

Pei Wang

List of Publications by Year in descending order

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99
papers

4,677
citations

94433

37
h-index

106344

65
g-index

105
all docs

105
docs citations

105
times ranked

8432
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy in ischemic stroke. <i>Progress in Neurobiology</i> , 2018, 163-164, 98-117.	5.7	295
2	Induction of autophagy contributes to the neuroprotection of nicotinamide phosphoribosyltransferase in cerebral ischemia. <i>Autophagy</i> , 2012, 8, 77-87.	9.1	290
3	Perivascular adipose tissue-derived visfatin is a vascular smooth muscle cell growth factor: role of nicotinamide mononucleotide. <i>Cardiovascular Research</i> , 2009, 81, 370-380.	3.8	274
4	Nicotinamide phosphoribosyltransferase protects against ischemic stroke through SIRT1-dependent adenosine monophosphate-activated kinase pathway. <i>Annals of Neurology</i> , 2011, 69, 360-374.	5.3	255
5	The novel exercise-induced hormone irisin protects against neuronal injury via activation of the Akt and ERK1/2 signaling pathways and contributes to the neuroprotection of physical exercise in cerebral ischemia. <i>Metabolism: Clinical and Experimental</i> , 2017, 68, 31-42.	3.4	199
6	A Double-Edged Sword with Therapeutic Potential: An Updated Role of Autophagy in Ischemic Cerebral Injury. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 879-886.	3.9	153
7	Hepatic NAD ⁺ deficiency as a therapeutic target for non-alcoholic fatty liver disease in ageing. <i>British Journal of Pharmacology</i> , 2016, 173, 2352-2368.	5.4	150
8	Orally Administered Berberine Modulates Hepatic Lipid Metabolism by Altering Microbial Bile Acid Metabolism and the Intestinal FXR Signaling Pathway. <i>Molecular Pharmacology</i> , 2017, 91, 110-122.	2.3	142
9	ARRB1/ β 2-arrestin-1 mediates neuroprotection through coordination of BECN1-dependent autophagy in cerebral ischemia. <i>Autophagy</i> , 2014, 10, 1535-1548.	9.1	130
10	Adipocyte Metrnl Antagonizes Insulin Resistance Through PPAR γ Signaling. <i>Diabetes</i> , 2015, 64, 4011-4022.	0.6	126
11	Nicotinamide mononucleotide attenuates brain injury after intracerebral hemorrhage by activating Nrf2/HO-1 signaling pathway. <i>Scientific Reports</i> , 2017, 7, 717.	3.3	99
12	Dysfunction of the Cholinergic Anti-Inflammatory Pathway Mediates Organ Damage in Hypertension. <i>Hypertension</i> , 2011, 57, 298-307.	2.7	98
13	Species authentication and geographical origin discrimination of herbal medicines by near infrared spectroscopy: A review. <i>Journal of Pharmaceutical Analysis</i> , 2015, 5, 277-284.	5.3	89
14	Small Molecule Inhibitors Simultaneously Targeting Cancer Metabolism and Epigenetics: Discovery of Novel Nicotinamide Phosphoribosyltransferase (NAMPT) and Histone Deacetylase (HDAC) Dual Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7965-7983.	6.4	87
15	Subfatin is a Novel Adipokine and Unlike Meteorin in Adipose and Brain Expression. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 344-354.	3.9	83
16	Loss of AMP-Activated Protein Kinase- α 2 Impairs the Insulin-Sensitizing Effect of Calorie Restriction in Skeletal Muscle. <i>Diabetes</i> , 2012, 61, 1051-1061.	0.6	82
17	Involvement of Leptin Receptor Long Isoform (LepRb)-STAT3 Signaling Pathway in Brain Fat Mass- and Obesity-Associated (FTO) Downregulation during Energy Restriction. <i>Molecular Medicine</i> , 2011, 17, 523-532.	4.4	79
18	Nicotinamide Phosphoribosyltransferase Is Required for the Calorie Restriction-Mediated Improvements in Oxidative Stress, Mitochondrial Biogenesis, and Metabolic Adaptation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 44-57.	3.6	76

