

# Guo-Hua Wang

## List of Publications by Year in descending order

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94  
papers

2,779  
citations

236612

25  
h-index

197535

49  
g-index

100  
all docs

100  
docs citations

100  
times ranked

4154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Attenuation of Activated eIF2 $\hat{\pm}$ Signaling by ISRIB Treatment After Spinal Cord Injury Improves Locomotor Function. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 585-597.	1.1	9
2	Timely and Appropriate Administration of Inhaled Argon Provides Better Outcomes for tMCAO Mice: A Controlled, Randomized, and Double-Blind Animal Study. <i>Neurocritical Care</i> , 2022, 37, 91-101.	1.2	1
3	Inhibition of Musashi-1 enhances chemotherapeutic sensitivity in gastric cancer patient-derived xenografts. <i>Experimental Biology and Medicine</i> , 2022, 247, 868-879.	1.1	4
4	Feasibility, Reproducibility, and Prognostic Value of Fully Automated Measurement of Right Ventricular Longitudinal Strain. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 609-619.	1.2	6
5	Coexistence of Ferroelectriclike Polarization and Dirac-like Surface State in $\text{TaNiTe}$ . <i>Physical Review Letters</i> , 2022, 128, 106802.	2.9	7
6	Oxidizing Hexagonal Boron Nitride into Fluorescent Structures by Photodissociated Directional Oxygen Radical. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 3369-3376.	2.1	3
7	Ferrostatin-1 Ameliorates Liver Dysfunction via Reducing Iron in Thioacetamide-induced Acute Liver Injury in Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 869794.	1.6	16
8	miR-107 is involved in the regulation of NEDD9-mediated invasion and metastasis in breast cancer. <i>BMC Cancer</i> , 2022, 22, 533.	1.1	5
9	Fasting Increases Iron Export by Modulating Ferroportin 1 Expression Through the Ghrelin/GHSR1 $\hat{\pm}$ /MAPK Pathway in the Liver. <i>Biological Trace Element Research</i> , 2021, 199, 267-277.	1.9	4
10	Circadian clock disruption attenuated growth hormone(GH)-mediated signalling. <i>General and Comparative Endocrinology</i> , 2021, 302, 113670.	0.8	6
11	Orbital competition of $\text{Mn}^{3+}$ and $\text{V}^{3+}$ ions in $\text{Mn}_{1+x}\text{V}_{2-x}\text{O}_4$ . <i>Journal of Physics Condensed Matter</i> , 2021, 33, 134002.	0.7	1
12	Crystalline electric field excitations in the quantum spin liquid candidate $\text{NaYbSe}_2$ . <i>Physical Review B</i> , 2021, 103, .	1.1	12
13	Ultrastructural studies of the neurovascular unit reveal enhanced endothelial transcytosis in hyperglycemia-enhanced hemorrhagic transformation after stroke. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 123-133.	1.9	5
14	Surgical repair of mitral valve bileaflet prolapse in pediatric patients. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1858-1863.	0.3	2
15	An all-to-all approach to the identification of sequence-specific readers for epigenetic DNA modifications on cytosine. <i>Nature Communications</i> , 2021, 12, 795.	5.8	22
16	Prevalence and Predictors of Syphilis in Female Sex Workers in Eastern China: Findings from Six Consecutive Cross-Sectional Surveys. <i>Journal of Multidisciplinary Healthcare</i> , 2021, Volume 14, 853-860.	1.1	6
17	Large-scale phenotypic drug screen identifies neuroprotectants in zebrafish and mouse models of retinitis pigmentosa. <i>ELife</i> , 2021, 10, .	2.8	15
18	The changes of Lp-PLA2 in patients with gestational diabetes and its clinical significance. <i>Medicine (United States)</i> , 2021, 100, e26786.	0.4	2

