

# Fei Huang

## List of Publications by Year in descending order

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52  
papers

2,017  
citations

331259

21  
h-index

243296

44  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2475  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of SARS-CoV-2 PLpro Inhibitors for COVID-19 Antiviral Therapy Leveraging Binding Cooperativity. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2940-2955.	2.9	102
2	3D-printed heterogeneous Cu <sub>2</sub> O monoliths: Reusable supports for antibiotic treatment of wastewater. <i>Journal of Hazardous Materials</i> , 2022, 436, 129170.	6.5	9
3	1-Methyl-1 <i>H</i> -pyrazole-5-carboxamide Derivatives Exhibit Unexpected Acute Mammalian Toxicity. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 840-844.	2.9	3
4	Brønsted acid-catalyzed homogeneous O <sup>18</sup> H and S <sup>18</sup> H insertion reactions under metal- and ligand-free conditions. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1233-1242.	2.3	22
5	Novel dual-mode antitumor chlorin-based derivatives as potent photosensitizers and histone deacetylase inhibitors for photodynamic therapy and chemotherapy. <i>European Journal of Medicinal Chemistry</i> , 2021, 217, 113363.	2.6	9
6	Palladium-Catalyzed Fluoroalkylation via C(sp <sup>3</sup> ) <sup>+</sup> S Bond Cleavage of Vinylsulfonium Salts. <i>Organic Letters</i> , 2021, 23, 6110-6114.	2.4	16
7	The behavior of surface acidity on photo-Fenton degradation of ciprofloxacin over sludge derived carbon: Performance and mechanism. <i>Journal of Colloid and Interface Science</i> , 2021, 597, 84-93.	5.0	18
8	Efficient degradation of sulfamethoxazole by catalytic wet peroxide oxidation with sludge-derived carbon as catalysts. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 870-877.	1.2	9
9	Turning Waste into Valuable Catalysts: Application of Surface-Modified Sewage Sludge in N <sup>H</sup> Insertion Reaction. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 4854-4863.	1.8	8
10	Metal-free C <sup>C</sup> , C <sup>O</sup> , C <sup>S</sup> and C <sup>N</sup> bond formation enabled by SBA-15 supported TFMSA. <i>Chemical Communications</i> , 2020, 56, 1243-1246.	2.2	28
11	Copper-catalyzed [4 + 2] annulation reaction of $\hat{I}^2$ -enaminones and aryl diazonium salts without external oxidant: synthesis of highly functionalized 3 <i>H</i> -1,2,4-triazines <i>via</i> homogeneous or heterogeneous strategy. <i>Organic Chemistry Frontiers</i> , 2020, 7, 457-463.	2.3	17
12	Copper-catalyzed carbene insertion and ester migration for the synthesis of polysubstituted pyrroles. <i>Chemical Communications</i> , 2020, 56, 11050-11053.	2.2	20
13	$I_{2\text{-Promoted}}$ [4 + 2] cycloaddition of <i>in situ</i> generated azoalkenes with enaminones: facile and efficient synthesis of 1,4-dihydropyridazines and pyridazines. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 9483-9493.	1.5	14
14	Copper(II)-Mediated Intramolecular Cyclopropanation of Ketene <i>N</i> , <i>X</i> -Acetals (X = S, O, N) under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2020, 85, 4373-4385.	1.7	8
15	Discovery of Acylsulfonohydrazide-Derived Inhibitors of the Lysine Acetyltransferase, KAT6A, as Potent Senescence-Inducing Anti-Cancer Agents. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4655-4684.	2.9	9
16	A Reusable CNT-Supported Single-Atom Iron Catalyst for the Highly Efficient Synthesis of C <sup>N</sup> Bonds. <i>Chemistry - A European Journal</i> , 2020, 26, 4592-4598.	1.7	16
17	Catalytic O <sup>H</sup> bond insertion reactions using surface modified sewage sludge as a catalyst. <i>Green Chemistry</i> , 2020, 22, 1594-1604.	4.6	18
18	Catalytic C <sup>C</sup> coupling of diazo compounds with arylboronic acids: using surface modified sewage sludge as catalyst. <i>Green Chemistry</i> , 2020, 22, 4165-4173.	4.6	5

