Ying Xia

List of Publications by Year
in descending order

129 papers	4,896 citations	101535 36 h-index	106340 65 g-index
134 all docs	134 docs citations	134 times ranked	5299 citing authors

#	Article	IF	Citations
1	Hypoxic/Ischemic Inflammation, MicroRNAs and Î´-Opioid Receptors: Hypoxia/Ischemia-Sensitive Versus-Insensitive Organs. Frontiers in Aging Neuroscience, 2022, 14, .	3.4	3
2	Alleviation of TGFâ€Î²1 induced tubular epithelialâ€"mesenchymal transition via the Î´â€opioid receptor. FEBS Journal, 2021, 288, 1243-1258.	4.7	6
3	Activation of anterior thalamic reticular nucleus GABAergic neurons promotes arousal from propofol anesthesia in mice. Acta Biochimica Et Biophysica Sinica, 2021, 53, 883-892.	2.0	6
4	Hair Growth Promotion by Î´-Opioid Receptor Activation. Biomolecules and Therapeutics, 2021, 29, 643-649.	2.4	3
5	GATA3 suppresses human fibroblasts-induced metastasis of clear cell renal cell carcinoma via an anti-IL6/STAT3 mechanism. Cancer Gene Therapy, 2020, 27, 726-738.	4.6	6
6	Mast Cell Degranulation and Adenosine Release:Acupoint Specificity for Effect of Electroacupuncture on Pituitrin-Induced Acute Heart Bradycardia in Rabbits. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-15.	1.2	4
7	Opposite Roles of Î´- and Î¼-Opioid Receptors in BACE1 Regulation and Alzheimerâ€™s Injury. Frontiers in Cellular Neuroscience, 2020, 14, 88.	3.7	10
8	Î´-Opioid Receptors, microRNAs, and Neuroinflammation in Cerebral Ischemia/Hypoxia. Frontiers in Immunology, 2020, 11, 421.	4.8	25
9	Î´-opioid receptor activation protects against Parkinsonâ€™s disease-related mitochondrial dysfunction by enhancing PINK1/Parkin-dependent mitophagy. Aging, 2020, 12, 25035-25059.	3.1	9
10	Î´-Opioid Receptor Activation Attenuates the Oligomer Formation Induced by Hypoxia and/or Î±-Synuclein Overexpression/Mutation Through Dual Signaling Pathways. Molecular Neurobiology, 2019, 56, 3463-3475.	4.0	22
11	Preservation Solutions for Kidney Transplantation: History, Advances and Mechanisms. Cell Transplantation, 2019, 28, 1472-1489.	2.5	39
12	Acupuncture Treatment for Pain: Clinical and Laboratory Research. , 2019, , 249-307.		0
13	Real-time analysis of ATP concentration in acupoints during acupuncture: a new technique combining microdialysis with patch clamp. Journal of Biological Engineering, 2019, 13, 93.	4.7	4
14	Î´-Opioid Receptor-Nrf-2-Mediated Inhibition of Inflammatory Cytokines in Neonatal Hypoxic-Ischemic Encephalopathy. Molecular Neurobiology, 2019, 56, 5229-5240.	4.0	13
15	Î´-Opioid Receptor Activation Attenuates Hypoxia/MPP+-Induced Downregulation of PINK1: a Novel Mechanism of Neuroprotection Against Parkinsonian Injury. Molecular Neurobiology, 2019, 56, 252-266.	4.0	13
16	The Î´-Opioid Receptor Differentially Regulates MAPKs and Anti-inflammatory Cytokines in Rat Kidney Epithelial Cells Under Hypoxia. Frontiers in Physiology, 2019, 10, 1572.	2.8	4
17	Factors Influencing Acupuncture Research. , 2019, , 421-483.		0
18	Critical roles of TRPV2 channels, histamine H1 and adenosine A1 receptors in the initiation of acupoint signals for acupuncture analgesia. Scientific Reports, 2018, 8, 6523.	3.3	62

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19	Major Differences in Hypoxia Tolerance and P38 Regulation Among Different Renal Cells. Cellular Physiology and Biochemistry, 2018, 46, 1483-1492.	1.6	1