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19	Translation and Validation: Chinese Version of the HIV-Related Social Support Scale. International Journal of General Medicine, 2021, Volume 14, 4025-4030.	0.8	0
20	Association between probiotics and bronchopulmonary dysplasia in preterm infants. Scientific Reports, 2021, 11, 17060.	1.6	3
21	Hyperbaric oxygen therapy improves neurological function via the p38-MAPK/CCL2 signaling pathway following traumatic brain injury. NeuroReport, 2021, 32, 1255-1262.	0.6	9
22	L-Serine, an Endogenous Amino Acid, Is a Potential Neuroprotective Agent for Neurological Disease and Injury. Frontiers in Molecular Neuroscience, 2021, 14, 726665.	1.4	21
23	Topological Dirac surface states in ternary compounds $\text{GeBi}_2\text{Te}_4$ , $\text{SnBi}_2\text{Te}_4$ and $\text{Sn}_{0.571}\text{Bi}_{2.286}\text{Se}_4$ *. Chinese Physics B, 2021, 30, 127901.	0.7	8
24	Field-induced quantum spin disordered state in spin-1/2 honeycomb magnet $\text{Na}_2\text{Co}_2\text{TeO}_6$ . Nature Communications, 2021, 12, 5559.	5.8	57
25	IRF4 ablation in B cells abrogates allogeneic B cell responses and prevents chronic transplant rejection. Journal of Heart and Lung Transplantation, 2021, 40, 1122-1132.	0.3	5
26	Magnetic properties of the quasi two-dimensional centered honeycomb antiferromagnet $\text{GdInO}_3$ . Physical Review B, 2021, 104, .	1.1	1
27	Association Between 2D- and 3D-Speckle-Tracking Longitudinal Strain and Cardiovascular Magnetic Resonance Evidence of Diffuse Myocardial Fibrosis in Heart Transplant Recipients. Frontiers in Cardiovascular Medicine, 2021, 8, 727745.	1.1	3
28	Spin-split valence bands of the ferromagnetic insulator $\text{Cr}_2\text{Ge}_2\text{Te}_6$ studied by angle-resolved photoemission spectroscopy. Journal of Applied Physics, 2020, 127, .	1.1	10
29	Gene regulatory networks controlling vertebrate retinal regeneration. Science, 2020, 370, .	6.0	248
30	Electronic structure of non-centrosymmetric $\text{PtBi}_2$ studied by angle-resolved photoemission spectroscopy. Journal of Applied Physics, 2020, 128, .	1.1	5
31	PPAR- $\beta$ Is Critical for HDAC3-Mediated Control of Oligodendrocyte Progenitor Cell Proliferation and Differentiation after Focal Demyelination. Molecular Neurobiology, 2020, 57, 4810-4824.	1.9	15
32	Preparation, optimization, and <i>in vivo</i> evaluation of an inhaled solution of total saponins of <i>Panax notoginseng</i> and its protective effect against idiopathic pulmonary fibrosis. Drug Delivery, 2020, 27, 1718-1728.	2.5	14
33	Inner Ear Arginine Vasopressin-Vasopressin Receptor 2-Aquaporin 2 Signaling Pathway Is Involved in the Induction of Motion Sickness. Journal of Pharmacology and Experimental Therapeutics, 2020, 373, 248-260.	1.3	9
34	Hypoxic preconditioning enhances the differentiation of bone marrow stromal cells into mature oligodendrocytes via the mTOR/HIF-1 $\beta$ /VEGF pathway in traumatic brain injury. Brain and Behavior, 2020, 10, e01675.	1.0	6
35	Orthotopic Heart Transplantation for Congenital Heart Disease with Dextrocardia: A Single-Center Clinic Experience. BioMed Research International, 2020, 2020, 1-9.	0.9	0
36	Acute sleep deprivation leads to growth hormone (GH) resistance in rats. General and Comparative Endocrinology, 2020, 296, 113545.	0.8	3

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37	Effects of rhodioloside on the neurological functions of rats with total cerebral ischemia/reperfusion and cone neuron injury in the hippocampal CA1 region. <i>PeerJ</i> , 2020, 8, e10056.	0.9	10
38	Inhibition of S-adenosyl-L-homocysteine hydrolase alleviates alloimmune response by down-regulating CD4+ T-cell activation in a mouse heart transplantation model. <i>Annals of Translational Medicine</i> , 2020, 8, 1582-1582.	0.7	5
39	MiR-1225-5p acts as tumor suppressor in glioblastoma via targeting <i>FNDC3B</i> . <i>Open Medicine (Poland)</i> , 2020, 15, 872-881.	0.6	9
40	Isolated Severe Right Ventricular Hypertrophic Cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 2019, 107, e23-e25.	0.7	4
41	Efficacy of radiation exposure in laryngeal squamous cell carcinoma is mediated by the LAMP3/LAMC2/tenascin-C pathway. <i>Experimental Biology and Medicine</i> , 2019, 244, 1070-1080.	1.1	5
42	Improving acute cardiac transplantation rejection therapy using ultrasound-targeted FK506-loaded microbubbles in rats. <i>Biomaterials Science</i> , 2019, 7, 3729-3740.	2.6	22
43	Cardiac rhabdomyomas with atrial septal defect and tricuspid insufficiency: A case report. <i>Journal of Cardiac Surgery</i> , 2019, 34, 1123-1126.	0.3	0
44	Bilobalide protects astrocytes from oxygen and glucose deprivation-induced oxidative injury by upregulating manganese superoxide dismutase. <i>Phytotherapy Research</i> , 2019, 33, 2329-2336.	2.8	10
45	Clinical effect observation of intravenous application of zoledronic acid in patients with cervical spondylosis and osteoporosis after anterior cervical discectomy and fusion: A randomized controlled study. <i>Journal of Orthopaedic Surgery</i> , 2019, 27, 230949901984702.	0.4	5
46	Regulation of AKT phosphorylation by GSK3 <sup>β</sup> and PTEN to control chemoresistance in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2019, 176, 291-301.	1.1	37
47	Negative Thermal Expansion of Ni-Doped MnCoGe at Room-Temperature Magnetic Tuning. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 17531-17538.	4.0	14
48	Intravenous immunoglobulins for epilepsy. <i>The Cochrane Library</i> , 2019, 2019, CD008557.	1.5	5
49	Neuroprotective effect of l-serine against white matter demyelination by harnessing and modulating inflammation in mice. <i>Neuropharmacology</i> , 2019, 146, 39-49.	2.0	14
50	Inhibition of NR2B-containing NMDA receptors during nitrogen narcosis. <i>Diving and Hyperbaric Medicine</i> , 2019, 49, 276-282.	0.2	0
51	Ultrasound molecular imaging of acute cardiac transplantation rejection using nanobubbles targeted to T lymphocytes. <i>Biomaterials</i> , 2018, 162, 200-207.	5.7	38
52	Arrott plots, <i>M</i> <sup>4</sup> plots and the critical temperature of the weak ferromagnet FeGa <sub>3</sub> Ge. <i>AIP Advances</i> , 2018, 8, .	0.6	4
53	Effect of lipoprotein-associated phospholipase A2 inhibitor on insulin resistance in streptozotocin-induced diabetic pregnant rats. <i>Endocrine Journal</i> , 2018, 65, 903-913.	0.7	4
54	A stable and easily reproducible model of focal white matter demyelination. <i>Journal of Neuroscience Methods</i> , 2018, 307, 230-239.	1.3	10

