

Yun Wang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

119
papers

2,340
citations

21
h-index

44
g-index

125
ext. papers

3,006
ext. citations

5.4
avg, IF

4.83
L-index

#	Paper	IF	Citations
119	Identification of spinal circuits transmitting and gating mechanical pain. <i>Cell</i> , 2014 , 159, 1417-1432	56.2	315
118	HDAC inhibition prevents white matter injury by modulating microglia/macrophage polarization through the GSK3 β /PTEN/Akt axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2853-8	11.5	236
117	Susceptibility of young and adult rats to the oral toxicity of titanium dioxide nanoparticles. <i>Small</i> , 2013 , 9, 1742-52	11	142
116	Deactivation of excitatory neurons in the prelimbic cortex via Cdk5 promotes pain sensation and anxiety. <i>Nature Communications</i> , 2015 , 6, 7660	17.4	106
115	Epithelial-mesenchymal transition involved in pulmonary fibrosis induced by multi-walled carbon nanotubes via TGF-beta/Smad signaling pathway. <i>Toxicology Letters</i> , 2014 , 226, 150-62	4.4	91
114	Genotoxic evaluation of titanium dioxide nanoparticles in vivo and in vitro. <i>Toxicology Letters</i> , 2014 , 226, 314-9	4.4	90
113	Identification of spinal circuits involved in touch-evoked dynamic mechanical pain. <i>Nature Neuroscience</i> , 2017 , 20, 804-814	25.5	89
112	Effect of titanium dioxide nanoparticles on the cardiovascular system after oral administration. <i>Toxicology Letters</i> , 2015 , 239, 123-30	4.4	62
111	Cofilin aggregation blocks intracellular trafficking and induces synaptic loss in hippocampal neurons. <i>Journal of Biological Chemistry</i> , 2012 , 287, 3919-29	5.4	61
110	Memantine attenuates cell apoptosis by suppressing the calpain-caspase-3 pathway in an experimental model of ischemic stroke. <i>Experimental Cell Research</i> , 2017 , 351, 163-172	4.2	41
109	KCC2 downregulation facilitates epileptic seizures. <i>Scientific Reports</i> , 2017 , 7, 156	4.9	37
108	Cyclothiazide induces robust epileptiform activity in rat hippocampal neurons both in vitro and in vivo. <i>Journal of Physiology</i> , 2006 , 571, 605-18	3.9	36
107	The functional regulation of TRPV1 and its role in pain sensitization. <i>Neurochemical Research</i> , 2008 , 33, 2008-12	4.6	35
106	Interaction of titanium dioxide nanoparticles with glucose on young rats after oral administration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 1633-42	6	33
105	Phosphorylation of TRPV1 by cyclin-dependent kinase 5 promotes TRPV1 surface localization, leading to inflammatory thermal hyperalgesia. <i>Experimental Neurology</i> , 2015 , 273, 253-62	5.7	33
104	Capsaicin protects cortical neurons against ischemia/reperfusion injury via down-regulating NMDA receptors. <i>Experimental Neurology</i> , 2017 , 295, 66-76	5.7	31
103	Perineuronal nets protect long-term memory by limiting activity-dependent inhibition from parvalbumin interneurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 ,	11.5	30