20	Neuroprotection Against Hypoxic/Ischemic Injury: Î´-Opioid Receptors and BDNF-TrkB Pathway. Cellular Physiology and Biochemistry, 2018, 47, 302-315.	1.6	37
21	Mast Cells and Nerve Signal Conduction in Acupuncture. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-9.	1.2	17
22	The deltaâ€opioid receptor and Parkinsonâ€™s disease. CNS Neuroscience and Therapeutics, 2018, 24, 1089-1099.	3.9	16
23	Differences in Tfh Cell Response between the Graft and Spleen with Chronic Allograft Nephropathy. Cell Transplantation, 2017, 26, 95-102.	2.5	3
24	ERK and p38 Upregulation versus Bcl-6 Downregulation in Rat Kidney Epithelial Cells Exposed to Prolonged Hypoxia. Cell Transplantation, 2017, 26, 1441-1451.	2.5	7
25	Unmet challenges for rehabilitation after stroke in China. Lancet, The, 2017, 390, 121-122.	13.7	37
26	Characteristic MicroRNA Expression Induced by Î´-Opioid Receptor Activation in the Rat Liver Under Prolonged Hypoxia. Cellular Physiology and Biochemistry, 2017, 44, 2296-2309.	1.6	36
27	TLR4 Signaling in MPP⁺-Induced Activation of BV-2 Cells. Neural Plasticity, 2016, 2016, 1-9.	2.2	32
28	Cytoprotection against Hypoxic and/or MPP+ Injury: Effect of Î´â€“Opioid Receptor Activation on Caspase 3. International Journal of Molecular Sciences, 2016, 17, 1179.	4.1	16
29	Human behavioral assessments in current research of Parkinsonâ€™s disease. Neuroscience and Biobehavioral Reviews, 2016, 68, 741-772.	6.1	58
30	Position Emission Tomography/Singleâ€Photon Emission Tomography Neuroimaging for Detection of Premotor Parkinson's Disease. CNS Neuroscience and Therapeutics, 2016, 22, 167-177.	3.9	18
31	Mitogen-Activated Protein Kinases and Hypoxic/Ischemic Nephropathy. Cellular Physiology and Biochemistry, 2016, 39, 1051-1067.	1.6	44
32	Animal behavioral assessments in current research of Parkinsonâ€™s disease. Neuroscience and Biobehavioral Reviews, 2016, 65, 63-94.	6.1	63
33	microRNA-328 inhibits cervical cancer cell proliferation and tumorigenesis by targeting TCF7L2. Biochemical and Biophysical Research Communications, 2016, 475, 169-175.	2.1	39
34	Nur77 exacerbates PC12 cellular injury in vitro by aggravating mitochondrial impairment and endoplasmic reticulum stress. Scientific Reports, 2016, 6, 34403.	3.3	26
35	Î´-Opioid Receptor Activation and MicroRNA Expression in the Rat Heart Under Prolonged Hypoxia. Cellular Physiology and Biochemistry, 2016, 39, 1118-1128.	1.6	25
36	Reversal effect of simvastatin on the decrease in cannabinoid receptor 1 density in 6-hydroxydopamine lesioned rat brains. Life Sciences, 2016, 155, 123-132.	4.3	9

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37	Attenuating Ischemic Disruption of K+ Homeostasis in the Cortex of Hypoxic-Ischemic Neonatal Rats: DOR Activation vs. Acupuncture Treatment. Molecular Neurobiology, 2016, 53, 7213-7227.	4.0	13
38	Contra-directional Coupling of Nur77 and Nurr1 in Neurodegeneration: A Novel Mechanism for Memantine-Induced Anti-inflammation and Anti-mitochondrial Impairment. Molecular Neurobiology, 2016, 53, 5876-5892.	4.0	72
39	Increased circulating follicular helper T cells with decreased programmed death-1 in chronic renal allograft rejection. BMC Nephrology, 2015, 16, 182.	1.8	36
40	Low Cerebral Glucose Metabolism: A Potential Predictor for the Severity of Vascular Parkinsonism and Parkinsonâ€™s Disease. , 2015, 6, 426.		28
