Rashid Giniatullin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3152241/publications.pdf

Version: 2024-02-01

136 papers	4,948 citations	94269 37 h-index	114278 63 g-index
142 all docs	142 docs citations	142 times ranked	6071 citing authors

#	Article	IF	Citations
1	5â€hydroxytryptamine in migraine: The puzzling role of ionotropic 5â€HT₃ receptor in the context of established therapeutic effect of metabotropic 5â€HT₁ subtypes. British Journal of Pharmacology, 2022, 179, 400-415.	2.7	19
2	Migraine-relevant sex-dependent activation of mouse meningeal afferents by TRPM3 agonists. Journal of Headache and Pain, 2022, 23, 4.	2.5	9
3	Functional Characterization of Mechanosensitive Piezo1 Channels in Trigeminal and Somatic Nerves in a Neuron-on-Chip Model. International Journal of Molecular Sciences, 2022, 23, 1370.	1.8	11
4	Genomic Screening of Chronic Migraine Patients Identified Genes Linked to Drug and Endogenous Substances Metabolism. BioNanoScience, 2022, 12, 154-159.	1.5	1
5	C9orf72 hexanucleotide repeat expansion leads to altered neuronal and dendritic spine morphology and synaptic dysfunction. Neurobiology of Disease, 2022, 162, 105584.	2.1	5
6	Testing the Role of Glutamate NMDA Receptors in Peripheral Trigeminal Nociception Implicated in Migraine Pain. International Journal of Molecular Sciences, 2022, 23, 1529.	1.8	11
7	Contribution of astrocytes to familial risk and clinical manifestation of schizophrenia. Glia, 2022, 70, 650-660.	2.5	12
8	Inhibiting Endocannabinoid Hydrolysis as Emerging Analgesic Strategy Targeting a Spectrum of Ion Channels Implicated in Migraine Pain. International Journal of Molecular Sciences, 2022, 23, 4407.	1.8	5
9	Neuron-astrocyte transmitophagy is altered in Alzheimer's disease. Neurobiology of Disease, 2022, 170, 105753.	2.1	27
10	The role of the meningeal lymphatic system in local meningeal inflammation and trigeminal nociception. Scientific Reports, 2022, 12, .	1.6	9
11	Hyperhomocysteinemia Increases Cortical Excitability and Aggravates Mechanical Hyperalgesia and Anxiety in a Nitroglycerine-Induced Migraine Model in Rats. Biomolecules, 2022, 12, 735.	1.8	10
12	Microglial amyloid beta clearance is driven by PIEZO1 channels. Journal of Neuroinflammation, 2022, 19, .	3.1	45
13	The State of the Art of Piezo1 Channels in Skeletal Muscle Regeneration. International Journal of Molecular Sciences, 2022, 23, 6616.	1.8	11
14	Double-Binding Botulinum Molecule with Reduced Muscle Paralysis: Evaluation in In Vitro and In Vivo Models of Migraine. Neurotherapeutics, 2021, 18, 556-568.	2.1	8
15	Searching for Predictors of Migraine Chronification: a Pilot Study of 1911A>G Polymorphism of TRPV1 Gene in Episodic Versus Chronic Migraine. Journal of Molecular Neuroscience, 2021, 71, 618-624.	1.1	23
16	Distinct Activity of Endocannabinoid-Hydrolyzing Enzymes MAGL and FAAH in Key Regions of Peripheral and Central Nervous System Implicated in Migraine. International Journal of Molecular Sciences, 2021, 22, 1204.	1.8	16
17	Double-binding botulinum molecule with reduced muscle paralysis: Evaluation in in vitro and in vivo models of migraine. Toxicon, 2021, 190, S5.	0.8	0
18	Deciphering in silico the Role of Mutated NaV1.1 Sodium Channels in Enhancing Trigeminal Nociception in Familial Hemiplegic Migraine Type 3. Frontiers in Cellular Neuroscience, 2021, 15, 644047.	1.8	6

#	Article	IF	Citations
19	â€œTime windowâ€•effect of Yoda1â€•evoked Piezo1 channel activity during mouse skeletal muscle differentiation. Acta Physiologica, 2021, 233, e13702.	1.8	18
