

Yun Gao

List of Publications by Year in descending order

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79
papers

2,382
citations

172207

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253896

43
g-index

89
all docs

89
docs citations

89
times ranked

2060
citing authors

#	ARTICLE	IF	CITATIONS
1	Selecting an Appropriate Animal Model of Depression. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4827.	1.8	127
2	LncRNA NONRATT021972 siRNA regulates neuropathic pain behaviors in type 2 diabetic rats through the P2X7 receptor in dorsal root ganglia. <i>Molecular Brain</i> , 2016, 9, 44.	1.3	105
3	LncRNA uc.48+ is involved in diabetic neuropathic pain mediated by the P2X3 receptor in the dorsal root ganglia. <i>Purinergic Signalling</i> , 2016, 12, 139-148.	1.1	91
4	LncRNA NONRATT021972 siRNA Decreases Diabetic Neuropathic Pain Mediated by the P2X3 Receptor in Dorsal Root Ganglia. <i>Molecular Neurobiology</i> , 2017, 54, 511-523.	1.9	91
5	VEGF and its receptor-2 involved in neuropathic pain transmission mediated by P2X2/3 receptor of primary sensory neurons. <i>Brain Research Bulletin</i> , 2010, 83, 284-291.	1.4	82
6	Nanoparticle-Encapsulated Curcumin Inhibits Diabetic Neuropathic Pain Involving the P2Y12 Receptor in the Dorsal Root Ganglia. <i>Frontiers in Neuroscience</i> , 2017, 11, 755.	1.4	70
7	Effect of tetramethylpyrazine on primary afferent transmission mediated by P2X3 receptor in neuropathic pain states. <i>Brain Research Bulletin</i> , 2008, 77, 27-32.	1.4	67
8	FAT10 mediates the effect of TNF- α in inducing chromosomal instability. <i>Journal of Cell Science</i> , 2011, 124, 3665-3675.	1.2	63
9	P2X receptors and modulation of pain transmission: Focus on effects of drugs and compounds used in traditional Chinese medicine. <i>Neurochemistry International</i> , 2010, 57, 705-712.	1.9	55
10	Effect of emodin on neuropathic pain transmission mediated by P2X2/3 receptor of primary sensory neurons. <i>Brain Research Bulletin</i> , 2011, 84, 406-413.	1.4	54
11	Role of puerarin in the signalling of neuropathic pain mediated by P2X3 receptor of dorsal root ganglion neurons. <i>Brain Research Bulletin</i> , 2012, 87, 37-43.	1.4	53
12	Disruption of FAT10-MAD2 binding inhibits tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5282-91.	3.3	48
13	FAT10, an ubiquitin-like protein, confers malignant properties in non-tumorigenic and tumorigenic cells. <i>Carcinogenesis</i> , 2014, 35, 923-934.	1.3	44
14	Nanoparticle-encapsulated emodin decreases diabetic neuropathic pain probably via a mechanism involving P2X3 receptor in the dorsal root ganglia. <i>Purinergic Signalling</i> , 2017, 13, 559-568.	1.1	44
15	Beneficial effects of evodiamine on P2X4-mediated inflammatory injury of human umbilical vein endothelial cells due to high glucose. <i>International Immunopharmacology</i> , 2015, 28, 1044-1049.	1.7	42
16	Effects of palmatine on rats with comorbidity of diabetic neuropathic pain and depression. <i>Brain Research Bulletin</i> , 2018, 139, 56-66.	1.4	42
17	Quercetin relieved diabetic neuropathic pain by inhibiting upregulated P2X ₄ receptor in dorsal root ganglia. <i>Journal of Cellular Physiology</i> , 2019, 234, 2756-2764.	2.0	42
18	P2X7 inhibition in stellate ganglia prevents the increased sympathoexcitatory reflex via sensory-sympathetic coupling induced by myocardial ischemic injury. <i>Brain Research Bulletin</i> , 2013, 96, 71-85.	1.4	41