41	Lower Bone Mineral Density in Patients with Parkinsonâ€™s Disease: A Cross-Sectional Study from Chinese Mainland. Frontiers in Aging Neuroscience, 2015, 7, 203.	3.4	24
42	Developmental Distribution of the Î´-Opioid Receptor in Mammalian Brains. , 2015, , 89-115.		0
43	Are Î´-Opioid Receptors Involved in Deep Brain Stimulation?. , 2015, , 521-581.		1
44	A novel mechanism for cytoprotection against hypoxic injury: Î´â€opioid receptorâ€mediated increase in <scp>N</scp>rf2 translocation. British Journal of Pharmacology, 2015, 172, 1869-1881.	5.4	34
45	Current Research on the Î´-Opioid Receptor: From Neuroprotection Against Hypoxia/Ischemia to Broad Neural Functions. , 2015, , 1-44.		3
46	The Delta-Opioid System in the Brain: A Neglected Element in Parkinsonâ€™s Disease?. , 2015, , 461-520.		2
47	Acupuncture, Opioid Receptors and Na+ Channels: A Novel Insight into Inhibition of Epileptic Hyperexcitability. , 2015, , 583-605.		5
48	Effects of Hypoxia and Ischemia on MicroRNAs in the Brain. Current Medicinal Chemistry, 2015, 22, 1292-1301.	2.4	15
49	Î´-Opioid Receptor Induced Neuroprotection against Hypoxic/Ischemic Injury: Regulation of Ionic Homeostasis. Journal of Anesthesia and Perioperative Medicine, 2015, 2, 325-335.	0.2	2
50	Evolutionary Distribution of the Î´-Opioid Receptor: From Invertebrates to Humans. , 2015, , 67-87.		1
51	The Î´-Opioid Receptor and Stabilization of Brain Ionic Homeostasis in Hypoxia/Ischemia. , 2015, , 247-348.		1
52	The Role of Î´-Opioid Receptors in Brain Ionic Homeostasis Under Physiological Condition. , 2015, , 117-246.		1
53	An Important Role of the Î´-Opioid Receptor in Electroacupuncture-Induced Protection Against Ischemic Brain Injury. , 2015, , 409-435.		1
54	The Various Functions of Opioids in Pathophysiological Conditions. , 2015, , 631-685.		1

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55	The REST Gene Signature Predicts Drug Sensitivity in Neuroblastoma Cell Lines and Is Significantly Associated with Neuroblastoma Tumor Stage. International Journal of Molecular Sciences, 2014, 15, 11220-11233.	4.1	26
56	Deep Brain Stimulation: Are Astrocytes a Key Driver Behind the Scene?. CNS Neuroscience and Therapeutics, 2014, 20, 191-201.	3.9	67
57	Î´â€Opioid receptors upâ€regulate excitatory amino acid transporters in mouse astrocytes. British Journal of Pharmacology, 2014, 171, 5417-5430.	5.4	35
58	Hypoxia induces adipocyte differentiation of adiposeâ€derived stem cells by triggering reactive oxygen species generation. Cell Biology International, 2014, 38, 32-40.	3.0	51
59	Î´-Opioid receptor activation reduces Î±-synuclein overexpression and oligomer formation induced by MPP+ and/or hypoxia. Experimental Neurology, 2014, 255, 127-136.	4.1	42
60	Non-pharmaceutical therapies for stroke: Mechanisms and clinical implications. Progress in Neurobiology, 2014, 115, 246-269.	5.7	73
61	MicroRNA-181b promotes ovarian cancer cell growth and invasion by targeting LATS2. Biochemical and Biophysical Research Communications, 2014, 447, 446-451.	2.1	43
62	Î´-Opioid Receptors and Inflammatory Cytokines in Hypoxia: Differential Regulation Between Glial and Neuron-Like Cells. Translational Stroke Research, 2014, 5, 476-483.	4.2	27