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19	Regenerative Neurogenesis After Ischemic Stroke Promoted by Nicotinamide Phosphoribosyltransferaseâ€“Nicotinamide Adenine Dinucleotide Cascade. <i>Stroke</i> , 2015, 46, 1966-1974.	2.0	74
20	NAMPT as a Therapeutic Target against Stroke. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 891-905.	8.7	69
21	Intracellular NAMPTâ€“NAD+â€“SIRT1 cascade improves post-ischaemic vascular repair by modulating Notch signalling in endothelial progenitors. <i>Cardiovascular Research</i> , 2014, 104, 477-488.	3.8	64
22	NAD replenishment with nicotinamide mononucleotide protects bloodâ€“brain barrier integrity and attenuates delayed tissue plasminogen activatorâ€“induced haemorrhagic transformation after cerebral ischaemia. <i>British Journal of Pharmacology</i> , 2017, 174, 3823-3836.	5.4	62
23	Adipokines in inflammation, insulin resistance and cardiovascular disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011, 38, 888-896.	1.9	59
24	Vascular smooth muscle cell apoptosis is an early trigger for hypothyroid atherosclerosis. <i>Cardiovascular Research</i> , 2014, 102, 448-459.	3.8	57
25	Hybridization chain reaction modulated DNA-hosted silver nanoclusters for fluorescent identification of single nucleotide polymorphisms in the let-7 miRNA family. <i>Biosensors and Bioelectronics</i> , 2014, 60, 351-357.	10.1	56
26	Intestinal autophagy links psychosocial stress with gut microbiota to promote inflammatory bowel disease. <i>Cell Death and Disease</i> , 2019, 10, 391.	6.3	55
27	Extracellular Visfatin has Nicotinamide Phosphoribosyltransferase Enzymatic Activity and is Neuroprotective Against Ischemic Injury. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 539-547.	3.9	53
28	A fluorometric assay for high-throughput screening targeting nicotinamide phosphoribosyltransferase. <i>Analytical Biochemistry</i> , 2011, 412, 18-25.	2.4	52
29	Involvement of leptin receptor long isoform (LepRb)-STAT3 signaling pathway in brain fat mass- and obesity-associated (FTO) downregulation during energy restriction. <i>Molecular Medicine</i> , 2011, 17, 523-32.	4.4	52
30	Rapid determination of major bioactive isoflavonoid compounds during the extraction process of kudzu (<i>Pueraria lobata</i>) by near-infrared transmission spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1403-1408.	3.9	49
31	Chronic Exposure to Nicotine Enhances Insulin Sensitivity through ± 7 Nicotinic Acetylcholine Receptor-STAT3 Pathway. <i>PLoS ONE</i> , 2012, 7, e51217.	2.5	43
32	NAD ⁺ -boosting therapy alleviates nonalcoholic fatty liver disease via stimulating a novel exerkine Fndc5/irisin. <i>Theranostics</i> , 2021, 11, 4381-4402.	10.0	42
33	Cholinergic anti-inflammatory pathway inhibits neointimal hyperplasia by suppressing inflammation and oxidative stress. <i>Redox Biology</i> , 2018, 15, 22-33.	9.0	41
34	Simultaneous determination of cinnamaldehyde, cinnamic acid, and 2-methoxy cinnamic acid in rat whole blood after oral administration of volatile oil of <i>Cinnamoni Ramulus</i> by UHPLC-MS/MS: An application for a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1001, 107-113.	2.3	40
35	Visfatin and Cardioâ€“Cerebroâ€“Vascular Disease. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 59, 1-9.	1.9	39
36	Simultaneous determination of limonin, dictamnine, obacunone and fraxinellone in rat plasma by a validated UHPLCâ€“MS/MS and its application to a pharmacokinetic study after oral administration of Cortex Dictamni extract. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 928, 44-51.	2.3	39