20	Hyperhomocysteinemia increases susceptibility to cortical spreading depression associated with photophobia, mechanical allodynia, and anxiety in rats. Behavioural Brain Research, 2021, 409, 113324.	1.2	7
21	Mast Cell Mediators as Pain Triggers in Migraine: Comparison of Histamine and Serotonin in the Activation of Primary Afferents in the Meninges in Rats. Neuroscience and Behavioral Physiology, 2020, 50, 900-906.	0.2	7
22	P.792 The facilitatory effect of the selective Piezo1 agonist Yoda1 on second-order trigeminovascular neurons in vivo. European Neuropsychopharmacology, 2020, 40, S448-S449.	0.3	1
23	Protective Effects of Hydrogen Sulfide Against the ATP-Induced Meningeal Nociception. Frontiers in Cellular Neuroscience, 2020, 14, 266.	1.8	1
24	Does Cholinergic Stimulation Affect the P2X7 Receptor-Mediated Dye Uptake in Mast Cells and Macrophages?. Frontiers in Cellular Neuroscience, 2020, 14, 548376.	1.8	5
25	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.	1.8	19
26	The Emerging Role of Mechanosensitive Piezo Channels in Migraine Pain. International Journal of Molecular Sciences, 2020, 21, 696.	1.8	41
27	Antidromic Spike Propagation and Dissimilar Expression of P2X, 5-HT, and TRPV1 Channels in Peripheral vs. Central Sensory Axons in Meninges. Frontiers in Cellular Neuroscience, 2020, 14, 623134.	1.8	11
28	Ion Channels of Nociception. International Journal of Molecular Sciences, 2020, 21, 3553.	1.8	15
29	The role of meningeal mast cells in ATP-induced nociceptive firing in trigeminal afferents. Anti-nociceptive effects of hydrogen sulfide. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2020, 93, 2-S24-2.	0.0	0
30	O7.7. NEUROBIOLOGICAL ROOTS OF SCHIZOPHRENIA. Schizophrenia Bulletin, 2019, 45, S182-S182.	2.3	0
31	Sex-specific transcriptional and proteomic signatures in schizophrenia. Nature Communications, 2019, 10, 3933.	5.8	41
32	Correct expression and localization of collagen XIII are crucial for the normal formation and function of the neuromuscular system. European Journal of Neuroscience, 2019, 49, 1491-1511.	1.2	13
33	Meningeal Mast Cells Contribute to ATP-Induced Nociceptive Firing in Trigeminal Nerve Terminals: Direct and Indirect Purinergic Mechanisms Triggering Migraine Pain. Frontiers in Cellular Neuroscience, 2019, 13, 195.	1.8	37
34	Prenatal hyperhomocysteinemia induces oxidative stress and accelerates â€˜agingâ€™ of mammalian neuromuscular synapses. International Journal of Developmental Neuroscience, 2019, 75, 1-12.	0.7	7
35	Action of Hydrogen Peroxide on Synaptic Transmission at the Mouse Neuromuscular Junction. Neuroscience, 2019, 399, 135-145.	1.1	18
36	Mechanosensitive meningeal nociception via Piezo channels: Implications for pulsatile pain in migraine?. Neuropharmacology, 2019, 149, 113-123.	2.0	57

#	Article	IF	Citations
37	Activation of P2X7 Receptors in Peritoneal and Meningeal Mast Cells Detected by Uptake of Organic Dyes: Possible Purinergic Triggers of Neuroinflammation in Meninges. Frontiers in Cellular Neuroscience, 2019, 13, 45.	1.8	32
38	Editorial: Mast Cells in Itch, Pain and Neuro-Inflammation. Frontiers in Cellular Neuroscience, 2019, 13, 521.	1.8	10
39	Diadenosine-Polyphosphate Analogue AppCH2ppA Suppresses Seizures by Enhancing Adenosine Signaling in the Cortex. Cerebral Cortex, 2019, 29, 3778-3795.	1.6	2
40	Spontaneous BOLD waves â€“ A novel hemodynamic activity in Sprague-Dawley rat brain detected by functional magnetic resonance imaging. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1949-1960.	2.4	5
41	High sensitivity of cerebellar neurons to homocysteine is determined by expression of GluN2C and GluN2D subunits of NMDA receptors. Biochemical and Biophysical Research Communications, 2018, 506, 648-652.	1.0	16