63	Neuroprotection against hypoxia/ischemia: Î´-opioid receptor-mediated cellular/molecular events. Cellular and Molecular Life Sciences, 2013, 70, 2291-2303.	5.4	77
64	Acupuncture Modulation of Neural Transmitters/Modulators. , 2013, , 1-36.		1
65	Acupuncture Treatment of Epilepsy. , 2013, , 129-214.		5
66	Acupuncture Treatment for Parkinsonâ€™s Disease. , 2013, , 215-253.		3
67	Can Acupuncture Treat Alzheimerâ€™s Disease and Other Neurodegenerative Disorders?. , 2013, , 255-301.		1
68	Interference control in 6â€“11 yearâ€old children with and without ADHD: behavioral and ERP study. International Journal of Developmental Neuroscience, 2013, 31, 342-349.	1.6	23
69	Electroacupuncture-Induced Attenuation of Experimental Epilepsy: A Comparative Evaluation of Acupoints and Stimulation Parameters. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-10.	1.2	12
70	From Acupuncture to Interaction betweenÎ´-Opioid Receptors and Na+Channels: A Potential Pathway to Inhibit Epileptic Hyperexcitability. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-17.	1.2	14
71	Electroacupuncture and Brain Protection against Cerebral Ischemia: Specific Effects of Acupoints. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-14.	1.2	20
72	Effect of Electroacupuncture on Rat Ischemic Brain Injury: Importance of Stimulation Duration. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-12.	1.2	18

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73	Effect of Î´-Opioid Receptor Activation on BDNF-TrkB vs. TNF-Î± in the Mouse Cortex Exposed to Prolonged Hypoxia. International Journal of Molecular Sciences, 2013, 14, 15959-15976.	4.1	34
74	Î´-Opioid Receptor Activation Rescues the Functional TrkB Receptor and Protects the Brain from Ischemia-Reperfusion Injury in the Rat. PLoS ONE, 2013, 8, e69252.	2.5	38
75	Future Research in Acupuncture: Better Design and Analysis for Novel and Valid Findings. , 2013, , 687-725.		5
76	Î´-Opioid Receptor Activation Modified MicroRNA Expression in the Rat Kidney under Prolonged Hypoxia. PLoS ONE, 2013, 8, e61080.	2.5	15
77	Hydrogen Sulfide Induced Disruption of Na+ Homeostasis in the Cortex. Toxicological Sciences, 2012, 128, 198-208.	3.1	15
78	Current Research on Opioid Receptor Function. Current Drug Targets, 2012, 13, 230-246.	2.1	254
79	Primary Involvement of NADPH Oxidase 4 in Hypoxia-Induced Generation of Reactive Oxygen Species in Adipose-Derived Stem Cells. Stem Cells and Development, 2012, 21, 2212-2221.	2.1	59
80	Neurotransmitter receptors and cognitive dysfunction in Alzheimer's disease and Parkinson's disease. Progress in Neurobiology, 2012, 97, 1-13.	5.7	235
81	Î´-Opioid Receptor Activation and MicroRNA Expression of the Rat Cortex in Hypoxia. PLoS ONE, 2012, 7, e51524.	2.5	21
82	DOR activation inhibits anoxic/ischemic Na+ influx through Na+ channels via PKC mechanisms in the cortex. Experimental Neurology, 2012, 236, 228-239.	4.1	27
83	Electroacupuncture increased cerebral blood flow and reduced ischemic brain injury: dependence on stimulation intensity and frequency. Journal of Applied Physiology, 2011, 111, 1877-1887.	2.5	66
84	Effects of inhibitory amino acids on expression of GABAA RÎ± and glycine RÎ±1 in hypoxic rat cortical neurons during development. Brain Research, 2011, 1425, 1-12.	2.2	2
85	The Pivotal Role of Reactive Oxygen Species Generation in the Hypoxia-Induced Stimulation of Adipose-Derived Stem Cells. Stem Cells and Development, 2011, 20, 1753-1761.	2.1	83