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19	Effect of sodium ferulate on the hyperalgesia mediated by P2X3 receptor in the neuropathic pain rats. <i>Brain Research</i> , 2010, 1313, 215-221.	1.1	40
20	Osthole alleviated diabetic neuropathic pain mediated by the P2X4 receptor in dorsal root ganglia. <i>Brain Research Bulletin</i> , 2018, 142, 289-296.	1.4	39
21	Sensory sympathetic coupling in superior cervical ganglia after myocardial ischemic injury facilitates sympathoexcitatory action via P2X7 receptor. <i>Purinergic Signalling</i> , 2013, 9, 463-479.	1.1	38
22	The effect of sinomenine in diabetic neuropathic pain mediated by the P2X3 receptor in dorsal root ganglia. <i>Purinergic Signalling</i> , 2017, 13, 227-235.	1.1	38
23	Effect of tetramethylpyrazine on acute nociception mediated by signaling of P2X receptor activation in rat. <i>Brain Research</i> , 2004, 995, 247-252.	1.1	37
24	Effect of tetramethylpyrazine on DRG neuron P2X3 receptor involved in transmitting pain after burn. <i>Burns</i> , 2010, 36, 127-134.	1.1	36
25	Puerarin blocks the signaling transmission mediated by P2X3 in SG and DRG to relieve myocardial ischemic damage. <i>Brain Research Bulletin</i> , 2014, 101, 57-63.	1.4	33
26	Electrophysiological studies of upregulated P2X7 receptors in rat superior cervical ganglia after myocardial ischemic injury. <i>Neurochemistry International</i> , 2013, 63, 230-237.	1.9	32
27	High fatty acids modulate P2X7 expression and IL-6 release via the p38 MAPK pathway in PC12 cells. <i>Brain Research Bulletin</i> , 2013, 94, 63-70.	1.4	31
28	Role of sodium ferulate in the nociceptive sensory facilitation of neuropathic pain injury mediated by P2X3 receptor. <i>Neurochemistry International</i> , 2008, 53, 278-282.	1.9	30
29	Protection of vascular endothelial cells from high glucose-induced cytotoxicity by emodin. <i>Biochemical Pharmacology</i> , 2015, 94, 39-45.	2.0	30
30	Dihydromyricetin Alleviates Diabetic Neuropathic Pain and Depression Comorbidity Symptoms by Inhibiting P2X7 Receptor. <i>Frontiers in Psychiatry</i> , 2019, 10, 770.	1.3	30
31	Role of P2X3 receptor in myocardial ischemia injury and nociceptive sensory transmission. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2008, 139, 30-37.	1.4	29
32	LncRNA NONRAT021972 siRNA attenuates P2X7 receptor expression and inflammatory cytokine production induced by combined high glucose and free fatty acids in PC12 cells. <i>Purinergic Signalling</i> , 2016, 12, 259-268.	1.1	29
33	Expressions of P2X2 and P2X3 receptors in rat nodose neurons after myocardial ischemia injury. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2009, 145, 71-75.	1.4	28
34	Effects of nanoparticle-encapsulated curcumin on HIV-gp120-associated neuropathic pain induced by the P2X 3 receptor in dorsal root ganglia. <i>Brain Research Bulletin</i> , 2017, 135, 53-61.	1.4	28
35	The P2X 7 receptor in dorsal root ganglia is involved in HIV gp120-associated neuropathic pain. <i>Brain Research Bulletin</i> , 2017, 135, 25-32.	1.4	28
36	P2Y12 receptor upregulation in satellite glial cells is involved in neuropathic pain induced by HIV glycoprotein 120 and 2'-3'-dideoxycytidine. <i>Purinergic Signalling</i> , 2018, 14, 47-58.	1.1	28