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19	Discovery of Benzoylsulfonohydrazides as Potent Inhibitors of the Histone Acetyltransferase KAT6A. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 7146-7159.	2.9	21
20	Iminyl Radicals by Reductive Cleavage of N=O Bond in Oxime Ether Promoted by Sml <sub>2</sub> : A Straightforward Synthesis of Five-Membered Cyclic Imines. <i>Organic Letters</i> , 2019, 21, 7430-7434.	2.4	29
21	Ofloxacin degradation over Cu-Ce tyre carbon catalysts by the microwave assisted persulfate process. <i>Applied Catalysis B: Environmental</i> , 2019, 253, 149-159.	10.8	92
22	Novel 1-Methyl-1 <i>H</i> -pyrazole-5-carboxamide Derivatives with Potent Anthelmintic Activity. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3367-3380.	2.9	15
23	Determination and toxicity evaluation of the generated byproducts from sulfamethazine degradation during catalytic oxidation process. <i>Chemosphere</i> , 2019, 226, 103-109.	4.2	23
24	3,3-Disubstituted 5,5-Bi(1,2,4-triazine) Derivatives with Potent in Vitro and in Vivo Antimalarial Activity. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2485-2498.	2.9	16
25	Structure-Activity Relationship Studies of Tolfenpyrad Reveal Subnanomolar Inhibitors of <i>Haemonchus contortus</i> Development. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1036-1053.	2.9	17
26	Oxytetracycline degradation and toxicity evolution by catalytic oxidation process over sludge derived carbon. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102889.	3.3	13
27	Heterogeneous fenton-like degradation of ofloxacin over sludge derived carbon as catalysts: Mechanism and performance. <i>Science of the Total Environment</i> , 2019, 654, 942-947.	3.9	63
28	Microwave-Assisted Synthesis of $\alpha$ -Diazoesters. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 544.	0.6	7
29	Progress in N-H Insertion Reaction of $\alpha$ -Diazocarbonyl Compounds. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 3013.	0.6	5
30	Progress in the Synthesis of 1,2,4-Triazines by Tandem Cyclization. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 2713.	0.6	8
31	Amide Bond Formation Assisted by Vicinal Alkylthio Migration in Enaminones: Metal- and CO-Free Synthesis of $\alpha,\beta$ -Unsaturated Amides. <i>Journal of Organic Chemistry</i> , 2018, 83, 5731-5750.	1.7	23
32	Temperature influence and distribution of bio-oil from pyrolysis of granular sewage sludge. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 130, 36-42.	2.6	35
33	Optimization of Novel 1-Methyl-1 <i>H</i> -Pyrazole-5-carboxamides Leads to High Potency Larval Development Inhibitors of the Barber's Pole Worm. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10875-10894.	2.9	29
34	New KAT6 inhibitors induce senescence and arrest cancer growth. <i>Synthetic and Systems Biotechnology</i> , 2018, 3, 244-245.	1.8	7
35	PDA-Mediated Formal Olefinic C=C Bond Cleavage of $\alpha$ -Oxo-Ketene <i>N,N</i> -Acetals toward Substituted Oxazolines. <i>Chemistry - A European Journal</i> , 2018, 24, 14368-14372.	1.7	9
36	Surface modification of sludge-derived carbon by phosphoric acid as new electrocatalyst for degradation of acetophenone. <i>Environmental Science and Pollution Research</i> , 2018, 25, 25496-25503.	2.7	6

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37	Copper-promoted direct C-H alkoxylation of S,S-functionalized internal olefins with alcohols. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5535-5540.	1.5	25
38	Copper-Catalyzed Formal Carbene Migratory Insertion into Internal Olefinic C-C Bonds with N-Tosylhydrazones To Access Iminofuran and 2(3-H)-Furanone Derivatives. <i>Organic Letters</i> , 2017, 19, 3660-3663.	2.4	45
39	Tumor targeted nanostructured lipid carrier co-delivering paclitaxel and indocyanine green for laser triggered synergetic therapy of cancer. <i>RSC Advances</i> , 2017, 7, 35086-35095.	1.7	43
40	C-Alkylation of Ketones and Related Compounds by Alcohols: Transition-Metal-Catalyzed Dehydrogenation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 862-875.	7.2	379
41	Effect of magnesium substitution into Fe-based La-hexaaluminates on the activity for CH <sub>4</sub> catalytic combustion. <i>Catalysis Science and Technology</i> , 2016, 6, 7860-7867.	2.1	19
42	C-Alkylierung von Ketonen und verwandten Verbindungen durch Alkohole: Übergangsmetallkatalysierte Dehydrierung. <i>Angewandte Chemie</i> , 2016, 128, 872-885.	1.6	83
43	A two-step synthesis of Fe-substituted hexaaluminates with enhanced surface area and activity in methane catalytic combustion. <i>Catalysis Science and Technology</i> , 2016, 6, 4962-4969.	2.1	25
44	Brønsted acid-catalyzed phenylselenenylation of internal olefins. <i>Tetrahedron Letters</i> , 2015, 56, 2488-2491.	0.7	4
45	A Facile Peroxo-Precursor Synthesis Method and Structure Evolution of Large Specific Surface Area Mesoporous BaSnO <sub>3</sub> . <i>Inorganic Chemistry</i> , 2015, 54, 4002-4010.	1.9	36
46	Indole synthesis through transition metal-catalyzed C-H activation. <i>Tetrahedron Letters</i> , 2015, 56, 296-302.	0.7	149
47	Copper-Catalyzed Trifluoromethylation of Internal Olefinic C-H Bonds: Efficient Routes to Trifluoromethylated Tetrasubstituted Olefins and Heterocycles. <i>Chemistry - A European Journal</i> , 2014, 20, 3439-3445.	1.7	63
48	Palladium-catalyzed, copper-mediated construction of benzene rings from the reactions of indoles with in situ generated enones. <i>Organic Chemistry Frontiers</i> , 2014, 1, 707-711.	2.3	48
49	Copper-Mediated Intramolecular Oxidative C-H/C-H Cross-Coupling of $\alpha$ -Oxo Ketene N,S-Acetals for Indole Synthesis. <i>Journal of Organic Chemistry</i> , 2014, 79, 10553-10560.	1.7	54
50	Copper-mediated intramolecular oxidative C-H/N-H cross-coupling of $\alpha$ -alkenoyl ketene N,S-acetals to synthesize pyrrolone derivatives. <i>Chemical Communications</i> , 2014, 50, 12479-12481.	2.2	35
51	Copper(II)-Mediated Dehydrogenative Cross-Coupling of Heteroarenes. <i>Organic Letters</i> , 2012, 14, 3854-3857.	2.4	98
52	Lewis Acid-Catalyzed, Copper(II)-Mediated Synthesis of Heteroaryl Thioethers under Base-Free Conditions. <i>Journal of Organic Chemistry</i> , 2012, 77, 4414-4419.	1.7	162