102	Thiamine diphosphate reduction strongly correlates with brain glucose hypometabolism in Alzheimer's disease, whereas amyloid deposition does not. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 26	9	28
101	BDNF-TrkB signaling pathway mediates the induction of epileptiform activity induced by a convulsant drug cyclothiazide. <i>Neuropharmacology</i> , 2009 , 57, 49-59	5.5	25
100	Thymectomy versus tumor resection for early-stage thymic malignancies: a Chinese Alliance for Research in Thymomas retrospective database analysis. <i>Journal of Thoracic Disease</i> , 2016 , 8, 680-6	2.6	24
99	Effect of titanium dioxide nanoparticles on glucose homeostasis after oral administration. <i>Journal of Applied Toxicology</i> , 2018 , 38, 810-823	4.1	21
98	Perioperative outcomes and long-term survival in clinically early-stage thymic malignancies: video-assisted thoracoscopic thymectomy versus open approaches. <i>Journal of Thoracic Disease</i> , 2016 , 8, 673-9	2.6	20
97	Gait Assessment of Pain and Analgesics: Comparison of the DigiGait and CatWalk Gait Imaging Systems. <i>Neuroscience Bulletin</i> , 2019 , 35, 401-418	4.3	19
96	Postoperative survival for patients with thymoma complicating myasthenia gravis-preliminary retrospective results of the ChART database. <i>Journal of Thoracic Disease</i> , 2016 , 8, 711-7	2.6	19
95	Brain ischemic insult induces cofilin rod formation leading to synaptic dysfunction in neurons. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 2181-2195	7.3	19
94	Protein kinase D1-dependent phosphorylation of dopamine D1 receptor regulates cocaine-induced behavioral responses. <i>Neuropsychopharmacology</i> , 2014 , 39, 1290-301	8.7	19
93	Cyclothiazide induces seizure behavior in freely moving rats. <i>Brain Research</i> , 2010 , 1355, 207-13	3.7	19
92	Homeostatic competition between phasic and tonic inhibition. <i>Journal of Biological Chemistry</i> , 2013 , 288, 25053-25065	5.4	18
91	Clinical and endoscopic predictors for intraprocedural mucosal injury during per-oral endoscopic myotomy. <i>Gastrointestinal Endoscopy</i> , 2019 , 89, 769-778	5.2	18
90	CDYL Deficiency Disrupts Neuronal Migration and Increases Susceptibility to Epilepsy. <i>Cell Reports</i> , 2017 , 18, 380-390	10.6	17
89	LIMK-dependent actin polymerization in primary sensory neurons promotes the development of inflammatory heat hyperalgesia in rats. <i>Science Signaling</i> , 2014 , 7, ra61	8.8	17
88	Management of thymic tumors-consensus based on the Chinese Alliance for Research in Thymomas Multi-institutional retrospective studies. <i>Journal of Thoracic Disease</i> , 2016 , 8, 641-5	2.6	17
87	Anticonvulsant activity of BmK AS, a sodium channel site 4-specific modulator. <i>Epilepsy and Behavior</i> , 2011 , 20, 267-76	3.2	16
86	Characterization and antitumor activity of triethylene tetramine, a novel telomerase inhibitor. <i>Biomedicine and Pharmacotherapy</i> , 2008 , 62, 480-5	7.5	16
85	GIRK1-mediated inwardly rectifying potassium current suppresses the epileptiform burst activities and the potential antiepileptic effect of ML297. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 101, 362-370	7.5	16

84	ADAMTS13 maintains cerebrovascular integrity to ameliorate Alzheimer-like pathology. <i>PLoS Biology</i> , 2019 , 17, e3000313	9.7	15
83	Effects of repeated Cr(VI) intratracheal instillation on club (Clara) cells and activation of nuclear factor-kappa B pathway via oxidative stress. <i>Toxicology Letters</i> , 2014 , 231, 72-81	4.4	15
82	Regulation of epileptiform activity by two distinct subtypes of extrasynaptic GABAA receptors. <i>Molecular Brain</i> , 2013 , 6, 21	4.5	15
81	Both NMDA and non-NMDA receptors mediate glutamate stimulation induced cofilin rod formation in cultured hippocampal neurons. <i>Brain Research</i> , 2012 , 1486, 1-13	3.7	15
80	The Large Conductance Calcium- and Voltage-activated Potassium Channel (BK) and Epilepsy. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018 , 17, 248-254	2.6	15
79	TRPM7 Is Required for Normal Synapse Density, Learning, and Memory at Different Developmental Stages. <i>Cell Reports</i> , 2018 , 23, 3480-3491	10.6	15
78	A risk-scoring system to predict clinical failure for patients with achalasia after peroral endoscopic myotomy. <i>Gastrointestinal Endoscopy</i> , 2020 , 91, 33-40.e1	5.2	15
77	U-shape suppressive effect of phenol red on the epileptiform burst activity via activation of estrogen receptors in primary hippocampal culture. <i>PLoS ONE</i> , 2013 , 8, e60189	3.7	14
76	Downregulated GABA and BDNF-TrkB pathway in chronic cyclothiazide seizure model. <i>Neural Plasticity</i> , 2014 , 2014, 310146	3.3	13
75	Epileptiform response of CA1 neurones to convulsant stimulation by cyclothiazide, kainic acid and pentylentetrazol in anaesthetized rats. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2011 , 20, 312-9	3.2	13
74	Enhanced inhibitory synaptic transmission in the spinal dorsal horn mediates antinociceptive effects of TC-2559. <i>Molecular Pain</i> , 2011 , 7, 56	3.4	13
73	Mast cell infiltration associated with loss of interstitial cells of Cajal and neuronal degeneration in achalasia. <i>Neurogastroenterology and Motility</i> , 2019 , 31, e13565	4	12
72	Preoperative induction therapy for locally advanced thymic tumors: a retrospective analysis using the ChART database. <i>Journal of Thoracic Disease</i> , 2016 , 8, 665-72	2.6	12
71	TRPV1 gain-of-function mutation impairs pain and itch sensations in mice. <i>Molecular Pain</i> , 2018 , 14, 174480691876203	5.4	12
70	BDNF-TrkB signaling pathway is involved in pentylentetrazole-evoked progression of epileptiform activity in hippocampal neurons in anesthetized rats. <i>Neuroscience Bulletin</i> , 2013 , 29, 565-75	4.3	12
69	Both GABAA and GABAB receptors mediate vagal inhibition in nucleus tractus solitarii neurones in anaesthetized rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2010 , 152, 75-83	2.4	12
68	Short-term safety and efficacy of peroral endoscopic myotomy for the treatment of achalasia in children. <i>Journal of Gastroenterology</i> , 2020 , 55, 159-168	6.9	12
67	Thiamine deficiency contributes to synapse and neural circuit defects. <i>Biological Research</i> , 2018 , 51, 35	7.6	11