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37	Melatonin safeguards against fatty liver by antagonizing TRAFs-mediated ASK1 deubiquitination and stabilization in a $\text{I}\kappa\text{B}$ -dependent manner. <i>Journal of Pineal Research</i> , 2019, 67, e12611.	7.4	39
38	Cluster of Differentiation 36 Deficiency Aggravates Macrophage Infiltration and Hepatic Inflammation by Upregulating Monocyte Chemotactic Protein-1 Expression of Hepatocytes Through Histone Deacetylase 2-Dependent Pathway. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 201-214.	5.4	38
39	Nicotinic ACh receptor $\text{I}\kappa\text{B}$ inhibits PDGF-induced migration of vascular smooth muscle cells by activating mitochondrial deacetylase sirtuin 3. <i>British Journal of Pharmacology</i> , 2019, 176, 4388-4401.	5.4	38
40	Antimicrobial, antioxidant and cytotoxic properties of essential oil from <i>Dictamnus angustifolius</i> . <i>Journal of Ethnopharmacology</i> , 2015, 159, 296-300.	4.1	34
41	Neuroprotective Efficacy of an Aminopropyl Carbazole Derivative P7C3 in Ischemic Stroke. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 782-788.	3.9	34
42	Coupled Kinetics of Ferrihydrite Transformation and As(V) Sequestration under the Effect of Humic Acids: A Mechanistic and Quantitative Study. <i>Environmental Science & Technology</i> , 2018, 52, 11632-11641.	10.0	34
43	Excessive ROS production and enhanced autophagy contribute to myocardial injury induced by branched-chain amino acids: Roles for the AMPK-ULK1 signaling pathway and $\text{I}\kappa\text{B}$ -nAChR. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 165980.	3.8	34
44	Metabolism of dictamnine in liver microsomes from mouse, rat, dog, monkey, and human. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 119, 166-174.	2.8	32
45	Targeting a novel inducible GPX4 alternative isoform to alleviate ferroptosis and treat metabolic-associated fatty liver disease. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3650-3666.	12.0	31
46	Deficiency of NG2 ⁺ Cells Contributes to the Susceptibility of Stroke-Prone Spontaneously Hypertensive Rats. <i>CNS Neuroscience and Therapeutics</i> , 2011, 17, 327-332.	3.9	30
47	Pharmacokinetics, tissue distribution and excretion study of dictamnine, a major bioactive component from the root bark of <i>Dictamnus dasycarpus</i> Turcz. (Rutaceae). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 942-943, 1-8.	2.3	29
48	Nicotinic acetylcholine receptor $\text{I}\kappa\text{B}$ subunit improves energy homeostasis and inhibits inflammation in nonalcoholic fatty liver disease. <i>Metabolism: Clinical and Experimental</i> , 2018, 79, 52-63.	3.4	29
49	Molecular characteristics, proton dissociation properties, and metal binding properties of soil organic matter: A theoretical study. <i>Science of the Total Environment</i> , 2019, 656, 521-530.	8.0	29
50	NAMPT and NAMPT-controlled NAD Metabolism in Vascular Repair. <i>Journal of Cardiovascular Pharmacology</i> , 2016, 67, 474-481.	1.9	28
51	Prognostic value of log odds of positive lymph nodes in node-positive lung squamous cell carcinoma patients after surgery: a SEER population-based study. <i>Translational Lung Cancer Research</i> , 2020, 9, 1285-1301.	2.8	27
52	P7C3 alleviates fatty liver by shaping gut microbiota and inducing FGF21/FGF1, via the AMP-activated protein kinase/CREB regulated transcription coactivator 2 pathway. <i>British Journal of Pharmacology</i> , 2021, 178, 2111-2130.	5.4	27
53	Depletion of NAD pool contributes to impairment of endothelial progenitor cell mobilization in diabetes. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 852-862.	3.4	26
54	Exogenous hydrogen sulfide reduces atrial remodeling and atrial fibrillation induced by diabetes mellitus via activation of the PI3K/Akt/eNOS pathway. <i>Molecular Medicine Reports</i> , 2020, 22, 1759-1766.	2.4	26