42	Purinergic Profiling of Regulatory T-cells in Patients With Episodic Migraine. Frontiers in Cellular Neuroscience, 2018, 12, 326.	1.8	19
43	Emerging Role of (Endo)Cannabinoids in Migraine. Frontiers in Pharmacology, 2018, 9, 420.	1.6	40
44	Novel capsaicin-induced parameters of microcirculation in migraine patients revealed by imaging photoplethysmography. Journal of Headache and Pain, 2018, 19, 43.	2.5	18
45	Long-Term Exercise Protects against Cellular Stresses in Aged Mice. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	1.9	21
46	Advances in stem cell therapy for amyotrophic lateral sclerosis. Expert Opinion on Biological Therapy, 2018, 18, 865-881.	1.4	30
47	Adenosine Promotes Endplate nAChR Channel Activity in Adult Mouse Skeletal Muscle Fibers via Low Affinity P1 Receptors. Neuroscience, 2018, 383, 1-11.	1.1	7
48	Selective Calcium-Dependent Inhibition of ATP-Gated P2X3 Receptors by Bisphosphonate-Induced Endogenous ATP Analog AppppI. Journal of Pharmacology and Experimental Therapeutics, 2017, 361, 472-481.	1.3	21
49	Reconstructed Serine 288 in the Left Flipper Region of the Rat P2X7 Receptor Stabilizes Nonsensitized States. Biochemistry, 2017, 56, 3394-3402.	1.2	2
50	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). Redox Biology, 2017, 13, 94-162.	3.9	242
51	Collagen XIII secures pre- and postsynaptic integrity of the neuromuscular synapse. Human Molecular Genetics, 2017, 26, 2076-2090.	1.4	42
52	Serotonergic mechanisms of trigeminal meningeal nociception: Implications for migraine pain. Neuropharmacology, 2017, 116, 160-173.	2.0	77
53	Testing Genes Implicated in the Novel Case of Familial Hemiplegic Migraine. BioNanoScience, 2017, 7, 265-268.	1.5	3
54	Low serum 25-hydroxyvitamin D is associated with higher risk of frequent headache in middle-aged and older men. Scientific Reports, 2017, 7, 39697.	1.6	17

#	Article	IF	Citations
55	Improvement of Nociceptive Spike Clusterization with Shape Approximation. BioNanoScience, 2017, 7, 565-569.	1.5	5
56	PSEN1 Mutant iPSC-Derived Model Reveals Severe Astrocyte Pathology in Alzheimer's Disease. Stem Cell Reports, 2017, 9, 1885-1897.	2.3	239
57	Hydrogen sulfide inhibits giant depolarizing potentials and abolishes epileptiform activity of neonatal rat hippocampal slices. Neuroscience, 2017, 340, 153-165.	1.1	18
58	Pro-nociceptive migraine mediator CGRP provides neuroprotection of sensory, cortical and cerebellar neurons via multi-kinase signaling. Cephalalgia, 2017, 37, 1373-1383.	1.8	25
59	Immunoglobulins G from Sera of Amyotrophic Lateral Sclerosis Patients Induce Oxidative Stress and Upregulation of Antioxidative System in BV-2 Microglial Cell Line. Frontiers in Immunology, 2017, 8, 1619.	2.2	15
60	Functional Properties of Human NMDA Receptors Associated with Epilepsy-Related Mutations of GluN2A Subunit. Frontiers in Cellular Neuroscience, 2017, 11, 155.	1.8	31
61	Receptor Mechanisms Mediating the Pro-Nociceptive Action of Hydrogen Sulfide in Rat Trigeminal Neurons and Meningeal Afferents. Frontiers in Cellular Neuroscience, 2017, 11, 226.	1.8	21
62	Cerebellar Atrophy and Changes in Cytokines Associated with the CACNA1A R583Q Mutation in a Russian Familial Hemiplegic Migraine Type 1 Family. Frontiers in Cellular Neuroscience, 2017, 11, 263.	1.8	16
63	Age-Dependent, Subunit Specific Action of Hydrogen Sulfide on GluN1/2A and GluN1/2B NMDA Receptors. Frontiers in Cellular Neuroscience, 2017, 11, 375.	1.8	13
64	Cholinergic Nociceptive Mechanisms in Rat Meninges and Trigeminal Ganglia: Potential Implications for Migraine Pain. Frontiers in Neurology, 2017, 8, 163.	1.1	33