66	KCHIP3 N-Terminal 31-50 Fragment Mediates Its Association with TRPV1 and Alleviates Inflammatory Hyperalgesia in Rats. <i>Journal of Neuroscience</i> , 2018 , 38, 1756-1773	6.6	10
65	UBTOR/KIAA1024 regulates neurite outgrowth and neoplasia through mTOR signaling. <i>PLoS Genetics</i> , 2018 , 14, e1007583	6	10
64	P7TP3 inhibits tumor development, migration, invasion and adhesion of liver cancer through the Wnt/ β -catenin signaling pathway. <i>Cancer Science</i> , 2020 , 111, 994-1007	6.9	10
63	Alteration of m6A RNA Methylation in Heart Failure With Preserved Ejection Fraction. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 647806	5.4	10
62	M-Calpain Activation Facilitates Seizure Induced KCC2 Down Regulation. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 287	6.1	10
61	Estrogen suppresses epileptiform activity by enhancing Kv4.2-mediated transient outward potassium currents in primary hippocampal neurons. <i>International Journal of Molecular Medicine</i> , 2015 , 36, 865-72	4.4	9
60	Activation of extrasynaptic GABA(A) receptors inhibits cyclothiazide-induced epileptiform activity in hippocampal CA1 neurons. <i>Neuroscience Bulletin</i> , 2014 , 30, 866-76	4.3	9
59	PKD1 Promotes Functional Synapse Formation Coordinated with N-Cadherin in Hippocampus. <i>Journal of Neuroscience</i> , 2018 , 38, 183-199	6.6	9
58	Nurse-rated good death of Chinese terminally ill patients with cancer: A cross-sectional study. <i>European Journal of Cancer Care</i> , 2019 , 28, e13147	2.4	8
57	Nicotinamide adenine dinucleotide suppresses epileptogenesis at an early stage. <i>Scientific Reports</i> , 2017 , 7, 7321	4.9	8
56	PLD1 promotes dendritic spine development by inhibiting ADAM10-mediated N-cadherin cleavage. <i>Scientific Reports</i> , 2017 , 7, 6035	4.9	8
55	Nitric oxide inhibits excitatory vagal afferent input to nucleus tractus solitarius neurons in anaesthetized rats. <i>Neuroscience Bulletin</i> , 2009 , 25, 325-34	4.3	8
54	Cofilin rod formation in neurons impairs neuronal structure and function. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 554-60	2.6	8
53	TAF and TDF attenuate liver fibrosis through NS5A TP9, TGF β /Smad3, and NF- κ B/NLRP3 inflammasome signaling pathways. <i>Hepatology International</i> , 2020 , 14, 145-160	8.8	8
52	A novel injectable thermo-sensitive binary hydrogels system for facilitating endoscopic submucosal dissection procedure. <i>United European Gastroenterology Journal</i> , 2019 , 7, 782-789	5.3	7
51	SK channels participate in the formation of after burst hyperpolarization and partly inhibit the burst strength of epileptic ictal discharges. <i>Molecular Medicine Reports</i> , 2018 , 17, 1762-1774	2.9	7
50	A mouse line for inducible and reversible silencing of specific neurons. <i>Molecular Brain</i> , 2014 , 7, 68	4.5	7
49	Kir2.1 Channel Regulation of Glycinergic Transmission Selectively Contributes to Dynamic Mechanical Allodynia in a Mouse Model of Spared Nerve Injury. <i>Neuroscience Bulletin</i> , 2019 , 35, 301-314	4.3	7

