

Pei Wang

List of Publications by Year in descending order

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99
papers

4,677
citations

94269

37
h-index

106150

65
g-index

105
all docs

105
docs citations

105
times ranked

8432
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.7	31
2	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.	0.9	6
3	Machine Learning Methods for Predicting Long-Term Mortality in Patients After Cardiac Surgery. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 831390.	1.1	8
4	Editorial: Autophagy in Inflammation Related Diseases. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	2
5	Homobivalent, Trivalent, and Covalent PROTACs: Emerging Strategies for Protein Degradation. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8798-8827.	2.9	15
6	A brief guide to good practices in pharmacological experiments: Western blotting. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1015-1017.	2.8	18
7	P7C3 α 2 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.	2.7	27
8	Excessive ROS production and enhanced autophagy contribute to myocardial injury induced by branched-chain amino acids: Roles for the AMPK-ULK1 signaling pathway and β 7nAChR. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 165980.	1.8	34
9	iTRAQ α and LC α MS/MS α -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.	0.9	1
10	NAD ⁺ -boosting therapy alleviates nonalcoholic fatty liver disease via stimulating a novel exerkine Fndc5/irisin. <i>Theranostics</i> , 2021, 11, 4381-4402.	4.6	42
11	Water-soluble alkaloids extracted from <i>Aconiti Radix lateralis praeparata</i> protect against chronic heart failure in rats via a calcium signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111184.	2.5	17
12	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.	0.9	7
13	Facile synthesis of Cu ²⁺ -immobilized imprinted cotton for the selective adsorption of bovine hemoglobin. <i>Cellulose</i> , 2020, 27, 867-877.	2.4	9
14	Identification and characterization of circular RNAs in atrial appendage of patients with atrial fibrillation. <i>Experimental Cell Research</i> , 2020, 389, 111821.	1.2	13
15	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.	1.3	27
16	Preoperative individualized education intervention reduces delirium after cardiac surgery: a randomized controlled study. <i>Journal of Thoracic Disease</i> , 2020, 12, 2188-2196.	0.6	10
17	Sublobectomy versus lobectomy for long-term survival outcomes of early-stage non-small cell lung cancer with a tumor size \geq 2 cm accompanied by visceral pleural invasion: a SEER population-based study. <i>Journal of Thoracic Disease</i> , 2020, 12, 592-604.	0.6	18
18	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.	1.1	26

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19	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.	0.7	6
20	Melatonin safeguards against fatty liver by antagonizing TRAFs-mediated ASK1 deubiquitination and stabilization in a I κ B-dependent manner. <i>Journal of Pineal Research</i> , 2019, 67, e12611.	3.4	39
21	Intestinal autophagy links psychosocial stress with gut microbiota to promote inflammatory bowel disease. <i>Cell Death and Disease</i> , 2019, 10, 391.	2.7	55
22	Modeling kinetics of Ni dissociation from humic substances based on WHAM 7. <i>Chemosphere</i> , 2019, 221, 254-262.	4.2	10
23	Nicotinamide phosphoribosyltransferase aggravates inflammation and promotes atherosclerosis in ApoE knockout mice. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1184-1192.	2.8	17
24	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.	0.6	3
25	A retrospective study of the ideal operation time for preterm biliary atresia patients. <i>Pediatric Surgery International</i> , 2019, 35, 679-684.	0.6	6
26	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.	0.6	3
27	Synthesis of an Imprinted Degreasing Cotton for the Selective Removal of Cu ²⁺ from Aqueous Solutions. <i>ChemistrySelect</i> , 2019, 4, 14169-14174.	0.7	0
28	Glycemic control is associated with atrial structural remodeling in patients with type 2 diabetes. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 278.	0.7	9
29	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.	3.9	29
30	Nicotinic ACh receptor $\alpha 7$ 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.	2.7	38
31	Intravenous immunoglobulin for the treatment of intractable cholangitis after Kasai portoenterostomy in biliary atresia patients. <i>Pediatric Surgery International</i> , 2018, 34, 399-404.	0.6	10
32	Autophagy in ischemic stroke. <i>Progress in Neurobiology</i> , 2018, 163-164, 98-117.	2.8	295
33	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.	1.4	6
34	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.	5.0	22
35	Cholinergic anti-inflammatory pathway inhibits neointimal hyperplasia by suppressing inflammation and oxidative stress. <i>Redox Biology</i> , 2018, 15, 22-33.	3.9	41
36	Nicotinic acetylcholine receptor $\alpha 7$ subunit improves energy homeostasis and inhibits inflammation in nonalcoholic fatty liver disease. <i>Metabolism: Clinical and Experimental</i> , 2018, 79, 52-63.	1.5	29

