

# Jian He

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,301  
citations

430874

18  
h-index

361022

35  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1856  
citing authors

#	ARTICLE	IF	CITATIONS
1	Promising electron mobility and high thermal conductivity in Sc <sub>2</sub> CT <sub>2</sub> (T = F, Tj ETQq1 1 0.784314 rgBT /Oveil	5.6	205
2	The thermal and electrical properties of the promising semiconductor MXene Hf <sub>2</sub> CO <sub>2</sub> . Scientific Reports, 2016, 6, 27971.	3.3	178
3	Catalytic Transfer Hydrogenation of Bio-Based Furfural with NiO Nanoparticles. ACS Sustainable Chemistry and Engineering, 2018, 6, 17220-17229.	6.7	88
4	Catalytic Transfer Hydrogenation of Furfural to Furfuryl Alcohol with Recyclable Al@Zr@Fe Mixed Oxides. ChemCatChem, 2018, 10, 430-438.	3.7	85
5	VFFDT: A New Software for Preparing AMBER Force Field Parameters for Metal-Containing Molecular Systems. Journal of Chemical Information and Modeling, 2016, 56, 811-818.	5.4	73
6	Structures and Mechanical and Electronic Properties of the Ti <sub>2</sub> CO <sub>2</sub> MXene Incorporated with Neighboring Elements (Sc, V, B and N). Journal of Electronic Materials, 2017, 46, 2460-2466.	2.2	68
7	Eco-friendly acetylcholine-carboxylate bio-ionic liquids for controllable N-methylation and N-formylation using ambient CO <sub>2</sub> at low temperatures. Green Chemistry, 2019, 21, 567-577.	9.0	68
8	Tuning the Electrical Conductivity of Ti <sub>2</sub> CO <sub>2</sub> MXene by Varying the Layer Thickness and Applying Strains. Journal of Physical Chemistry C, 2019, 123, 6802-6811.	3.1	49
9	Fibroblast growth factor 2 protects against renal ischaemia/reperfusion injury by attenuating mitochondrial damage and proinflammatory signalling. Journal of Cellular and Molecular Medicine, 2017, 21, 2909-2925.	3.6	39
10	Control of selectivity in hydrosilane-promoted heterogeneous palladium-catalysed reduction of furfural and aromatic carboxides. Communications Chemistry, 2018, 1, .	4.5	31
11	Catalytic Upgrading of Biomass-Derived Sugars with Acidic Nanoporous Materials: Structural Role in Carbon-Chain Length Variation. ChemSusChem, 2019, 12, 347-378.	6.8	30
12	Two-dimensional semiconducting Lu <sub>2</sub> CT <sub>2</sub> (T = F, OH) MXene with low work function and high carrier mobility. Nanoscale, 2020, 12, 3795-3802.	5.6	30
13	The Feedback Regulation of PI3K-miR-19a, and MAPK-miR-23b/27b in Endothelial Cells under Shear Stress. Molecules, 2013, 18, 1-13.	3.8	26
14	New insight into the helium-induced damage in MAX phase Ti <sub>3</sub> AlC <sub>2</sub> by first-principles studies. Journal of Chemical Physics, 2015, 143, 114707.	3.0	26
15	Clonal evolution in liver cancer at single-cell and single-variant resolution. Journal of Hematology and Oncology, 2021, 14, 22.	17.0	25
16	Investigation of the neuroprotective effects of Lycium barbarum water extract in apoptotic cells and Alzheimer's disease mice. Molecular Medicine Reports, 2018, 17, 3599-3606.	2.4	22
17	Electronic structures and mechanical properties of Al(111)/ZrB <sub>2</sub> (0001) heterojunctions from first-principles calculation. Molecular Physics, 2015, 113, 1794-1801.	1.7	21
18	Sustainable Synthesis of 2-Arylbenzoxazoles over a Cobalt-Based Nanocomposite Catalyst. Organic Process Research and Development, 2016, 20, 1093-1096.	2.7	20

