

# Wei Wang

## List of Publications by Year in descending order

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54  
papers

16,069  
citations

186265

28  
h-index

161849

54  
g-index

54  
all docs

54  
docs citations

54  
times ranked

33915  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dysregulation of Immune Response in Patients With Coronavirus 2019 (COVID-19) in Wuhan, China. <i>Clinical Infectious Diseases</i> , 2020, 71, 762-768.	5.8	3,858
2	Cancer patients in SARS-CoV-2 infection: a nationwide analysis in China. <i>Lancet Oncology</i> , The, 2020, 21, 335-337.	10.7	3,522
3	Comorbidity and its impact on 1590 patients with COVID-19 in China: a nationwide analysis. <i>European Respiratory Journal</i> , 2020, 55, 2000547.	6.7	2,551
4	Safety, tolerability, and immunogenicity of a recombinant adenovirus type-5 vectored COVID-19 vaccine: a dose-escalation, open-label, non-randomised, first-in-human trial. <i>Lancet</i> , The, 2020, 395, 1845-1854.	13.7	1,127
5	Stroke in China: advances and challenges in epidemiology, prevention, and management. <i>Lancet Neurology</i> , The, 2019, 18, 394-405.	10.2	903
6	The JAK/STAT signaling pathway: from bench to clinic. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 402.	17.1	636
7	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. <i>Nature</i> , 2020, 586, 572-577.	27.8	630
8	Ruxolitinib in treatment of severe coronavirus disease 2019 (COVID-19): A multicenter, single-blind, randomized controlled trial. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 137-146.e3.	2.9	374
9	Fingolimod Protects Against Ischemic White Matter Damage by Modulating Microglia Toward M2 Polarization via STAT3 Pathway. <i>Stroke</i> , 2017, 48, 3336-3346.	2.0	256
10	COVID-19 in Wuhan: Sociodemographic characteristics and hospital support measures associated with the immediate psychological impact on healthcare workers. <i>EClinicalMedicine</i> , 2020, 24, 100443.	7.1	227
11	Trends in smoking prevalence and implication for chronic diseases in China: serial national cross-sectional surveys from 2003 to 2013. <i>Lancet Respiratory Medicine</i> , the, 2019, 7, 35-45.	10.7	225
12	Elevated serum levels of S100A8/A9 and HMGB1 at hospital admission are correlated with inferior clinical outcomes in COVID-19 patients. <i>Cellular and Molecular Immunology</i> , 2020, 17, 992-994.	10.5	202
13	Focal Solute Trapping and Global Glymphatic Pathway Impairment in a Murine Model of Multiple Microinfarcts. <i>Journal of Neuroscience</i> , 2017, 37, 2870-2877.	3.6	134
14	Psychological impact on women health workers involved in COVID-19 outbreak in Wuhan: a cross-sectional study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 895-897.	1.9	124
15	Clinical Characteristics and Outcomes of COVID-19 Patients With a History of Stroke in Wuhan, China. <i>Stroke</i> , 2020, 51, 2219-2223.	2.0	118
16	Inhibiting cell cycle progression reduces reactive astrogliosis initiated by scratch injury in vitro and by cerebral ischemia in vivo. <i>Glia</i> , 2007, 55, 546-558.	4.9	116
17	Manual acupuncture versus sham acupuncture and usual care for prophylaxis of episodic migraine without aura: multicentre, randomised clinical trial. <i>BMJ</i> , The, 2020, 368, m697.	6.0	99
18	PDGF-B Is Required for Development of the Glymphatic System. <i>Cell Reports</i> , 2019, 26, 2955-2969.e3.	6.4	89

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19	Effectiveness of strengthened stimulation during acupuncture for the treatment of Bell palsy: a randomized controlled trial. <i>Cmaj</i> , 2013, 185, 473-478.	2.0	86
20	Microglial Hv1 proton channel promotes cuprizone-induced demyelination through oxidative damage. <i>Journal of Neurochemistry</i> , 2015, 135, 347-356.	3.9	58
21	NKCC1 up-regulation contributes to early post-traumatic seizures and increased post-traumatic seizure susceptibility. <i>Brain Structure and Function</i> , 2017, 222, 1543-1556.	2.3	58
22	TGF- $\beta$ 1-induced epithelial-mesenchymal transition in lung cancer cells involves upregulation of miR-9 and downregulation of its target, E-cadherin. <i>Cellular and Molecular Biology Letters</i> , 2017, 22, 22.	7.0	43
23	Targeting polarized phenotype of microglia via IL6/JAK2/STAT3 signaling to reduce NSCLC brain metastasis. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 52.	17.1	43
24	Deficiency of the microglial Hv1 proton channel attenuates neuronal pyroptosis and inhibits inflammatory reaction after spinal cord injury. <i>Journal of Neuroinflammation</i> , 2020, 17, 263.	7.2	42
25	Deficiency of TREK-1 potassium channel exacerbates blood-brain barrier damage and neuroinflammation after intracerebral hemorrhage in mice. <i>Journal of Neuroinflammation</i> , 2019, 16, 96.	7.2	41
26	Polyunsaturated fatty acid supplement alleviates depression-incident cognitive dysfunction by protecting the cerebrovascular and glymphatic systems. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 357-370.	4.1	40
27	Prevalence and changes of BMI categories in China and related chronic diseases: Cross-sectional National Health Service Surveys (NHSSs) from 2013 to 2018. <i>EClinicalMedicine</i> , 2020, 26, 100521.	7.1	35
28	EphrinA3 reverse signaling regulates hippocampal neuronal damage and astrocytic glutamate transport after transient global ischemia. <i>Journal of Neurochemistry</i> , 2014, 131, 383-394.	3.9	34
29	Scoring cytokine storm by the levels of MCP-3 and IL-8 accurately distinguished COVID-19 patients with high mortality. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 292.	17.1	32
30	Hv1 proton channel facilitates production of ROS and pro-inflammatory cytokines in microglia and enhances oligodendrocyte progenitor cells damage from oxygen-glucose deprivation in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2018, 498, 1-8.	2.1	25
31	SARS-CoV-2 vaccine research and development: Conventional vaccines and biomimetic nanotechnology strategies. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 136-146.	9.1	24
32	Microglial Hv1 proton channels promote white matter injuries after chronic hypoperfusion in mice. <i>Journal of Neurochemistry</i> , 2020, 152, 350-367.	3.9	23
33	Deficiency of TREK-1 potassium channel exacerbates secondary injury following spinal cord injury in mice. <i>Journal of Neurochemistry</i> , 2017, 141, 236-246.	3.9	22
34	The Effect of Oxytocin on Social and Non-Social Behaviour and Striatal Protein Expression in C57BL/6N Mice. <i>PLoS ONE</i> , 2015, 10, e0145638.	2.5	21
35	Astrocytic connexin 43 potentiates myelin injury in ischemic white matter disease. <i>Theranostics</i> , 2019, 9, 4474-4493.	10.0	21
36	Germline variants in UNC13D and AP3B1 are enriched in COVID-19 patients experiencing severe cytokine storms. <i>European Journal of Human Genetics</i> , 2021, 29, 1312-1315.	2.8	21