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37	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.	0.6	14
38	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.	0.7	4
39	A Fluorescence Sensor Capable of Real-Time Herbicide Effect Monitoring in Greenhouses and the Field. <i>Sensors</i> , 2018, 18, 3771.	2.1	10
40	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.	4.6	34
41	Autophagy and Stroke. , 2018, , 137-148.		1
42	Confirming therapeutic target of protopine using immobilized β -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.	1.1	4
43	Nicotinamide mononucleotide attenuates brain injury after intracerebral hemorrhage by activating Nrf2/HO-1 signaling pathway. <i>Scientific Reports</i> , 2017, 7, 717.	1.6	99
44	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.	1.0	142
45	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.	1.5	199
46	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.	2.5	38
47	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.	2.9	87
48	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.	1.5	7
49	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: 2352-2368. <i>British Journal of Pharmacology</i> , 2017, 174, 2962-2963.	2.7	1
50	NAD replenishment with nicotinamide mononucleotide protects blood-brain barrier integrity and attenuates delayed tissue plasminogen activator-induced haemorrhagic transformation after cerebral ischaemia. <i>British Journal of Pharmacology</i> , 2017, 174, 3823-3836.	2.7	62
51	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.	0.9	13
52	Bone Morphogenetic Protein-9 Enhances Osteogenic Differentiation of Human Periodontal Ligament Stem Cells via the JNK Pathway. <i>PLoS ONE</i> , 2017, 12, e0169123.	1.1	22
53	Neuroprotective Efficacy of an Aminopropyl Carbazole Derivative P7C3A20 in Ischemic Stroke. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 782-788.	1.9	34
54	NAMPT and NAMPT-controlled NAD Metabolism in Vascular Repair. <i>Journal of Cardiovascular Pharmacology</i> , 2016, 67, 474-481.	0.8	28

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55	Depletion of NAD pool contributes to impairment of endothelial progenitor cell mobilization in diabetes. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 852-862.	1.5	26
56	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.	2.7	150
57	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.	1.4	32
58	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.	0.5	8
59	Coherent Photon Mapping on the Intel MIC Architecture. <i>Journal of Computer Science and Technology</i> , 2015, 30, 519-527.	0.9	2
60	Regenerative Neurogenesis After Ischemic Stroke Promoted by Nicotinamide Phosphoribosyltransferase-Nicotinamide Adenine Dinucleotide Cascade. <i>Stroke</i> , 2015, 46, 1966-1974.	1.0	74
61	NAMPT as a Therapeutic Target against Stroke. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 891-905.	4.0	69
62	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.	2.0	49
63	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.	1.2	40
64	Discovery of Novel Inhibitors and Fluorescent Probe Targeting NAMPT. <i>Scientific Reports</i> , 2015, 5, 12657.	1.6	19
65	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.	2.4	89
66	Nicotinamide Phosphoribosyltransferase Facilitates Post-Stroke Angiogenesis. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 475-477.	1.9	16
67	Adipocyte Metrn1 Antagonizes Insulin Resistance Through PPAR γ Signaling. <i>Diabetes</i> , 2015, 64, 4011-4022.	0.3	126
68	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.	0.7	25
69	Antimicrobial, antioxidant and cytotoxic properties of essential oil from <i>Dictamnus angustifolius</i> . <i>Journal of Ethnopharmacology</i> , 2015, 159, 296-300.	2.0	34
70	ARRB1/ β 2-arrestin-1 mediates neuroprotection through coordination of BECN1-dependent autophagy in cerebral ischemia. <i>Autophagy</i> , 2014, 10, 1535-1548.	4.3	130
71	Extracellular Visfatin has Nicotinamide Phosphoribosyltransferase Enzymatic Activity and is Neuroprotective Against Ischemic Injury. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 539-547.	1.9	53
72	Hepatoprotective Effect of Active Constituents Isolated from Mung Beans (<i>Vigna radiata</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 38, 453-459.	1.2	17