86	Generation of reactive oxygen species in adipose-derived stem cells: friend or foe?. Expert Opinion on Therapeutic Targets, 2011, 15, 1297-1306.	3.4	43
87	Effect of Delta-Opioid Receptor Over-Expression on Cortical Expression of GABA(subscript A) Receptor Î±1-Subunit in Hypoxia. Chinese Journal of Physiology, 2011, 54, 118-123.	1.0	24
88	Acupuncture-Induced Activation of Endogenous Opioid System. , 2010, , 104-119.		14
89	Ionic storm in hypoxic/ischemic stress: Can opioid receptors subside it?. Progress in Neurobiology, 2010, 90, 439-470.	5.7	90
90	Effects of Acupuncture on Arrhythmia and Other Cardiac Diseases. , 2010, , 263-288.		4

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91	Acupuncture Therapy for Hypertension and Hypotension. , 2010, , 289-325.		4
92	Effect of Acupuncture on Neurotransmitters/Modulators. , 2010, , 120-142.		17
93	Acupuncture Therapy for Stroke. , 2010, , 226-262.		11
94	Î´-Opioid receptors protect from anoxic disruption of Na+ homeostasis via Na+ channel regulation. Cellular and Molecular Life Sciences, 2009, 66, 3505-3516.	5.4	41
95	Î´-Opioid receptor activation attenuates oxidative injury in the ischemic rat brain. BMC Biology, 2009, 7, 55.	3.8	88
96	Hypoxiaâ€enhanced woundâ€healing function of adiposeâ€derived stem cells: Increase in stem cell proliferation and upâ€regulation of VEGF and bFGF. Wound Repair and Regeneration, 2009, 17, 540-547.	3.0	383
97	A novel insight into neuroprotection against hypoxic/ischemic stress. Acta Physiologica Sinica, 2009, 61, 585-92.	0.5	19
98	Î´-opioid Receptor induced inhibition of sodium channel function. Journal of Acupuncture and Tuina Science, 2008, 6, 276-278.	0.3	0
99	Effect of electroacupuncture on experimental epilepsy: Roles of different acupoints and stimulation parameters. Journal of Acupuncture and Tuina Science, 2008, 6, 279-280.	0.3	2
100	Effects of continuous hypoxia on energy metabolism in cultured cerebro-cortical neurons. Brain Research, 2008, 1229, 147-154.	2.2	29
101	Activation of DOR Attenuates Anoxic K+ Derangement via Inhibition of Na+ Entry in Mouse Cortex. Cerebral Cortex, 2008, 18, 2217-2227.	2.9	53
102	Î´-, but not Âµ-, opioid receptor stabilizes K+ homeostasis by reducing Ca2+ influx in the cortex during acute hypoxia. Journal of Cellular Physiology, 2007, 212, 60-67.	4.1	80
103	Cortical Î´-Opioid Receptors Potentiate K+ Homeostasis During Anoxia and Oxygenâ€"Glucose Deprivation. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 356-368.	4.3	60
104	Anisomycin protects cortical neurons from prolonged hypoxia with differential regulation of p38 and ERK. Brain Research, 2007, 1149, 76-86.	2.2	23
105	Rapid Hypoxia Preconditioning Protects Cortical Neurons From Glutamate Toxicity Through Î´-Opioid Receptor. Stroke, 2006, 37, 1094-1099.	2.0	94
106	GABA and glycine are protective to mature but toxic to immature rat cortical neurons under hypoxia. European Journal of Neuroscience, 2005, 22, 289-300.	2.6	36
107	Oxygen-sensitive Î´-Opioid Receptor-regulated Survival and Death Signals. Journal of Biological Chemistry, 2005, 280, 16208-16218.	3.4	156
108	Down-regulation of delta-opioid receptors in Na+/H+ exchanger 1 null mutant mouse brain with epilepsy. Neuroscience Research, 2005, 53, 442-446.	1.9	29