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55	Abstract 5441: Regulation of AKT phosphorylation by GSK3 $\beta$ and PTEN to control chemoresistance in breast cancer. , 2018, , .		0
56	Osteopontin, Bone Morphogenetic Protein-4, and Vitamin D Receptor Gene Polymorphisms in the Susceptibility and Clinical Severity of Spinal Tuberculosis. Cellular Physiology and Biochemistry, 2017, 41, 1881-1893.	1.1	9
57	Intravenous immunoglobulins for epilepsy. The Cochrane Library, 2017, 7, CD008557.	1.5	8
58	Genetic factors of cervical spondylotic myelopathy-a systemic review. Journal of Clinical Neuroscience, 2017, 44, 89-94.	0.8	10
59	Hypoxic Preconditioning Augments the Therapeutic Efficacy of Bone Marrow Stromal Cells in a Rat Ischemic Stroke Model. Cellular and Molecular Neurobiology, 2017, 37, 1115-1129.	1.7	39
60	Preventive effect of rosiglitazone on liver injury in a mouse model of decompression sickness. Diving and Hyperbaric Medicine, 2017, 47, 17-23.	0.2	0
61	ARQiv-HTS, a versatile whole-organism screening platform enabling in vivo drug discovery at high-throughput rates. Nature Protocols, 2016, 11, 2432-2453.	5.5	50
62	Apurinic/Apyrimidinic Endonuclease 1 Upregulation Reduces Oxidative DNA Damage and Protects Hippocampal Neurons from Ischemic Injury. Antioxidants and Redox Signaling, 2015, 22, 135-148.	2.5	31
63	Ethyl Pyruvate Protects against Bloodâ€‘Brain Barrier Damage and Improves Longâ€‘term Neurological Outcomes in a Rat Model of Traumatic Brain Injury. CNS Neuroscience and Therapeutics, 2015, 21, 374-384.	1.9	45
64	HDAC inhibition prevents white matter injury by modulating microglia/macrophage polarization through the GSK3 $\beta$ /PTEN/Akt axis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2853-2858.	3.3	303
65	Improvement in the neural stem cell proliferation in rats treated with modified â€‘Shengyuâ€‘decoction may contribute to the neurorestoration. Journal of Ethnopharmacology, 2015, 165, 9-19.	2.0	12
66	Reduction of inflammatory responses by l-serine treatment leads to neuroprotection in mice after traumatic brain injury. Neuropharmacology, 2015, 95, 1-11.	2.0	33
67	Xiao-Xu-Ming decoction preserves mitochondrial integrity and reduces apoptosis after focal cerebral ischemia and reperfusion via the mitochondrial p53 pathway. Journal of Ethnopharmacology, 2014, 151, 307-316.	2.0	37
68	Treatment with ginseng total saponins improves the neurorestoration of rat after traumatic brain injury. Journal of Ethnopharmacology, 2014, 155, 1243-1255.	2.0	42
69	The neuroprotective effect of modified â€‘Shengyuâ€‘decoction is mediated through an anti-inflammatory mechanism in the rat after traumatic brain injury. Journal of Ethnopharmacology, 2014, 151, 694-703.	2.0	20
70	An-Gong-Niu-Huang Wan protects against cerebral ischemia induced apoptosis in rats: Up-regulation of Bcl-2 and down-regulation of Bax and caspase-3. Journal of Ethnopharmacology, 2014, 154, 156-162.	2.0	61
71	n-3 PUFA supplementation benefits microglial responses to myelin pathology. Scientific Reports, 2014, 4, 7458.	1.6	117
72	L-Serine Treatment May Improve Neurorestoration of Rats after Permanent Focal Cerebral Ischemia Potentially Through Improvement of Neurorepair. PLoS ONE, 2014, 9, e93405.	1.1	17