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37	Andrographolide Inhibits Mechanical and Thermal Hyperalgesia in a Rat Model of HIV-Induced Neuropathic Pain. <i>Frontiers in Pharmacology</i> , 2018, 9, 593.	1.6	27
38	LncRNA NONRATTO21972 involved the pathophysiologic processes mediated by P2X7 receptors in stellate ganglia after myocardial ischemic injury. <i>Purinergic Signalling</i> , 2016, 12, 127-137.	1.1	26
39	Effects of long non-coding RNA uc.48+ on pain transmission in trigeminal neuralgia. <i>Brain Research Bulletin</i> , 2019, 147, 92-100.	1.4	26
40	Puerarin alleviates aggravated sympathoexcitatory response induced by myocardial ischemia via regulating P2X3 receptor in rat superior cervical ganglia. <i>Neurochemistry International</i> , 2014, 70, 39-49.	1.9	25
41	Trans-Resveratrol Attenuates High Fatty Acid-Induced P2X7 Receptor Expression and IL-6 Release in PC12 Cells: Possible Role of P38 MAPK Pathway. <i>Inflammation</i> , 2015, 38, 327-337.	1.7	25
42	Inhibitory effects of tetramethylpyrazine on pain transmission of trigeminal neuralgia in CCI-HON rats. <i>Brain Research Bulletin</i> , 2017, 134, 72-78.	1.4	25
43	Dihydromyricetin affects BDNF levels in the nervous system in rats with comorbid diabetic neuropathic pain and depression. <i>Scientific Reports</i> , 2019, 9, 14619.	1.6	24
44	Effect of puerarin on P2X3 receptor involved in hyperalgesia after burn injury in the rat. <i>Brain Research Bulletin</i> , 2009, 80, 341-346.	1.4	22
45	Implicación de los receptores P2X3 de ganglios simpáticos en la transmisión nociceptiva cardiaca en rata. <i>Journal of Physiology and Biochemistry</i> , 2007, 63, 249-257.	1.3	21
46	P2Y12 shRNA treatment decreases SGC activation to relieve diabetic neuropathic pain in type 2 diabetes mellitus rats. <i>Journal of Cellular Physiology</i> , 2018, 233, 9620-9628.	2.0	21
47	Topical and systemic administrations of ketanserin attenuate hypersensitivity and expression of CGRP in rats with spinal nerve ligation. <i>European Journal of Pharmacology</i> , 2010, 627, 124-130.	1.7	20
48	Effects of puerarin on the inflammatory role of burn-related procedural pain mediated by P2X7 receptors. <i>Burns</i> , 2013, 39, 610-618.	1.1	20
49	A317491 relieved HIV gp120-associated neuropathic pain involved in P2X3 receptor in dorsal root ganglia. <i>Brain Research Bulletin</i> , 2017, 130, 81-89.	1.4	20
50	P2Y 12 shRNA treatment relieved HIV gp120-induced neuropathic pain in rats. <i>Neurochemistry International</i> , 2018, 112, 259-266.	1.9	20
51	Neferine Inhibits the Upregulation of CCL5 and CCR5 in Vascular Endothelial Cells During Chronic High Glucose Treatment. <i>Inflammation</i> , 2013, 36, 300-308.	1.7	19
52	Silibinin down-regulates FAT10 and modulate TNF- α /IFN- β -induced chromosomal instability and apoptosis sensitivity. <i>Biology Open</i> , 2015, 4, 961-969.	0.6	19
53	Effects of 1,8-cineole on neuropathic pain mediated by P2X2 receptor in the spinal cord dorsal horn. <i>Scientific Reports</i> , 2019, 9, 7909.	1.6	19
54	Naringin Protects Against High Glucose-Induced Human Endothelial Cell Injury Via Antioxidation and CX3CL1 Downregulation. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 2540-2551.	1.1	18