48	Inhibition of 17-beta-estradiol on neuronal excitability via enhancing GIRK1-mediated inwardly rectifying potassium currents and GIRK1 expression. <i>Journal of the Neurological Sciences</i> , 2017 , 375, 335-341	3.2	6
47	(R)-alpha-methylhistamine suppresses inhibitory neurotransmission in hippocampal CA1 pyramidal neurons counteracting propofol-induced amnesia in rats. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 851-9	6.8	6
46	FAM19A5/TAF5, a novel neurokine, plays a crucial role in depressive-like and spatial memory-related behaviors in mice. <i>Molecular Psychiatry</i> , 2021 , 26, 2363-2379	15.1	6
45	The combined effect of food additive titanium dioxide and lipopolysaccharide on mouse intestinal barrier function after chronic exposure of titanium dioxide-contained feedstuffs. <i>Particle and Fibre Toxicology</i> , 2021 , 18, 8	8.4	6
44	Global Gene Knockout of Enhances Pain Sensitivity and Exacerbates Negative Emotions in Rats. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 5	6.1	5
43	Multi-element distribution profile in Sprague-Dawley rats: effects of intratracheal instillation of Cr(VI) and Zn intervention. <i>Toxicology Letters</i> , 2014 , 226, 198-205	4.4	5
42	Nicotine's central cardiovascular actions: receptor subtypes involved and their possible physiological role in anaesthetized rats. <i>European Journal of Pharmacology</i> , 2011 , 668, 177-83	5.3	5
41	The etiology of achalasia: An immune-dominant disease. <i>Journal of Digestive Diseases</i> , 2021 , 22, 126-135	3.3	5
40	Combined effect of titanium dioxide nanoparticles and glucose on the cardiovascular system in young rats after oral administration. <i>Journal of Applied Toxicology</i> , 2019 , 39, 590-602	4.1	5
39	Effect of peroral endoscopic myotomy in geriatric patients: a propensity score matching study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020 , 34, 2911-2917	5.2	5
38	Health effects of occupational exposure to printer emissions on workers in China: Cardiopulmonary function change.. <i>NanoImpact</i> , 2021 , 21, 100289	5.6	5
37	Distinctive functional deficiencies in axonal conduction associated with two forms of cerebral white matter injury. <i>CNS Neuroscience and Therapeutics</i> , 2019 , 25, 1018-1029	6.8	4
36	CDK5 inhibits the clathrin-dependent internalization of TRPV1 by phosphorylating the clathrin adaptor protein AP2 β . <i>Science Signaling</i> , 2019 , 12,	8.8	4
35	Gluconate suppresses seizure activity in developing brains by inhibiting CLC-3 chloride channels. <i>Molecular Brain</i> , 2019 , 12, 50	4.5	4
34	Memantine selectively prevented the induction of dynamic allodynia by blocking Kir2.1 channel and inhibiting the activation of microglia in spinal dorsal horn of mice in spared nerve injury model. <i>Molecular Pain</i> , 2019 , 15, 1744806919838947	3.4	4
33	Structural Basis for the Binding Selectivity of Human CDY Chromodomains. <i>Cell Chemical Biology</i> , 2020 , 27, 827-838.e7	8.2	4
32	Multiplex immunoassays reveal increased serum cytokines and chemokines associated with the subtypes of achalasia. <i>Neurogastroenterology and Motility</i> , 2020 , 32, e13832	4	4
31	Cardiac vagal preganglionic neurones in the intermediate zone of the brainstem in anaesthetized cats. <i>Experimental Physiology</i> , 2007 , 92, 1023-8	2.4	4