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55	Detection and Chemical Profiling of Ling-Gui-Zhu-Gan Decoction by Ultra Performance Liquid Chromatography-Hybrid Linear Ion Trap-Orbitrap Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2015, 53, 263-273.	1.4	25
56	Bone Morphogenetic Protein-9 Enhances Osteogenic Differentiation of Human Periodontal Ligament Stem Cells via the JNK Pathway. <i>PLoS ONE</i> , 2017, 12, e0169123.	2.5	22
57	A novel multi-reaction model for kinetics of Zn release from soils: Roles of soil binding sites. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 146-155.	9.4	22
58	Discovery of Novel Inhibitors and Fluorescent Probe Targeting NAMPT. <i>Scientific Reports</i> , 2015, 5, 12657.	3.3	19
59	Circulating and local visfatin/Nampt/PBEF levels in spontaneously hypertensive rats, stroke-prone spontaneously hypertensive rats and Wistar-Kyoto rats. <i>Journal of Physiological Sciences</i> , 2010, 60, 317-324.	2.1	18
60	A brief guide to good practices in pharmacological experiments: Western blotting. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1015-1017.	6.1	18
61	Sublobectomy versus lobectomy for long-term survival outcomes of early-stage non-small cell lung cancer with a tumor size ≥ 2 cm accompanied by visceral pleural invasion: a SEER population-based study. <i>Journal of Thoracic Disease</i> , 2020, 12, 592-604.	1.4	18
62	4-Phenyl butyric acid does not generally reduce glucose levels in rodent models of diabetes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 441-446.	1.9	17
63	Hepatoprotective Effect of Active Constituents Isolated from Mung Beans (<i>Vigna radiata</i> L. var. <i>haseolus</i>) Tj ETQq1 1 0.784314 rgBT /Overloc... 38, 453-459.	2.9	17
64	Nicotinamide phosphoribosyltransferase aggravates inflammation and promotes atherosclerosis in ApoE knockout mice. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1184-1192.	6.1	17
65	Water-soluble alkaloids extracted from Aconiti Radix lateralis praeparata protect against chronic heart failure in rats via a calcium signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111184.	5.6	17
66	Autophagy in the Disorders of Central Nervous System: Vital and/or Fatal?. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 955-956.	3.9	16
67	Nicotinamide Phosphoribosyltransferase Facilitates Post-Stroke Angiogenesis. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 475-477.	3.9	16
68	Homobivalent, Trivalent, and Covalent PROTACs: Emerging Strategies for Protein Degradation. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8798-8827.	6.4	15
69	Right mini-thoracotomy approach reduces hospital stay and transfusion of mitral or tricuspid valve reoperation with non-inferior efficacy: evidence from propensity-matched study. <i>Journal of Thoracic Disease</i> , 2018, 10, 4789-4800.	1.4	14
70	Visfatin is associated with lipid metabolic abnormalities in Lyon hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 894-899.	1.9	13
71	Effects of BMP9 and pulsed electromagnetic fields on the proliferation and osteogenic differentiation of human periodontal ligament stem cells. <i>Bioelectromagnetics</i> , 2017, 38, 63-77.	1.6	13
72	Identification and characterization of circular RNAs in atrial appendage of patients with atrial fibrillation. <i>Experimental Cell Research</i> , 2020, 389, 111821.	2.6	13