65	GluN2A Subunit-Containing NMDA Receptors Are the Preferential Neuronal Targets of Homocysteine. Frontiers in Cellular Neuroscience, 2016, 10, 246.	1.8	36
66	AÎ² and Inflammatory Stimulus Activate Diverse Signaling Pathways in Monocytic Cells: Implications in Retaining Phagocytosis in AÎ²-Laden Environment. Frontiers in Cellular Neuroscience, 2016, 10, 279.	1.8	5
67	Accurate measurement of the pulse wave delay with imaging photoplethysmography. Biomedical Optics Express, 2016, 7, 5138.	1.5	41
68	Nucleotide homeostasis and purinergic nociceptive signaling in rat meninges in migraine-like conditions. Purinergic Signalling, 2016, 12, 561-574.	1.1	51
69	Stable, synthetic analogs of diadenosine tetraphosphate inhibit rat and human P2X3 receptors and inflammatory pain. Molecular Pain, 2016, 12, 174480691663770.	1.0	11
70	Facilitation of Serotonin-Induced Signaling by the Migraine Mediator CGRP in Rat Trigeminal Neurons. BioNanoScience, 2016, 6, 357-360.	1.5	1
71	Acid Sensitive Ion Channels as Target of Hydrogen Sulfide in Rat Trigeminal Neurons. BioNanoScience, 2016, 6, 370-372.	1.5	0
72	Clustering Analysis for Sorting ATP-Induced Nociceptive Firing in rat Meninges. BioNanoScience, 2016, 6, 508-512.	1.5	18

#	Article	IF	Citations
73	Autonomous control of cardiovascular reactivity in patients with episodic and chronic forms of migraine. Journal of Headache and Pain, 2016, 17, 52.	2.5	25
74	Age-dependent action of reactive oxygen species on transmitter release in mammalian neuromuscular junctions. Neurobiology of Aging, 2016, 38, 73-81.	1.5	12
75	Origin of Infrared Light Modulation in Reflectance-Mode Photoplethysmography. PLoS ONE, 2016, 11, e0165413.	1.1	25
76	Parasympathetic Cholinergic and Neuropeptide Mechanisms of Migraine. Anesthesiology and Pain Medicine, 2016, 7, e42210.	0.5	11
77	Homocysteine-induced membrane currents, calcium responses and changes in mitochondrial potential in rat cortical neurons. Journal of Evolutionary Biochemistry and Physiology, 2015, 51, 296-304.	0.2	4
78	Complex role of peroxisome proliferator activator receptors (PPARs) in nociception. Scandinavian Journal of Pain, 2015, 9, 70-71.	0.5	2
79	Hunting for origins of migraine pain: cluster analysis of spontaneous and capsaicin-induced firing in meningeal trigeminal nerve fibers. Frontiers in Cellular Neuroscience, 2015, 9, 287.	1.8	53
80	Homocysteine aggravates ROS-induced depression of transmitter release from motor nerve terminals: potential mechanism of peripheral impairment in motor neuron diseases associated with hyperhomocysteinemia. Frontiers in Cellular Neuroscience, 2015, 9, 391.	1.8	25
81	Involvement of NMDA receptor subtypes in cortical spreading depression in rats assessed by fMRI. Neuropharmacology, 2015, 93, 164-170.	2.0	39
82	Mechanisms of hydrogen sulfide (H2S) action on synaptic transmission at the mouse neuromuscular junction. Neuroscience, 2015, 303, 577-585.	1.1	33
83	The involvement of P2Y12 receptors, NADPH oxidase, and lipid rafts in the action of extracellular ATP on synaptic transmission at the frog neuromuscular junction. Neuroscience, 2015, 285, 324-332.	1.1	23
84	The role of oxidative stress in degeneration of the neuromuscular junction in amyotrophic lateral sclerosis. Frontiers in Cellular Neuroscience, 2014, 8, 131.	1.8	111
85	ATP-gated P2X receptors in health and disease. Frontiers in Cellular Neuroscience, 2014, 8, 204.	1.8	26
86	Membrane current series monitoring: essential reduction of data points to finite number of stable parameters. Frontiers in Computational Neuroscience, 2014, 8, 120.	1.2	10