30	Relationships between patient-related attitudinal barriers, analgesic adherence and pain relief in Chinese cancer inpatients. <i>Supportive Care in Cancer</i> , 2020 , 28, 3145-3151	3.9	4
29	Coordinated downregulation of KCC2 and GABA receptor contributes to inhibitory dysfunction during seizure induction. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 532, 489-495	3.4	4
28	Preferences for a good death: a cross-sectional survey in advanced cancer patients. <i>BMJ Supportive and Palliative Care</i> , 2019 ,	2.2	3
27	Antinociceptive effects of novel epibatidine analogs through activation of $\alpha 4 \beta 2$ nicotinic receptors. <i>Science China Life Sciences</i> , 2018 , 61, 688-695	8.5	3
26	Bilateral internal carotid arteries ligation temporary impairs brain vasculature in young rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013 , 173, 39-44	2.4	3
25	Identification of a new functional domain of Nogo-A that promotes inflammatory pain and inhibits neurite growth through binding to NgR1. <i>FASEB Journal</i> , 2020 , 34, 10948-10965	0.9	3
24	XTP8 promotes hepatocellular carcinoma growth by forming a positive feedback loop with FOXM1 oncogene. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 515, 455-461	3.4	2
23	The anticonvulsant and neuroprotective effects of kir2.3 activation in PTZ-induced seizures and the kainic acid model of TLE. <i>Epilepsy Research</i> , 2019 , 156, 106167	3	2
22	Embryonic Ketamine Produces a Downregulation of Prefrontal Cortex NMDA Receptors and Anxiety-Like Behavior in Adult Offspring. <i>Neuroscience</i> , 2019 , 415, 18-30	3.9	2
21	Activation of Kir2.3 Channels by Tenidap Suppresses Epileptiform Burst Discharges in Cultured Hippocampal Neurons. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019 , 18, 621-630	2.6	2
20	Effects of titanium dioxide nanoparticles on nutrient absorption and metabolism in rats: distinguishing the susceptibility of amino acids, metal elements, and glucose. <i>Nanotoxicology</i> , 2020 , 14, 1301-1323	5.3	2
19	Failure of Placebo Analgesia Model in Rats with Inflammatory Pain. <i>Neuroscience Bulletin</i> , 2020 , 36, 121-133	1.3	2
18	S6K1 inhibits HBV replication through inhibiting AMPK-ULK1 pathway and disrupting acetylation modification of H3K27. <i>Life Sciences</i> , 2021 , 265, 118848	6.8	2
17	Highlights in basic autonomic neuroscience: insular cortex injury leads to cardiovascular dysfunction. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014 , 185, 1-4	2.4	1
16	Cdyl Deficiency Brakes Neuronal Excitability and Nociception through Promoting Kcnb1 Transcription in Peripheral Sensory Neurons.. <i>Advanced Science</i> , 2022 , e2104317	13.6	1
15	Role of the cation-chloride-cotransporters in the circadian system. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021 , 16, 589-597	9	1
14	Submucosal tunneling endoscopic resection treatment of multiple gastrointestinal submucosal tumors. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021 , 36, 2575-2580	4	1
13	The Knowledge and Attitude Towards Advance Care Planning Among Chinese Patients with Advanced Cancer. <i>Journal of Cancer Education</i> , 2021 , 36, 603-610	1.8	1

12	Validation of the Constipation Risk Assessment Scale (CRAS) in Chinese cancer patients. <i>European Journal of Oncology Nursing</i> , 2021 , 50, 101895	2.8	1
11	Reduced Cyclic Adenosine Monophosphate Level in Hippocampal CA1 Participates in Propofol Induced Amnesia in Rats. <i>Frontiers in Neuroscience</i> , 2018 , 12, 337	5.1	0
10	Phosphorylation-dependent positive feedback on the oxytocin receptor through the kinase PKD1 contributes to long-term social memory.. <i>Science Signaling</i> , 2022 , 15, eabd0033	8.8	0
9	Endoscopic removal of entirely embedded esophagus-penetrating foreign bodies (with video). <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021 , 36, 1899-1904	4	0
8	Effect of Short-Term Exposure to Titanium Dioxide Nanoparticles on Intestinal Absorption of Glucose by Everted Rat Gut Sac Model. <i>Journal of Nanoscience and Nanotechnology</i> , 2021 , 21, 4586-4595 ^{1.3}		0
7	The Influence of Long-Term Dietary Intake of Titanium Dioxide Particles on Elemental Homeostasis and Tissue Structure of Mouse Organs. <i>Journal of Nanoscience and Nanotechnology</i> , 2021 , 21, 5014-5025 ^{1.3}		0
6	Effectiveness of palliative care simulation in newly hired oncology nurses training.. <i>Asia-Pacific Journal of Oncology Nursing</i> , 2022 , 9, 167-173	2.2	0
5	Highlights in basic autonomic neurosciences: epileptic seizure and sudden death. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012 , 167, 1-3	2.4	
4	MiR-369-5p inhibits the proliferation and migration of hepatocellular carcinoma cells by down-regulating HOXA13 expression.. <i>Tissue and Cell</i> , 2021 , 74, 101721	2.7	
3	The T-Type Calcium Channel Cav3.2 in Somatostatin Interneurons in Spinal Dorsal Horn Participates in Mechanosensation and Mechanical Allodynia in Mice.. <i>Frontiers in Cellular Neuroscience</i> , 2022 , 16, 875726 ^{6.1}		
2	Ubiquitin ligase TRIM32 promotes dendrite arborization by mediating degradation of the epigenetic factor CDYL. <i>FASEB Journal</i> , 2022 , 36, e22087	0.9	
1	Furosemide prevents membrane KCC2 downregulation during convulsant stimulation in the hippocampus. <i>IBRO Neuroscience Reports</i> , 2022 , 12, 355-365		