

# Wei He

## List of Publications by Year in descending order

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55  
papers

1,172  
citations

471509

17  
h-index

395702

33  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Boundary Vibration Control of Variable Length Crane Systems in Two-Dimensional Space With Output Constraints. <i>IEEE/ASME Transactions on Mechatronics</i> , 2017, 22, 1952-1962.	5.8	182
2	Neural Network Control of a Two-Link Flexible Robotic Manipulator Using Assumed Mode Method. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 755-765.	11.3	155
3	Iterative Learning Control of a Robotic Arm Experiment Platform with Input Constraint. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 664-672.	7.9	95
4	Fuzzy Tracking Control for a Class of Uncertain MIMO Nonlinear Systems With State Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 543-554.	9.3	57
5	Robust adaptive vibration control for an uncertain flexible Timoshenko robotic manipulator with input and output constraints. <i>International Journal of Systems Science</i> , 2017, 48, 2860-2870.	5.5	52
6	Protective effects of Celastrol on diethylnitrosamine-induced hepatocellular carcinoma in rats and its mechanisms. <i>European Journal of Pharmacology</i> , 2016, 784, 173-180.	3.5	50
7	Atmospheric PBDEs at rural and urban sites in central China from 2010 to 2013: Residual levels, potential sources and human exposure. <i>Environmental Pollution</i> , 2014, 192, 232-243.	7.5	41
8	DNA phosphorothioate modifications influence the global transcriptional response and protect DNA from double-stranded breaks. <i>Scientific Reports</i> , 2014, 4, 6642.	3.3	40
9	Synthetic Genomics: From DNA Synthesis to Genome Design. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1748-1756.	13.8	35
10	Iron-catalyzed reductive cyclization reaction of 1,6-enynes for the synthesis of 3-acylbenzofurans and thiophenes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 342-346.	4.5	35
11	Regulation of DNA phosphorothioate modification in <i>Salmonella enterica</i> by DndB. <i>Scientific Reports</i> , 2015, 5, 12368.	3.3	32
12	An Adaptive Passivity-Based Controller of a Buck-Boost Converter with a Constant Power Load. <i>Asian Journal of Control</i> , 2019, 21, 581-595.	3.0	31
13	Changes in endogenous hormones and H <sub>2</sub> O <sub>2</sub> burst during shoot organogenesis in TDZ-treated <i>Saussurea involucre</i> explants. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 128, 1-8.	2.3	29
14	Boundary vibration control for a flexible Timoshenko robotic manipulator. <i>IET Control Theory and Applications</i> , 2018, 12, 875-882.	2.1	29
15	Preparation, characterization and physicochemical properties of cassava starch-ferulic acid complexes by mechanical activation. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 482-488.	7.5	28
16	<i>Acinetobacter qingfengensis</i> sp. nov., isolated from canker bark of <i>Populus euramericana</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1043-1050.	1.7	26
17	<i>Acinetobacter puyangensis</i> sp. nov., isolated from the healthy and diseased part of <i>Populus euramericana</i> canker bark. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2963-2969.	1.7	24
18	Iron-catalyzed hydrogen atom transfer induced cyclization of 1,6-enynes for the synthesis of ketoximes: a combined experimental and computational study. <i>Organic Chemistry Frontiers</i> , 2021, 8, 643-652.	4.5	17

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19	Description of <i>Acinetobacter populi</i> sp. nov. isolated from symptomatic bark of <i>Populus euramericana</i> canker. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4461-4468.	1.7	17
20	Global tissue transcriptomic analysis to improve genome annotation and unravel skin pigmentation in goldfish. <i>Scientific Reports</i> , 2021, 11, 1815.	3.3	15
21	Characterization of ultrafine copper powder prepared by novel electrodeposition method. <i>Central South University</i> , 2009, 16, 708-712.	0.5	14
22	Metal-Free Oxidative Annulation/Cyclization of 1,6-Enynes for the Synthesis of 4-Carbonylquinolines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2959-2964.	4.3	13
23	Performance study on three-stage power system of compressed air vehicle based on single-screw expander. <i>Science China Technological Sciences</i> , 2010, 53, 2299-2303.	4.0	12
24	Zhizhu Decoction Promotes Gastric Emptying and Protects the Gastric Mucosa. <i>Journal of Medicinal Food</i> , 2013, 16, 306-311.	1.5	11
25	Robust adaptive vibration control for a string with time-varying output constraint. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 5213-5231.	3.7	11
26	Telomerase Activity Assay via 3,3',5,5'-Tetramethylbenzidine Dilation Etching of Gold Nanorods. <i>ACS Applied Nano Materials</i> , 2022, 5, 1484-1490.	5.0	11
27	Variation in Soil Fungal Composition Associated with the Invasion of <i>Stellera chamaejasme</i> L. in Qinghai-Tibet Plateau Grassland. <i>Microorganisms</i> , 2019, 7, 587.	3.6	10
28	Synthesis and biological activity of novel 1-(2,3,4-trimethoxyphenyl)-2-[[5-(3,4-trimethoxyphenyl)-1,3,4-thiadiazol-2-yl]thio]ethanone oxime ester derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 867-871.	2.9	9
29	Intracellular translocation of histone deacetylase 5 regulates neuronal cell apoptosis. <i>Brain Research</i> , 2015, 1604, 15-24.	2.2	9
30	Exploring the match between the degradation of the ECM-based composites and tissue remodeling in a full-thickness abdominal wall defect model. <i>Biomaterials Science</i> , 2021, 9, 7895-7910.	5.4	9
31	Rietveld refinement of ternary compound $Gd_{117}Fe_{52}Ge_{112}$ . <i>Powder Diffraction</i> , 2007, 22, 312-315.	0.2	7
32	Host Genotype and Precipitation Influence of Fungal Endophyte Symbiosis and Mycotoxin Abundance in a Locoweed. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5285.	4.1	7
33	Synthesis of tri-substituted allyl alcohols via a copper/iron co-catalyzed cascade perfluoroalkylation/rearrangement of aryl propynyl ethers. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3575-3579.	4.5	6
34	Synthesis of 2-cyanoacrylates containing pyridinyl moiety under ultrasound irradiation. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 1211-1214.	2.6	5
35	Isothermal section of Dy-Zr-Si ternary system at 773 K. <i>Rare Metals</i> , 2012, 31, 611-614.	7.1	5
36	Experimental Study on the Influence of Rotational Speed on the Performance of a Single-screw Expander with a 175 mm Screw Diameter. <i>International Journal of Green Energy</i> , 2015, 12, 257-264.	3.8	5