87	Ambiguity of mapping the relative phase of blood pulsations. Biomedical Optics Express, 2014, 5, 3123.	1.5	25
88	Fast vascular component of cortical spreading depression revealed in rats by blood pulsation imaging. Journal of Biomedical Optics, 2014, 19, 046011.	1.4	9
89	Special lipid-based diets alleviate cognitive deficits in the APPswe/PS1dE9 transgenic mouse model of Alzheimer's disease independent of brain amyloid deposition. Journal of Nutritional Biochemistry, 2014, 25, 157-169.	1.9	49
90	Acral coldness in migraineurs. Autonomic Neuroscience: Basic and Clinical, 2014, 180, 70-73.	1.4	7

#	Article	IF	Citations
91	Parenchymal Spin-Lock fMRI Signals Associated with Cortical Spreading Depression. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 768-775.	2.4	11
92	The role of NMDA and mGluR5 receptors in calcium mobilization and neurotoxicity of homocysteine in trigeminal and cortical neurons and glial cells. Journal of Neurochemistry, 2014, 129, 264-274.	2.1	67
93	Flat-floored Air-lifted Platform: A New Method for Combining Behavior with Microscopy or Electrophysiology on Awake Freely Moving Rodents. Journal of Visualized Experiments, 2014, , e51869.	0.2	44
94	Opposite Reactivity of Meningeal versus Cortical Microvessels to the Nitric Oxide Donor Glyceryl Trinitrate Evaluated In Vivo with Two-Photon Imaging. PLoS ONE, 2014, 9, e89699.	1.1	8
95	Redox-sensitive synchronizing action of adenosine on transmitter release at the neuromuscular junction. Neuroscience, 2013, 248, 699-707.	1.1	14
96	Nitroglycerinâ€induced changes in facial skin temperature: â€˜cold noseâ€™ as a predictor of headache?. Clinical Physiology and Functional Imaging, 2013, 33, 409-417.	0.5	11
97	Variability of Microcirculation Detected by Blood Pulsation Imaging. PLoS ONE, 2013, 8, e57117.	1.1	46
98	Asynchronicity of Facial Blood Perfusion in Migraine. PLoS ONE, 2013, 8, e80189.	1.1	37
99	Desensitization properties of P2X3 receptors shaping pain signaling. Frontiers in Cellular Neuroscience, 2013, 7, 245.	1.8	34
100	Reactive oxygen species contribute to the promotion of the ATP-mediated proliferation of mouse skeletal myoblasts. Free Radical Biology and Medicine, 2012, 53, 1392-1398.	1.3	26
101	Role of the Ectodomain Serine 275 in Shaping the Binding Pocket of the ATP-Gated P2X3 Receptor. Biochemistry, 2011, 50, 8427-8436.	1.2	15
102	Newborn Analgesia Mediated by Oxytocin during Delivery. Frontiers in Cellular Neuroscience, 2011, 5, 3.	1.8	102
103	Gender-Specific Mechanism of Synaptic Impairment and Its Prevention by GCSF in a Mouse Model of ALS. Frontiers in Cellular Neuroscience, 2011, 5, 26.	1.8	47
104	Unusually Strong Temperature Dependence of P2X3 Receptor Traffic to the Plasma Membrane. Frontiers in Cellular Neuroscience, 2011, 5, 27.	1.8	12
105	Highly conserved tyrosine 37 stabilizes desensitized states and restricts calcium permeability of ATPâ€gated P2X3 receptor. Journal of Neurochemistry, 2011, 119, 676-685.	2.1	16
106	Effects of H2O2 on electrical membrane properties of skeletal myotubes. Free Radical Biology and Medicine, 2011, 50, 337-344.	1.3	15
107	Granulocyte colony stimulating factor attenuates inflammation in a mouse model of amyotrophic lateral sclerosis. Journal of Neuroinflammation, 2011, 8, 74.	3.1	58
108	Amino Acid Residues Constituting the Agonist Binding Site of the Human P2X3 Receptor. Journal of Biological Chemistry, 2011, 286, 2739-2749.	1.6	40

#	Article	IF	Citations
109	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.	1.0	59
110	SNARE tagging allows stepwise assembly of a multimodular medicinal toxin. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18197-18201.	3.3	47
