

# Jie Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,016  
citations

516710

16  
h-index

434195

31  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1327  
citing authors

#	ARTICLE	IF	CITATIONS
1	2D/2D Ti <sub>3</sub> C <sub>2</sub> MXene/g-C <sub>3</sub> N <sub>4</sub> nanosheets heterojunction for high efficient CO <sub>2</sub> reduction photocatalyst: Dual effects of urea. Applied Catalysis B: Environmental, 2020, 268, 118738.	20.2	417
2	Melatonin Mediates Protective Effects against Kainic Acid-Induced Neuronal Death through Safeguarding ER Stress and Mitochondrial Disturbance. Frontiers in Molecular Neuroscience, 2017, 10, 49.	2.9	43
3	Poor expression of microRNA-135b results in the inhibition of cisplatin resistance and proliferation and induces the apoptosis of gastric cancer cells through MST1-mediated MAPK signaling pathway. FASEB Journal, 2019, 33, 3420-3436.	0.5	40
4	Ultrathin 2D/2D Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> /semiconductor dual-functional photocatalysts for simultaneous imine production and H <sub>2</sub> evolution. Journal of Materials Chemistry A, 2021, 9, 19984-19993.	10.3	40
5	Delivery Strategies for Melittin-Based Cancer Therapy. ACS Applied Materials & Interfaces, 2021, 13, 17158-17173.	8.0	30
6	Effects of Lipopolysaccharide on Human First Trimester Villous Cytotrophoblast Cell Function In Vitro. Biology of Reproduction, 2016, 94, 33.	2.7	29
7	LET-413/Erbin acts as a RAB-5 effector to promote RAB-10 activation during endocytic recycling. Journal of Cell Biology, 2018, 217, 299-314.	5.2	28
8	Increased expression of cdk5/p25 in N2a cells leads to hyperphosphorylation and impaired axonal transport of neurofilament proteins. Life Sciences, 2010, 86, 532-537.	4.3	26
9	ox-LDL downregulates eNOS activity via LOX-1-mediated endoplasmic reticulum stress. International Journal of Molecular Medicine, 2013, 32, 1442-1450.	4.0	25
10	Enhanced and selective delivery of enzyme therapy to 9L-glioma tumor via magnetic targeting of PEG-modified, &szlig;-glucosidase- conjugated iron oxide nanoparticles. International Journal of Nanomedicine, 2014, 9, 2905.	6.7	24
11	Magnetic tumor targeting of $\beta$ -glucosidase immobilized iron oxide nanoparticles. Nanotechnology, 2013, 24, 375102.	2.6	23
12	Berberine Attenuates Axonal Transport Impairment and Axonopathy Induced by Calyculin A in N2a Cells. PLoS ONE, 2014, 9, e93974.	2.5	22
13	Synergic morphology engineering and pore functionality within a metal-organic framework for trace CO <sub>2</sub> capture. Journal of Materials Chemistry A, 2022, 10, 881-890.	10.3	22
14	&lt;p>&gt;Magnetically Directed Enzyme/Prodrug Prostate Cancer Therapy Based on $\beta$ -Glucosidase/Amygdalin&lt;p>&gt;. International Journal of Nanomedicine, 2020, Volume 15, 4639-4657.	6.7	21
15	Delivery of TFPI-2 Using Ultrasound with a Microbubble Agent (SonoVue) Inhibits Intimal Hyperplasia after Balloon Injury in a Rabbit Carotid Artery Model. Ultrasound in Medicine and Biology, 2010, 36, 1876-1883.	1.5	19
16	PLK1 Inhibition Induces Immunogenic Cell Death and Enhances Immunity against NSCLC. International Journal of Medical Sciences, 2021, 18, 3516-3525.	2.5	18
17	Probing the Node Chemistry of a Metal-Organic Framework to Achieve Ultrahigh Hydrophobicity and Highly Efficient CO <sub>2</sub> /CH <sub>4</sub> Separation. ACS Sustainable Chemistry and Engineering, 2021, 9, 15897-15907.	6.7	17
18	Khat promotes human breast cancer MDA-MB-231 cell apoptosis via mitochondria and MAPK-associated pathways. Oncology Letters, 2017, 14, 3947-3952.	1.8	16