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73	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.	1.7	76
74	Vascular smooth muscle cell apoptosis is an early trigger for hypothyroid atherosclerosis. <i>Cardiovascular Research</i> , 2014, 102, 448-459.	1.8	57
75	Intracellular NAMPT \rightarrow NAD \rightarrow SIRT1 cascade improves post-ischæmic vascular repair by modulating Notch signalling in endothelial progenitors. <i>Cardiovascular Research</i> , 2014, 104, 477-488.	1.8	64
76	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.	5.3	56
77	Subfatin is a Novel Adipokine and Unlike Meteorin in Adipose and Brain Expression. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 344-354.	1.9	83
78	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.	1.2	29
79	Simultaneous determination of limonin, dictamnine, obacunone and fraxinellone in rat plasma by a validated UHPLC \rightarrow MS/MS and its application to a pharmacokinetic study after oral administration of <i>Cortex Dictamni</i> extract. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 928, 44-51.	1.2	39
80	Visfatin and Cardio \rightarrow Cerebro \rightarrow Vascular Disease. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 59, 1-9.	0.8	39
81	A Double \rightarrow Edged Sword with Therapeutic Potential: An Updated Role of Autophagy in Ischemic Cerebral Injury. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 879-886.	1.9	153
82	Chemical constituents of the leaves from <i>Xanthoceras sorbifolia</i> . <i>Chemistry of Natural Compounds</i> , 2012, 48, 875-876.	0.2	9
83	Loss of AMP-Activated Protein Kinase \rightarrow 2 Impairs the Insulin-Sensitizing Effect of Calorie Restriction in Skeletal Muscle. <i>Diabetes</i> , 2012, 61, 1051-1061.	0.3	82
84	Autophagy in the Disorders of Central Nervous System: Vital and/or Fatal?. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 955-956.	1.9	16
85	Induction of autophagy contributes to the neuroprotection of nicotinamide phosphoribosyltransferase in cerebral ischemia. <i>Autophagy</i> , 2012, 8, 77-87.	4.3	290
86	Chronic Exposure to Nicotine Enhances Insulin Sensitivity through \rightarrow 7 Nicotinic Acetylcholine Receptor-STAT3 Pathway. <i>PLoS ONE</i> , 2012, 7, e51217.	1.1	43
87	Deficiency of NG2 ⁺ Cells Contributes to the Susceptibility of Stroke \rightarrow Prone Spontaneously Hypertensive Rats. <i>CNS Neuroscience and Therapeutics</i> , 2011, 17, 327-332.	1.9	30
88	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.	1.9	79
89	Adipokines in inflammation, insulin resistance and cardiovascular disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011, 38, 888-896.	0.9	59
90	Nicotinamide phosphoribosyltransferase protects against ischemic stroke through SIRT1 \rightarrow dependent adenosine monophosphate \rightarrow activated kinase pathway. <i>Annals of Neurology</i> , 2011, 69, 360-374.	2.8	255

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91	A fluorometric assay for high-throughput screening targeting nicotinamide phosphoribosyltransferase. <i>Analytical Biochemistry</i> , 2011, 412, 18-25.	1.1	52
92	Dysfunction of the Cholinergic Anti-Inflammatory Pathway Mediates Organ Damage in Hypertension. <i>Hypertension</i> , 2011, 57, 298-307.	1.3	98
93	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.	1.9	52
94	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.	0.9	18
95	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.	0.9	17
96	Visfatin is associated with lipid metabolic abnormalities in Lyon hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 894-899.	0.9	13
97	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.	1.8	274
98	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.	2.8	4
99	<sc>Anti- σ </sc> : a universal antiviral strategy to combat both <sc>RNA</sc> and <sc>DNA</sc> viruses by destroying their nucleic acids without sequence limitation. <i>Microbial Biotechnology</i> , 0, , .	2.0	3