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37	Digoxin Ameliorates Glymphatic Transport and Cognitive Impairment in a Mouse Model of Chronic Cerebral Hypoperfusion. <i>Neuroscience Bulletin</i> , 2022, 38, 181-199.	2.9	21
38	Linolenic Acid Provides Multi-cellular Protective Effects After Photothrombotic Cerebral Ischemia in Rats. <i>Neurochemical Research</i> , 2014, 39, 1797-1808.	3.3	20
39	Human spinal GABA neurons alleviate spasticity and improve locomotion in rats with spinal cord injury. <i>Cell Reports</i> , 2021, 34, 108889.	6.4	20
40	Regulatory T cells protect against brain damage by alleviating inflammatory response in neuromyelitis optica spectrum disorder. <i>Journal of Neuroinflammation</i> , 2021, 18, 201.	7.2	19
41	TREK-1 Null Impairs Neuronal Excitability, Synaptic Plasticity, and Cognitive Function. <i>Molecular Neurobiology</i> , 2020, 57, 1332-1346.	4.0	18
42	International incidence trends in early- and late-onset colorectal cancer: a population-based study. <i>International Journal of Colorectal Disease</i> , 2020, 35, 1077-1086.	2.2	16
43	NKCC1 Inhibition Attenuates Chronic Cerebral Hypoperfusion-Induced White Matter Lesions by Enhancing Progenitor Cells of Oligodendrocyte Proliferation. <i>Journal of Molecular Neuroscience</i> , 2018, 64, 449-458.	2.3	15
44	Bumetanide-induced NKCC1 inhibition attenuates oxygen-glucose deprivation-induced decrease in proliferative activity and cell cycle progression arrest in cultured OPCs via p-38 MAPKs. <i>Brain Research</i> , 2015, 1613, 110-119.	2.2	14
45	Tamoxifen promotes white matter recovery and cognitive functions in male mice after chronic hypoperfusion. <i>Neurochemistry International</i> , 2019, 131, 104566.	3.8	13
46	Roles of Eph/ephrin bidirectional signaling during injury and recovery of the central nervous system. <i>Neural Regeneration Research</i> , 2018, 13, 1313.	3.0	11
47	Chest CT Features of 182 Patients with Mild Coronavirus Disease 2019 (COVID-19) Pneumonia: A Longitudinal, Retrospective and Descriptive Study. <i>Infectious Diseases and Therapy</i> , 2020, 9, 1029-1041.	4.0	7
48	Characteristics and Predictors of Abstinence Among Smokers of a Smoking Cessation Clinic in Hunan China. <i>Frontiers in Public Health</i> , 2021, 9, 615817.	2.7	7
49	Trend of Mortality and Years of Life Lost Due to Chronic Obstructive Pulmonary Disease in China and Its Provinces, 2005-2020. <i>International Journal of COPD</i> , 2021, Volume 16, 2973-2981.	2.3	7
50	Association Between Ischemic Stroke and COVID-19 in China: A Population-Based Retrospective Study. <i>Frontiers in Medicine</i> , 2021, 8, 792487.	2.6	7
51	A Comparative Study on the Psychological Health of Frontline Health Workers in Wuhan Under and After the Lockdown. <i>Frontiers in Psychiatry</i> , 2021, 12, 701032.	2.6	4
52	Nimodipine Promotes Functional Recovery After Spinal Cord Injury in Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 733420.	3.5	4
53	Manual acupuncture versus sham acupuncture and usual care for the prevention of primary dysmenorrhea (PD): study protocol for a randomized controlled trial. <i>Trials</i> , 2020, 21, 818.	1.6	3
54	The Two-Pore Domain Potassium Channel TREK-1 Promotes Blood-Brain Barrier Breakdown and Exacerbates Neuronal Death After Focal Cerebral Ischemia in Mice. <i>Molecular Neurobiology</i> , 2022, 59, 2305-2327.	4.0	3