111	Muscle-Derived Collagen XIII Regulates Maturation of the Skeletal Neuromuscular Junction. Journal of Neuroscience, 2010, 30, 12230-12241.	1.7	94
112	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.	1.6	39
113	Sphingosine Facilitates SNARE Complex Assembly and Activates Synaptic Vesicle Exocytosis. Neuron, 2009, 62, 683-694.	3.8	136
114	Synthesis, photolysis studies and in vitro photorelease of caged TRPV1 agonists and antagonists. Organic and Biomolecular Chemistry, 2009, 7, 4695.	1.5	10
115	Molecular Mechanisms of Sensitization of Pain-transducing P2X3 Receptors by the Migraine Mediators CGRP and NGF. Molecular Neurobiology, 2008, 37, 83-90.	1.9	129
116	Aromatic residues at position 55 of rat Î±7 nicotinic acetylcholine receptors are critical for maintaining rapid desensitization. Journal of Physiology, 2008, 586, 1105-1115.	1.3	49
117	Mechanisms Mediating the Enhanced Gene Transcription of P2X3 Receptor by Calcitonin Gene-related Peptide in Trigeminal Sensory Neurons. Journal of Biological Chemistry, 2008, 283, 18743-18752.	1.6	87
118	Exocytotic Release of ATP from Cultured Astrocytes. Journal of Biological Chemistry, 2007, 282, 28749-28758.	1.6	225
119	Neutralization of Nerve Growth Factor Induces Plasticity of ATP-Sensitive P2X₃Receptors of Nociceptive Trigeminal Ganglion Neurons. Journal of Neuroscience, 2007, 27, 8190-8201.	1.7	80
120	Calcium-dependent trapping of mitochondria near plasma membrane in stimulated astrocytes. Brain Cell Biology, 2007, 35, 75-86.	3.5	19
121	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.	1.0	95
122	Experimental and Modeling Studies of Desensitization of P2X3 Receptors. Molecular Pharmacology, 2006, 70, 373-382.	1.0	61
123	Delayed Upregulation of ATP P2X3 Receptors of Trigeminal Sensory Neurons by Calcitonin Gene-Related Peptide. Journal of Neuroscience, 2006, 26, 6163-6171.	1.7	160
124	Reactive Oxygen Species Mediate the Potentiating Effects of ATP on GABAergic Synaptic Transmission in the Immature Hippocampus. Journal of Biological Chemistry, 2006, 281, 23464-23470.	1.6	40
125	ATP contributes to the generation of network-driven giant depolarizing potentials in the neonatal rat hippocampus. Journal of Physiology, 2005, 565, 981-992.	1.3	24
126	Adenosine Down-Regulates Giant Depolarizing Potentials in the Developing Rat Hippocampus by Exerting a Negative Control on Glutamatergic Inputs. Journal of Neurophysiology, 2005, 94, 2797-2804.	0.9	18

#	Article	IF	Citations
127	Desensitization of nicotinic ACh receptors: shaping cholinergic signaling. Trends in Neurosciences, 2005, 28, 371-378.	4.2	308
128	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.	1.6	47
129	Agonist-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.	2.7	48
130	Quantal release of ATP from clusters of PC12 cells. Journal of Physiology, 2004, 560, 505-517.	1.3	36
131	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.	2.7	41
132	Modulation of P2X3 receptors by Mg2+ on rat DRG neurons in culture. Neuropharmacology, 2003, 44, 132-140.	2.0	27
133	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.	1.0	23
134	Bimodal Action of Protons on ATP Currents of Rat PC12 Cells. Journal of General Physiology, 2003, 122, 33-44.	0.9	12
135	Functional Mapping and Ca²⁺Regulation of Nicotinic Acetylcholine Receptor Channels in Rat Hippocampal CA1 Neurons. Journal of Neuroscience, 2003, 23, 9024-9031.	1.7	120
136	Negative Cross Talk between Anionic GABA_Aand Cationic P2X Ionotropic Receptors of Rat Dorsal Root Ganglion Neurons. Journal of Neuroscience, 2001, 21, 4958-4968.	1.7	105