relative Contribution by GABA or Glycine to Cl^{â”}-Mediated Synaptic Transmission on Rat Hypoglossal Motoneurons In Vitro. Journal of Neurophysiology, 2000, 84, 2715-2724.	1.8	81
136	Rapid Relief of Block by Mecamylamine of Neuronal Nicotinic Acetylcholine Receptors of Rat Chromaffin Cells In Vitro: An Electrophysiological and Modeling Study. Molecular Pharmacology, 2000, 58, 778-787.	2.3	44
137	Voltage-Activated K+ Currents of Hypoglossal Motoneurons in a Brain Stem Slice Preparation From the Neonatal Rat. Journal of Neurophysiology, 1999, 81, 140-148.	1.8	23
138	Generation of rhythmic patterns of activity by ventral interneurones in rat organotypic spinal slice culture. Journal of Physiology, 1999, 517, 459-475.	2.9	60
139	Modulation by substance P of synaptic transmission in the mouse hippocampal slice. European Journal of Neuroscience, 1998, 10, 3076-3084.	2.6	27
140	Pharmacological Block of the Electrogenic Sodium Pump Disrupts Rhythmic Bursting Induced by Strychnine and Bicuculline in the Neonatal Rat Spinal Cord. Journal of Neurophysiology, 1997, 77, 17-23.	1.8	64
141	Localization of Rhythmogenic Networks Responsible for Spontaneous Bursts Induced by Strychnine and Bicuculline in the Rat Isolated Spinal Cord. Journal of Neuroscience, 1996, 16, 7063-7076.	3.6	133
142	Effects of Thyrotropinâ€releasing Hormone on GABAergic Synaptic Transmission of the Rat Hippocampus. European Journal of Neuroscience, 1996, 8, 1299-1305.	2.6	10
143	Membrane Potential Oscillations of Neonatal Rat Spinal Motoneurons Evoked by Electrical Stimulation of Dorsal Root Fibres. European Journal of Neuroscience, 1995, 7, 2403-2408.	2.6	12
144	Desensitization of AMPA Receptors Limits the Amplitude of EPSPs and the Excitability of Motoneurons of the Rat Isolated Spinal Cord. European Journal of Neuroscience, 1995, 7, 1229-1234.	2.6	34

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145	GABA receptor mechanisms in the central nervous system. Progress in Neurobiology, 1991, 36, 35-92.	5.7	525
146	Role of calcitonin gene-related peptide and brain natriuretic peptide to modulate the excitability state of trigeminal neurons: relevance to migraine pathology and treatment. Journal of Receptor, Ligand and Channel Research, 0, , 31.	0.7	1