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55	Puerarin alleviates burn-related procedural pain mediated by P2X3 receptors. <i>Purinergic Signalling</i> , 2011, 7, 489-497.	1.1	17
56	Correction of Hyperglycemia in Type 1 Diabetic Models by Transplantation of Encapsulated Insulin-producing Cells Derived from Mouse Embryo Progenitor. <i>Journal of Endocrinology</i> , 2011, 208, 245-55.	1.2	17
57	Gallic Acid Alleviates Visceral Pain and Depression via Inhibition of P2X7 Receptor. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6159.	1.8	17
58	Evodiamine Attenuates P2X ₇ -Mediated Inflammatory Injury of Human Umbilical Vein Endothelial Cells Exposed to High Free Fatty Acids. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	16
59	Protective Effects of Oxymatrine on Vascular Endothelial Cells from High-Glucose-Induced Cytotoxicity by Inhibiting the Expression of A2B Receptor. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 558-571.	1.1	15
60	The Inhibition by Guanfu Base A of Neuropathic Pain Mediated by P2Y ₁₂ Receptor in Dorsal Root Ganglia. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1318-1325.	1.7	15
61	LncRNA NONRATT021972 siRNA normalized the dysfunction of hepatic glucokinase through AKT signaling in T2DM rats. <i>Endocrine Research</i> , 2017, 42, 1-11.	0.6	14
62	Co-expression changes of lncRNAs and mRNAs in the cervical sympathetic ganglia in diabetic cardiac autonomic neuropathic rats. <i>Journal of Neuroscience Research</i> , 2017, 95, 1690-1699.	1.3	13
63	The effects of NONRATT021972 lncRNA siRNA on PC12 neuronal injury mediated by P2X7 receptor after exposure to oxygen-glucose deprivation. <i>Purinergic Signalling</i> , 2016, 12, 479-487.	1.1	12
64	Effects of anti-rVEGF on the expression of VEGF receptor-2 and P2X _{2/3} receptors of the spinal dorsal horn in neuropathic pain rats. <i>Brain Research Bulletin</i> , 2012, 87, 227-233.	1.4	11
65	Downregulation of P2Y ₁₂ in the superior cervical ganglia alleviates abnormal sympathetic activity after myocardial ischemia. <i>Journal of Cellular Physiology</i> , 2018, 233, 3375-3383.	2.0	11
66	Inhibitory Effects of Palmatine on P2X7 Receptor Expression in Trigeminal Ganglion and Facial Pain in Trigeminal Neuralgia Rats. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 672022.	1.8	9
67	Effects of lncRNA uc.48+ siRNA on the release of CGRP in the spinal cords of rats with diabetic neuropathic pain. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 9960-9969.	0.5	9
68	Effects of intermedin on dorsal root ganglia in the transmission of neuropathic pain in chronic constriction injury rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 780-787.	0.9	8
69	Protective effects of dihydromyricetin on primary hippocampal astrocytes from cytotoxicity induced by comorbid diabetic neuropathic pain and depression. <i>Purinergic Signalling</i> , 2020, 16, 585-599.	1.1	8
70	Effects of palmatine on BDNF/TrkB-mediated trigeminal neuralgia. <i>Scientific Reports</i> , 2020, 10, 4998.	1.6	8
71	Baicalin Depresses the Sympathoexcitatory Reflex Induced by Myocardial Ischemia via the Dorsal Root Ganglia. <i>Frontiers in Physiology</i> , 2018, 9, 928.	1.3	5
72	The role of P2X7 receptor in PC12 cells after exposure to oxygen-glucose deprivation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014, 185, 36-42.	1.4	4

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73	Emodin inhibits the expression of receptor and calcitonin-gene-related peptide release in trigeminal ganglia of trigeminal neuralgia rats. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 11317-11325.	0.5	4
74	Long non-coding RNA MSTRG.81401 short hairpin RNA relieves diabetic neuropathic pain and behaviors of depression by inhibiting P2X4 receptor expression in type 2 diabetic rats. <i>Purinergic Signalling</i> , 2023, 19, 123-133.	1.1	3
75	Effect of ferulic acid on primary sensory afferent of neuropathic pain mediated by P2X3 receptor. <i>Cell Biology International</i> , 2008, 32, S58-S59.	1.4	2
76	Effect of TMP on burn injury pain mediated by P2X3 receptor. <i>Cell Biology International</i> , 2008, 32, S56-S56.	1.4	0
77	Role of P2X2/3 receptors on nociceptive transmission of trigeminal neuralgia. <i>Cell Biology International</i> , 2010, 34, S16-S16.	1.4	0
78	Effect of emodin on nociceptive signal transmission of myocardial ischemia mediated by P2X _{2/3} receptor on stellate ganglion neurons.. <i>Cell Biology International</i> , 2010, 34, S32-S32.	1.4	0
79	The effects of emodin on the expression of P2X ₃ receptor in cervical dorsal root ganglia of rats after myocardial ischemic injury. <i>Cell Biology International</i> , 2010, 34, S22-S22.	1.4	0