

# Fei Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46  
papers

629  
citations

14  
h-index

23  
g-index

49  
ext. papers

934  
ext. citations

5.7  
avg, IF

4.55  
L-index

#	Paper	IF	Citations
46	Combined bioderivatization and engineering approach to improve the efficiency of geraniol production. <i>Green Chemistry</i> , <b>2022</b> , 24, 864-876	10	0
45	Genetic and Bioprocess Engineering for the Selective and High-Level Production of Geranyl Acetate in <i>Escherichia coli</i> . <i>ACS Sustainable Chemistry and Engineering</i> , <b>2022</b> , 10, 2881-2889	8.3	0
44	Engineering <i>Escherichia coli</i> for effective and economic production of cis-abienol by optimizing isopentenol utilization pathway. <i>Journal of Cleaner Production</i> , <b>2022</b> , 351, 131310	10.3	1
43	Chitosan binding to a novel alfalfa phytoferritin nanocage loaded with baicalein: Simulated digestion and absorption evaluation.. <i>Food Chemistry</i> , <b>2022</b> , 386, 132716	8.5	0
42	Improved stability and pharmacokinetics of wogonin through loading into PASylated ferritin.. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2022</b> , 216, 112515	6	0
41	A biocompatible and pH-responsive nanohydrogel based on cellulose nanocrystal for enhanced toxic reactive oxygen species generation. <i>Carbohydrate Polymers</i> , <b>2021</b> , 258, 117685	10.3	18
40	Synthetic Protein Scaffolds for Improving (-)-Linalool Production in. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 5663-5670	5.7	5
39	Engineering <i>Escherichia coli</i> for production of geraniol by systematic synthetic biology approaches and laboratory-evolved fusion tags. <i>Metabolic Engineering</i> , <b>2021</b> , 66, 60-67	9.7	10
38	Tumor-Penetrating Peptide-Functionalized Ferritin Enhances Antitumor Activity of Paclitaxel.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 2654-2663	4.1	6
37	tLyP-1 Peptide Functionalized Human H Chain Ferritin for Targeted Delivery of Paclitaxel. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 789-802	7.3	8
36	ERK-Peptide-Inhibitor-Modified Ferritin Enhanced the Therapeutic Effects of Paclitaxel in Cancer Cells and Spheroids. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 3365-3377	5.6	6
35	Synthesis of Spiroisoxazolines via an Oximation/Dearomatization Cascade under Air. <i>Organic Letters</i> , <b>2020</b> , 22, 4429-4434	6.2	7
34	Sulfoxide Reduction/C(sp)-S Metathesis Cascade in Ionic Liquid. <i>Organic Letters</i> , <b>2020</b> , 22, 5701-5705	6.2	1
33	Electrochemical Oxidative Oxydihalogenation of Alkynes for the Synthesis of $\beta$ -Dihaloketones. <i>Organic Letters</i> , <b>2020</b> , 22, 1169-1174	6.2	28
32	Dendritic Mesoporous Organosilica Nanoparticles: A pH-Triggered Autocatalytic Fenton Reaction System with Self-supplied HO for Generation of High Levels of Reactive Oxygen Species. <i>Langmuir</i> , <b>2020</b> , 36, 5262-5270	4	7
31	Two-Dimensional Metal Hexahydroxybenzene Frameworks as Promising Electrocatalysts for an Oxygen Reduction Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 7472-7479	8.3	22
30	Nanoformulations to Enhance the Bioavailability and Physiological Functions of Polyphenols. <i>Molecules</i> , <b>2020</b> , 25,	4.8	31