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73	Intravenous immunoglobulin for the treatment of intractable cholangitis after Kasai portoenterostomy in biliary atresia patients. <i>Pediatric Surgery International</i> , 2018, 34, 399-404.	1.4	10
74	A Fluorescence Sensor Capable of Real-Time Herbicide Effect Monitoring in Greenhouses and the Field. <i>Sensors</i> , 2018, 18, 3771.	3.8	10
75	Modeling kinetics of Ni dissociation from humic substances based on WHAM 7. <i>Chemosphere</i> , 2019, 221, 254-262.	8.2	10
76	Preoperative individualized education intervention reduces delirium after cardiac surgery: a randomized controlled study. <i>Journal of Thoracic Disease</i> , 2020, 12, 2188-2196.	1.4	10
77	Chemical constituents of the leaves from <i>Xanthoceras sorbifolia</i> . <i>Chemistry of Natural Compounds</i> , 2012, 48, 875-876.	0.8	9
78	Glycemic control is associated with atrial structural remodeling in patients with type 2 diabetes. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 278.	1.7	9
79	Facile synthesis of Cu ²⁺ -immobilized imprinted cotton for the selective adsorption of bovine hemoglobin. <i>Cellulose</i> , 2020, 27, 867-877.	4.9	9
80	Application of near infrared spectroscopy in monitoring the moisture content in freeze-drying process of human coagulation factor VIII. <i>Journal of Innovative Optical Health Sciences</i> , 2015, 08, 1550034.	1.0	8
81	Machine Learning Methods for Predicting Long-Term Mortality in Patients After Cardiac Surgery. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 831390.	2.4	8
82	A dual discrimination mode for improved specificity towards let-7a detection via a single-base mutated padlock probe-based exponential rolling circle amplification. <i>Luminescence</i> , 2017, 32, 1574-1581.	2.9	7
83	Admission Serum Ionized and Total Calcium as New Predictors of Mortality in Patients with Cardiogenic Shock. <i>BioMed Research International</i> , 2021, 2021, 1-15.	1.9	7
84	Development, validation and application of a ventilator-associated pneumonia prevention checklist in a single cardiac surgery centre. <i>Intensive and Critical Care Nursing</i> , 2018, 49, 58-64.	2.9	6
85	A retrospective study of the ideal operation time for preterm biliary atresia patients. <i>Pediatric Surgery International</i> , 2019, 35, 679-684.	1.4	6
86	Admission oxygen saturation and all-cause in-hospital mortality in acute myocardial infarction patients: data from the MIMIC-III database. <i>Annals of Translational Medicine</i> , 2020, 8, 1371.	1.7	6
87	Predictive value of lymphocyte-to-monocyte ratio in critically ill patients with atrial fibrillation: A propensity score matching analysis. <i>Journal of Clinical Laboratory Analysis</i> , 2022, 36, e24217.	2.1	6
88	Hypertonic and isotonic potassium solutions have different effects on vessel contractility resulting in differences in optimal resting tension in rat aorta. <i>Acta Pharmacologica Sinica</i> , 2007, 28, 643-650.	6.1	4
89	Confirming therapeutic target of protopine using immobilized α -adrenoceptor coupled with site-directed molecular docking and the target-drug interaction by frontal analysis and injection amount-dependent method. <i>Journal of Molecular Recognition</i> , 2017, 30, e2613.	2.1	4
90	Identification of <i>In Vivo</i> Metabolites of Dictamnine in Mice Using HPLC-LTQ-Orbitrap Mass Spectrometry. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-7.	1.6	4

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91	Results of rectoanal manometry after a novel laparoscopic technique: laparoscope-assisted heart-shaped anastomosis for Hirschsprung's disease. <i>Pediatric Surgery International</i> , 2019, 35, 685-690.	1.4	3
92	Benefits may not outweigh risks of low molecular weight heparin (LMWH) in early postoperative thromboprophylaxis following minimally invasive cardiac surgery: a propensity score-matched analysis. <i>Journal of Thoracic Disease</i> , 2019, 11, 5266-5273.	1.4	3
93	<scp>AntiV&SNGN</scp> : a universal antiviral strategy to combat both <scp>RNA</scp> and <scp>DNA</scp> viruses by destroying their nucleic acids without sequence limitation. <i>Microbial Biotechnology</i> , 0, , .	4.2	3
94	Coherent Photon Mapping on the Intel MIC Architecture. <i>Journal of Computer Science and Technology</i> , 2015, 30, 519-527.	1.5	2
95	Editorial: Autophagy in Inflammation Related Diseases. <i>Frontiers in Pharmacology</i> , 2022, 13, .	3.5	2
96	Reply to Moon and Minhas: Teasing apart NAD⁺ metabolism in inflammation: commentary on Zhou <i>et al</i>. (2016). <i>Br J Pharmacol</i> 173: 2352â€“2368. <i>British Journal of Pharmacology</i> , 2017, 174, 2962-2963.	5.4	1
97	Autophagy and Stroke. , 2018, , 137-148.		1
98	iTRAQ&•and LC&•MS/MS&•based quantitative proteomics reveals Pqlc2 as a potential regulator of hepatic glucose metabolism and insulin signalling pathway during fasting. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 238-249.	1.9	1
99	Synthesis of an Ion&•Imprinted Degreasing Cotton for the Selective Removal of Cu 2+ from Aqueous Solutions. <i>ChemistrySelect</i> , 2019, 4, 14169-14174.	1.5	0