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19	One-Step Ethylene Purification by an Ethane-Screening Metal-Organic Framework. ACS Applied Materials & Interfaces, 2022, 14, 15195-15204.	8.0	15
20	Puerarin attenuates glutamate-induced neurofilament axonal transport impairment. Journal of Ethnopharmacology, 2010, 132, 150-156.	4.1	14
21	Cefradine blocks solar-ultraviolet induced skin inflammation through direct inhibition of T-LAK cell-originated protein kinase. Oncotarget, 2016, 7, 24633-24645.	1.8	14
22	Plasmonic semiconductor photocatalyst: Non-stoichiometric tungsten oxide. Environmental Research, 2021, 199, 111259.	7.5	13
23	CT classification model of pancreatic serous cystic neoplasms and mucinous cystic neoplasms based on a deep neural network. Abdominal Radiology, 2022, 47, 232-241.	2.1	12
24	Relieving immunosuppression during long-term anti-angiogenesis therapy using photodynamic therapy and oxygen delivery. Nanoscale, 2020, 12, 14788-14800.	5.6	11
25	Aptamer-H2 superbinder-based targeted therapy for pancreatic ductal adenocarcinoma. Clinical and Translational Medicine, 2021, 11, e337.	4.0	11
26	Clinical and histopathological features of pulmonary sclerosing pneumocytoma with dense spindle stromal cells and lymph node metastasis. Histopathology, 2020, 77, 718-727.	2.9	10
27	PEG modification enhances the in vivo stability of bioactive proteins immobilized on magnetic nanoparticles. Biotechnology Letters, 2020, 42, 1407-1418.	2.2	8
28	Autophagy influences the low-dose hyper-radiosensitivity of human lung adenocarcinoma cells by regulating MLH1. International Journal of Radiation Biology, 2017, 93, 600-606.	1.8	7
29	Effect of truncated-ApoE4 overexpression on tau phosphorylation in cultured N2a cells. Journal of Huazhong University of Science and Technology [Medical Sciences], 2006, 26, 272-274.	1.0	6
30	Effects of Tat peptide on intracellular delivery of arsenic trioxide albumin microspheres. Anti-Cancer Drugs, 2012, 23, 303-312.	1.4	5
31	Simvastatin Improves Outcomes of Endotoxin-induced Coagulopathy by Regulating Intestinal Microenvironment. Current Medical Science, 2022, , 1.	1.8	5
32	Preparation of arsenic trioxide albumin microspheres and its release characteristics in vitro. Journal of Huazhong University of Science and Technology [Medical Sciences], 2005, 25, 310-312.	1.0	4
33	Targeted delivery of $\beta$ -glucosidase-loaded magnetic nanoparticles: effect of external magnetic field duration and intensity. Nanomedicine, 2020, 15, 2029-2040.	3.3	4
34	Cerebral Ischemia-Reperfusion Injury: Lysophosphatidic Acid Mediates Inflammation by Decreasing the Expression of Liver X Receptor. Journal of Molecular Neuroscience, 2020, 70, 1376-1384.	2.3	4
35	Preparation of arsenic trioxide-loaded albumin immunonanospheres and its specific killing effect on bladder cancer cell in vitro. Chinese Medical Journal, 2005, 118, 50-5.	2.3	4
36	Association between ADAM33 S2 and V4 polymorphisms and susceptibility to allergic rhinitis: A meta-analysis. Allergologia Et Immunopathologia, 2016, 44, 170-176.	1.7	2

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37	Revealing Functional Crosstalk between Distinct Bioprocesses through Reciprocal Functional Tests of Genetically Interacting Genes. <i>Cell Reports</i> , 2019, 29, 2646-2658.e5.	6.4	2
38	On-Surface Synthesis of 2D Porphyrin-Based Covalent Organic Frameworks Using Terminal Alkynes. <i>Chemistry of Materials</i> , 2021, 33, 8677-8684.	6.7	2
39	Large-Scale Gastric Cancer Susceptibility Gene Identification Based on Gradient Boosting Decision Tree. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 815243.	3.5	2
40	FGF4, A New Potential Regulator in Gestational Diabetes Mellitus. <i>Frontiers in Pharmacology</i> , 2022, 13, 827617.	3.5	1
41	Intravesical instillation in pure line LEW rats and nude mice. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2007, 27, 288-290.	1.0	0
42	Toll-like Receptor 4 Gene Polymorphisms in Chinese Population After Allogeneic Hematopoietic Stem Cell Transplantation. <i>Current Bioinformatics</i> , 2021, 16, 225-229.	1.5	0