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19	High-Performance MIM Capacitors for a Secondary Power Supply Application. <i>Micromachines</i> , 2018, 9, 69.	2.9	18
20	Discovery of new muscarinic acetylcholine receptor antagonists from <i>Scopolia tangutica</i> . <i>Scientific Reports</i> , 2017, 7, 46067.	3.3	17
21	Ginsenoside Rg1 Downregulates the Shear Stress Induced MCP-1 Expression by Inhibiting MAPK Signaling Pathway. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 305-317.	3.8	16
22	Bioactivity-Guided Fractionation of Pine Needle Reveals Catechin as an Anti-hypertension Agent via Inhibiting Angiotensin-Converting Enzyme. <i>Scientific Reports</i> , 2017, 7, 8867.	3.3	16
23	Recent Developments in the Catalytic Synthesis of 2-Substituted Benzoxazoles. <i>Current Organic Chemistry</i> , 2017, 21, .	1.6	13
24	Mutational and transcriptomic landscapes of a rare human prostate basal cell carcinoma. <i>Prostate</i> , 2020, 80, 508-517.	2.3	12
25	Improved lysis of single bacterial cells by a modified alkaline-thermal shock procedure. <i>BioTechniques</i> , 2016, 60, 129-135.	1.8	11
26	Simultaneous Refolding of Wheat Proteins and Soy Proteins Forming Novel Antibiotic Superstructures by Carrying Eugenol. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7698-7708.	5.2	10
27	Recurrent somatic mutations of <i>PRKAR1A</i> in isolated cardiac myxoma. <i>Oncotarget</i> , 2017, 8, 103968-103974.	1.8	10
28	<i>Paecilomyces tenuipes</i> extract prevents depression-like behaviors in chronic unpredictable mild stress-induced rat model via modulation of neurotransmitters. <i>Molecular Medicine Reports</i> , 2017, 16, 2172-2178.	2.4	9
29	A Novel Prognostic Biomarker LPAR6 in Hepatocellular Carcinoma via Associating with Immune Infiltrates. <i>Journal of Clinical and Translational Hepatology</i> , 2022, 10, 90-103.	1.4	9
30	Hydrophilic co-assemblies of two hydrophobic biomolecules improving the bioavailability of silybin. <i>Food and Function</i> , 2020, 11, 10828-10838.	4.6	8
31	Construction of a Human Cell Landscape of COVID-19 Infection at Single-cell Level. , 2021, 12, 705.		7
32	Discovery of new targets of phenolic acids in danshen using a label-free cell phenotypic assay. <i>RSC Advances</i> , 2015, 5, 25768-25776.	3.6	6
33	Investigation of the immunomodulatory activity of <i>Tricholoma matsutake</i> mycelium in cyclophosphamide-induced immunosuppressed mice. <i>Molecular Medicine Reports</i> , 2017, 16, 4320-4326.	2.4	6
34	Impact of the 2019 Novel Coronavirus Disease (COVID-19) Epidemic on Radiotherapy-Treated Patients with Cancer: A Single-Center Descriptive Study. <i>Cancer Management and Research</i> , 2021, Volume 13, 37-43.	1.9	6
35	New Insights into Bioactive Compounds of Traditional Chinese Medicines for Insulin Resistance Based on Signaling Pathways. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900176.	2.1	5
36	Effect of Oral Nutritional Supplements on Patients with Esophageal Cancer During Radiotherapy. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2023, 38, 89-94.	1.0	5

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37	Effect of Ambient Nitrogen on the Growth of Phytoplankton in the Bohai Sea: Kinetics and Parameters. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005643.	3.0	5
38	Serum TGF- $\beta$ 1: A Potential Biomarker for Early Detection of Hepatocellular Carcinoma. <i>EBioMedicine</i> , 2016, 12, 4-5.	6.1	3
39	Out-of-plane actuation of silicon micro-cantilever based on (Pb, La) (Zr, Ti)O <sub>3</sub> antiferroelectric thick films. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 1758-1763.	2.2	3
40	Prognostic Value of the Albumin-to-Alkaline Phosphatase Ratio before Chemoradiotherapy in Patients with Nonmetastatic Nasopharyngeal Carcinoma. <i>Chemotherapy</i> , 2021, 66, 1-7.	1.6	3
41	Construction of a risk map to understand the vulnerability of various types of cancer patients to COVID-19 infection. <i>MedComm</i> , 2021, 2, 69-81.	7.2	3
42	Lysophosphatidic Acid Receptor 6 (LPAR6) Is a Potential Biomarker Associated with Lung Adenocarcinoma. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11038.	2.6	3
43	Analysis of Anxiety and Depression Status in Patients Undergoing Radiotherapy During the COVID-19 Epidemic. <i>Frontiers in Psychiatry</i> , 2021, 12, 771621.	2.6	3
44	TRPV1, a novel biomarker associated with lung cancer via excluding immune infiltration. <i>MedComm</i> , 2022, 3, .	7.2	3
45	Myalgias upon PD-1 checkpoint blockade: Think of immunotherapy induced hypothyroid myopathy. <i>European Journal of Cancer</i> , 2021, 155, 38-41.	2.8	2
46	Rapid response of locally advanced oral squamous cell carcinoma to apatinib: A case report. <i>Open Medicine (Poland)</i> , 2021, 16, 1668-1672.	1.3	2
47	Exploratory Purification of Compounds from Aqueous Extracts of <i>Pinus massoniana</i> Lamb. by Two-Dimensional Preparative Liquid Chromatography. <i>Chromatographia</i> , 2017, 80, 39-43.	1.3	1
48	The Effect of Correction Algorithms on Knee Kinematics and Kinetics during Gait of Patients with Knee Osteoarthritis. <i>Applied Bionics and Biomechanics</i> , 2020, 2020, 1-8.	1.1	1
49	A Validated LC-MS/MS Method for Simultaneous Quantification of Simvastatin and Simvastatin Acid in Beagle Plasma: Application to an Absolute Bioavailability Study. <i>Biomedical Chromatography</i> , 2021, , e5290.	1.7	1
50	Abstract P42: Construction of a risk map to understand the vulnerability of various types of cancer patients to COVID-19 infection. , 2021, , .		0
51	Development and validation of a LC-MS/MS method for the enantioseparation and determination of clopidogrel bisulfate in beagle plasma and its application to a stereoselective pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 196, 113901.	2.8	0
52	On the Unique Response Roman Domination Numbers of Graphs. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 7362-7365.	0.4	0
53	Comment on "Photobiomodulation therapy for the prevention of acute radiation dermatitis (ARD) in head and neck cancer patients (DERMISHEAD trial)" Radiotherapy and Oncology, 2022, , .	0.6	0