29	Efficient Biosynthesis of (-)-Linalool through Adjusting the Expression Strategy and Increasing GPP Supply in. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 8381-8390	5.7	10
28	Mechanistic Insights into the Solvent-Driven Adsorptive Hydrodeoxygenation of Biomass Derived Levulinate Acid/Ester to 2-Methyltetrahydrofuran over Bimetallic CuNi Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 11477-11490	8.3	13
27	N-Aryl Pyrrole Synthesis from Biomass-Derived Furans and Arylamine over Lewis Acidic Hf-Doped Mesoporous SBA-15 Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 12161-12167	8.3	9
26	Catalytic Cracking of Inedible Oils for the Production of Drop-In Biofuels over a SO <sub>4</sub> 2/TiO <sub>2</sub> -ZrO <sub>2</sub> Catalyst. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 14204-14214	4.1	7
25	Synthesis of Spiroisoxazolines via TEMPO/NaNO <sub>2</sub> -Catalyzed Aerobic Oxidative Dearomatization. <i>Organic Letters</i> , <b>2020</b> , 22, 6847-6851	6.2	3
24	Electrochemically Enabled Sulfonylation of Alkynes with Sodium Sulfinates. <i>Organic Letters</i> , <b>2020</b> , 22, 6827-6831	6.2	18
23	Extraction, Purification, and Biological Activities of Polysaccharides from Branches and Leaves of <i>S. et Z. Molecules</i> , <b>2019</b> , 24,	4.8	4
22	Proanthocyanidin Encapsulated in Ferritin Enhances Its Cellular Absorption and Antioxidant Activity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 11498-11507	5.7	14
21	Reactive oxygen species mediated theranostics using a Fenton reaction activable lipo-polymersome. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 314-323	7.3	21
20	Modulating Heterologous Pathways and Optimizing Culture Conditions for Biosynthesis of -10, -12 Conjugated Linoleic Acid in. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
19	Integrated catalytic conversion of waste triglycerides to liquid hydrocarbons for aviation biofuels. <i>Journal of Cleaner Production</i> , <b>2019</b> , 222, 784-792	10.3	38
18	Metal-Free Cyclopropanol Ring-Opening C(sp)-C(sp) Cross-Couplings with Aryl Sulfoxides. <i>Organic Letters</i> , <b>2019</b> , 21, 5600-5605	6.2	17
17	Hafnium-Doped Mesoporous Silica as Efficient Lewis Acidic Catalyst for Friedel-Crafts Alkylation Reactions. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	7
16	Peptide-Mediated Immobilization on Magnetoferritin for Enzyme Recycling. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	3
15	Novel Paclitaxel-Loaded Nanoparticles Based on Human H Chain Ferritin for Tumor-Targeted Delivery. <i>ACS Biomaterials Science and Engineering</i> , <b>2019</b> , 5, 6645-6654	5.5	16
14	Producing BTX aromatics-enriched oil from biomass derived glycerol using dealuminated HZSM-5 by successive steaming and acid leaching as catalyst: Reactivity, acidity and product distribution. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 277, 286-294	5.3	18
13	Effects of In Vitro Digestion on the Content and Biological Activity of Polyphenols from Bark. <i>Molecules</i> , <b>2018</b> , 23,	4.8	7
12	Simple and efficient conversion of cellulose to Valerolactone through an integrated alcoholysis/transfer hydrogenation system using Ru and aluminium sulfate catalysts. <i>Catalysis Science and Technology</i> , <b>2018</b> , 8, 6252-6262	5.5	15

11	Analytical Profiling of Proanthocyanidins from Bark and In Vitro Assessment of Antioxidant and Antidiabetic Potential. <i>Molecules</i> , <b>2018</b> , 23,	4.8	12
10	Green Synthesis of Conjugated Linoleic Acids from Plant Oils Using a Novel Synergistic Catalytic System. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 5322-5329	5.7	9
9	Optimizing catalytic pyrolysis of rubber seed oil for light aromatics and anti-deactivation of ZSM-5. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2017</b> , 126, 180-187	6	14
8	Study on aromatics production via the catalytic pyrolysis vapor upgrading of biomass using metal-loaded modified H-ZSM-5. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2017</b> , 126, 169-179	6	109
7	αAmylase and αGlucosidase Inhibitory Activities of Phenolic Extracts from Eucalyptus grandis Eucalyptus urophylla Bark. <i>Journal of Chemistry</i> , <b>2017</b> , 2017, 1-7	2.3	9
6	Polyphenols isolated from Acacia mearnsii bark with anti-inflammatory and carbolytic enzyme inhibitory activities. <i>Chinese Journal of Natural Medicines</i> , <b>2017</b> , 15, 816-824	2.8	14
5	Designability of Aromatic Interaction Networks at Bacterioferritin B-Type Channels. <i>Molecules</i> , <b>2017</b> , 22,	4.8	9
4	Phytochemical Characterization and Anti-inflammatory Properties of Acacia mearnsii Leaves. <i>Natural Product Communications</i> , <b>2016</b> , 11, 649-53	0.9	9
3	Mutagenesis study to disrupt electrostatic interactions on the twofold symmetry interface of Escherichia coli bacterioferritin. <i>Journal of Biochemistry</i> , <b>2015</b> , 158, 505-12	3.1	11
2	Tumor-penetrating peptide functionalization enhances the anti-glioblastoma effect of doxorubicin liposomes. <i>Nanotechnology</i> , <b>2013</b> , 24, 405101	3.4	46
1	Characterisation and biological activities of proanthocyanidins from the barks of Pinus massoniana and Acacia mearnsii. <i>Natural Product Research</i> , <b>2010</b> , 24, 590-8	2.3	10