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109	Intermittent hypoxia modulates Na + channel expression in developing mouse brain. International Journal of Developmental Neuroscience, 2005, 23, 327-333.	1.6	15
110	Effect of protein kinases on lactate dehydrogenase activity in cortical neurons during hypoxia. Brain Research, 2004, 1009, 195-202.	2.2	24
111	Na+ Channel Expression and Neuronal Function in the Na+/H+ Exchanger 1 Null Mutant Mouse. Journal of Neurophysiology, 2003, 89, 229-236.	1.8	51
112	Neuroprotective role of Î´-opioid receptors in cortical neurons. American Journal of Physiology - Cell Physiology, 2002, 282, C1225-C1234.	4.6	147
113	Major difference in the expression of ?- and ?-opioid receptors between turtle and rat brain. Journal of Comparative Neurology, 2001, 436, 202-210.	1.6	100
114	Major difference in the expression of Î´â€•and Î¼â€•opioid receptors between turtle and rat brain. Journal of Comparative Neurology, 2001, 436, 202-210.	1.6	1
115	Effect of respiratory muscle training on GLUT-4 in the sheep diaphragm. Medicine and Science in Sports and Exercise, 2000, 32, 1406-1411.	0.4	9
116	Î´-, but not Î¼- and Îº-, opioid receptor activation protects neocortical neurons from glutamate-induced excitotoxic injury. Brain Research, 2000, 885, 143-153.	2.2	151
117	Increased neuronal excitability after long-term O2 deprivation is mediated mainly by sodium channels. Molecular Brain Research, 2000, 76, 211-219.	2.3	34
118	Mechanisms underlying hypoxia-induced neuronal apoptosis. Progress in Neurobiology, 2000, 62, 215-249.	5.7	264
119	Effect of chronic hypoxia on glucose transporters in heart and skeletal muscle of immature and adult rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1997, 273, R1734-R1741.	1.8	39
120	Chronic hypoxia causes opposite effects on glucose transporter 1 mRNA in mature versus immature rat brain. Brain Research, 1995, 675, 224-230.	2.2	27
121	Postnatal development of voltage sensitive Na+ channels in rat brain. Journal of Comparative Neurology, 1994, 345, 279-287.	1.6	35
122	Voltage-sensitive Na+ channels increase in number in newborn rat brain after in utero hypoxia. Brain Research, 1994, 635, 339-344.	2.2	16
123	Neuroanatomical distribution and binding properties of saxitoxin sites in the rat and turtle CNS. Journal of Comparative Neurology, 1993, 330, 363-380.	1.6	22
124	Sulfonylurea Receptor Expression in Rat Brain: Effect of Chronic Hypoxia during Development. Pediatric Research, 1993, 34, 634-641.	2.3	26
125	Ontogeny and distribution of opioid receptors in the rat brainstem. Brain Research, 1991, 549, 181-193.	2.2	155
126	Major differences in CNS sulfonylurea receptor distribution between the rat (newborn, adult) and turtle. Journal of Comparative Neurology, 1991, 314, 278-289.	1.6	60

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127	ROLES OF OPIOID PEPTIDES OF PAG IN ANALOGOUS ELECTRO-ACUPUNCTURE INHIBITION OF EXPERIMENTAL ARRHYTHMIA: ANALYZED BY SPECIFIC ANTISERA MICROINJECTION. Acupuncture and Electro-Therapeutics Research, 1986, 11, 191-198.	0.2	7
128	INHIBITORY EFFECT OF ANAL0G0US ELECTRO-ACUPUNCTURE ON EXPERIMENTAL ARRYTHMIA. Acupuncture and Electro-Therapeutics Research, 1985, 10, 13-34.	0.2	14
129	A Critical Role of Î´-Opioid Receptor in Anti-microglial Activation Under Stress. Frontiers in Aging Neuroscience, 0, 14, .	3.4	3