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73	A New Method of Adjusting Inconsistent Pairwise Comparison Matrix. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 435-442.	0.5	0
74	Microglia/Macrophage Polarization Dynamics in White Matter after Traumatic Brain Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1864-1874.	2.4	387
75	Omega-3 Polyunsaturated Fatty Acid Supplementation Improves Neurologic Recovery and Attenuates White Matter Injury after Experimental Traumatic Brain Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1474-1484.	2.4	94
76	Scriptaid, a Novel Histone Deacetylase Inhibitor, Protects Against Traumatic Brain Injury via Modulation of PTEN and AKT Pathway. <i>Neurotherapeutics</i> , 2013, 10, 124-142.	2.1	88
77	PI3K/Akt Pathway Contributes to Neurovascular Unit Protection of <i>Xiao-Xu-Ming</i> Decoction against Focal Cerebral Ischemia and Reperfusion Injury in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-16.	0.5	24
78	Improvement in Regional CBF by L-Serine Contributes to Its Neuroprotective Effect in Rats after Focal Cerebral Ischemia. <i>PLoS ONE</i> , 2013, 8, e67044.	1.1	24
79	Novel glycine-dependent inactivation of NMDA receptors in cultured hippocampal neurons. <i>Neuroscience Bulletin</i> , 2012, 28, 550-560.	1.5	6
80	Treatment with ginseng total saponins reduces the secondary brain injury in rat after cortical impact. <i>Journal of Neuroscience Research</i> , 2012, 90, 1424-1436.	1.3	23
81	Intravenous immunoglobulins for epilepsy. , 2011, , CD008557.		16
82	Free-Radical Scavenger Edaravone Treatment Confers Neuroprotection Against Traumatic Brain Injury in Rats. <i>Journal of Neurotrauma</i> , 2011, 28, 2123-2134.	1.7	97
83	Neuroprotective effect of L-serine against temporary cerebral ischemia in rats. <i>Journal of Neuroscience Research</i> , 2010, 88, 2035-2045.	1.3	24
84	Retinoic acid attenuates acute heart rejection by increasing regulatory T cell and repressing differentiation of Th17 cell in the presence of TGF- $\beta$ 2. <i>Transplant International</i> , 2010, 23, 986-997.	0.8	16
85	Neuroprotective Effects of Hyperbaric Oxygen Treatment on Traumatic Brain Injury in the Rat. <i>Journal of Neurotrauma</i> , 2010, 27, 1733-1743.	1.7	58
86	Ginseng for cognition. <i>The Cochrane Library</i> , 2010, , CD007769.	1.5	57
87	Inhibition of NMDA Receptors Underlies the Neuroprotective Effect of Ginsenoside Rb3. <i>The American Journal of Chinese Medicine</i> , 2009, 37, 759-770.	1.5	18
88	PI-3 K/AKT and ERK signaling pathways mediate leptin-induced inhibition of PPAR $\gamma$ 3 gene expression in primary rat hepatic stellate cells. <i>Molecular and Cellular Biochemistry</i> , 2009, 325, 131-139.	1.4	46
89	Predictors of secondary tricuspid regurgitation after left-sided valve replacement. <i>Surgery Today</i> , 2008, 38, 778-783.	0.7	39
90	Ginsenoside Rg1 protects neurons from hypoxic-ischemic injury possibly by inhibiting Ca $^{2+}$ influx through NMDA receptors and L-type voltage-dependent Ca $^{2+}$ channels. <i>European Journal of Pharmacology</i> , 2008, 586, 90-99.	1.7	64

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91	Neuroprotective effect of taurine against focal cerebral ischemia in rats possibly mediated by activation of both GABAA and glycine receptors. <i>Neuropharmacology</i> , 2007, 52, 1199-1209.	2.0	80
92	An Ontology-Based Method for Similarity Calculation of Concepts in the Semantic Web. , 2006, , .		2
93	Plasma Vasopressin, an Etiologic Factor of Motion Sickness in Rat and Human?. <i>Neuroendocrinology</i> , 2005, 81, 351-359.	1.2	16
94	Prognostic significance of expression of survivin in acute leukemia. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2002, 14, 265-269.	0.7	1