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37	Metal-Free Oxidative [5+1] Cyclization of 1,5-Enynes for the Synthesis of Pyrazine 1-oxide. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3621-3626.	4.3	5
38	Coordinate-Free Distributed Localization and Circumnavigation for Nonholonomic Vehicles Without Position Information. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 2523-2534.	5.8	5
39	Host-Species Variation and Environment Influence Endophyte Symbiosis and Mycotoxin Levels in Chinese <i>Oxytropis</i> Species. <i>Toxins</i> , 2022, 14, 181.	3.4	5
40	Copper-Catalyzed Base-Free N-Arylation of 8-Aminoquinoline Amides through Chelation Assistance. <i>Synlett</i> , 2018, 29, 2269-2274.	1.8	4
41	Boundary control of flexible aircraft wings for vibration suppression. <i>International Journal of Control</i> , 2019, 92, 2499-2508.	1.9	4
42	Direct visualization of photo-induced disulfide through oxidative coupling of <i>p</i> -aminothiophenol. <i>Chemical Communications</i> , 2021, 57, 4190-4193.	4.1	4
43	In vitro propagation of a poisonous plant <i>Oxytropis glabra</i> (Lam.) DC. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 49-55.	2.3	3
44	Crystal structure, properties, and diffraction data of a new compound Dy <sub>5</sub> Co <sub>6</sub> Sn <sub>18</sub> . <i>Powder Diffraction</i> , 2008, 23, 26-30.	0.2	2
45	Crystal structure and powder X-ray diffraction data for new Tb <sub>3</sub> CuAl <sub>3</sub> Ge <sub>2</sub> compound. <i>Powder Diffraction</i> , 2015, 30, 63-66.	0.2	2
46	Incremental passivity based control for DC-DC boost converter with circuit parameter perturbations using nonlinear disturbance observer. , 2016, , .		2
47	Nonlinear thermal expansion in Li <sub>2</sub> NiMn <sub>3</sub> O <sub>8</sub> . <i>Powder Diffraction</i> , 2008, 23, 224-227.	0.2	1
48	Synthetische Genomik: von der DNA-Synthese zu Designer-Genomen. <i>Angewandte Chemie</i> , 2018, 130, 1764-1773.	2.0	1
49	Notice of Violation of IEEE Publication Principles: 3-D Spherical perfectly matched layer for finite-volume domain truncation. , 2010, , .		0
50	Experimental Investigations on the Pressure Drop of a Two-cone Hydrocyclone for Separation Fine Particles from Waste Water. , 2010, , .		0
51	Research on ejection coefficient of air-air ejector. , 2011, , .		0
52	A self-powered high sensitive sensor for AC electric current. , 2011, , .		0
53	Investigation on Phase Equilibria of the Al-Sb-Tb Ternary System at 773 K Utilizing Rietveld Analysis. <i>Journal of Phase Equilibria and Diffusion</i> , 2016, 37, 564-573.	1.4	0
54	Relative Pose Neural Network Control of Autonomous Space Proximity Missions. , 2019, , .		0

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55	Autocatalytic Photodynamic Amplification of PpIX-Conjugated Shell-Cross-Linked (SCL) Micelles via <sup>1</sup> O <sub>2</sub> Cleaves Cross-Linkers. ACS Applied Polymer Materials, 2022, 4, 2432-2441.	4.4	0