Fengtao Zhou

List of Publications by Year
in descending order

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36 papers	1,889 citations	331670 21 h-index	345221 36 g-index
46 all docs	46 docs citations	46 times ranked	1853 citing authors

#	Article	IF	Citations
1	Discovery of the First Examples of Threonine Tyrosine Kinase PROTAC Degraders. Journal of Medicinal Chemistry, 2022, 65, 2313-2328.	6.4	8
2	Mechanically robust, self-healing superhydrophobic anti-icing coatings based on a novel fluorinated polyurethane synthesized by a two-step thiol click reaction. Chemical Engineering Journal, 2021, 404, 127110.	12.7	92
3	Magnetic porous N-doped carbon composites with adjusted composition and porous microstructure for lightweight microwave absorbers. Carbon, 2021, 173, 655-666.	10.3	118
4	Metal-Free Tandem Approach for Triazole-Fused Diazepinone Scaffolds via [3 + 2]Cycloaddition/Câ€“N Coupling Reaction. Journal of Organic Chemistry, 2021, 86, 207-222.	3.2	13
5	Synthesis of 1,2,3-Triazole-Fused Indole Derivatives via Copper-Catalyzed Cascade Reaction. Synthesis, 2021, 53, 2103-2113.	2.3	7
6	Metal-free tandem reactions of 2-iodoaryl ynones with sodium azide for the synthesis of benzoisoxazole containing 1,2,3-triazoles. Organic and Biomolecular Chemistry, 2021, 19, 3707-3716.	2.8	4
7	Transition metal-free approach to azafluoranthene scaffolds by aldol condensation/[1+2+3] annulation tandem reaction of isocyanoacetates with 8-(alkynyl)-1-naphthaldehydes. Chemical Communications, 2021, 57, 4855-4858.	4.1	10
8	Conductive Antibacterial Hemostatic Multifunctional Scaffolds Based on Ti₃C₂T_x MXene Nanosheets for Promoting Multidrug-Resistant Bacteria-Infected Wound Healing. ACS Nano, 2021, 15, 2468-2480.	14.6	189
9	Copper(<scp>i</scp>)-catalyzed asymmetric intramolecular C-arylation with ureas as the additives: highly enantioselective formation of spirooxindoles. Organic and Biomolecular Chemistry, 2021, 19, 7480-7484.	2.8	0
10	Preparation of multi-functional polyamide vitrimers via the Ugi four-component polymerization and oxime-promoted transcarbamoylation reaction. Polymer Chemistry, 2021, 12, 2009-2015.	3.9	12
11	Copper(<scp>i</scp>)â€“catalyzed intramolecular asymmetric C-arylation of acyclic Î²-ester amides: enantioselective formation of chiral oxindoles. Organic Chemistry Frontiers, 2021, 8, 4211-4216.	4.5	2
12	Preparation of carbon nanotube-vitrimer composites based on double dynamic covalent bonds: Electrical conductivity, reprocessability, degradability and photo-welding. Polymer, 2021, 235, 124280.	3.8	19
13	Metal-organic polymer coordination materials derived Co/N-doped porous carbon composites for frequency-selective microwave absorption. Composites Part B: Engineering, 2020, 202, 108406.	12.0	137
14	Core-shell Ni@C encapsulated by N-doped carbon derived from nickel-organic polymer coordination composites with enhanced microwave absorption. Carbon, 2020, 170, 503-516.	10.3	141
15	Biodegradable conductive multifunctional branched poly(glycerol-amino acid)-based scaffolds for tumor/infection-impaired skin multimodal therapy. Biomaterials, 2020, 262, 120300.	11.4	27
16	Vacancies-engineered and heteroatoms-regulated N-doped porous carbon aerogel for ultrahigh microwave absorption. Carbon, 2020, 169, 276-287.	10.3	148
17	Identification and Development of 1,4-Diaryl-1,2,3-triazolo-Based Ureas as Novel FLT3 Inhibitors. ACS Medicinal Chemistry Letters, 2020, 11, 1567-1572.	2.8	11
18	Copperâ€Mediated Diamination of Arylboronic Acids for the Synthesis of 2â€Aryl Benzimidazoles Using Trimethylsilyl Azide as the Amino Sources with Aldehydes. Advanced Synthesis and Catalysis, 2020, 362, 3442-3446.	4.3	8

#	Article	IF	Citations
19	Preparation of environmentally friendly bio-based vitrimers from vanillin derivatives by introducing two types of dynamic covalent C N and Sâ€“S bonds. Polymer, 2020, 197, 122483.	3.8	40
20	Design and preparation of a multi-fluorination organic superhydrophobic coating with high mechanical robustness and icing delay ability. Applied Surface Science, 2019, 497, 143663.	6.1	51
21	Effect of Ceria on redox-catalytic property in mild condition: A solvent-free route for imine synthesis at low temperature. Applied Catalysis B: Environmental, 2018, 227, 209-217.	20.2	69
22	Efficient synthesis of imine from alcohols and amines over different crystal structure MnOX catalysts. Molecular Catalysis, 2018, 459, 46-54.	2.0	24
23	Preparation of self-healing, recyclable epoxy resins and low-electrical resistance composites based on double-disulfide bond exchange. Composites Science and Technology, 2018, 167, 79-85.	7.8	146
24	A Powerful Chiral Phosphoric Acid Catalyst for Enantioselective Mukaiyamaâ€“Mannich Reactions. Angewandte Chemie - International Edition, 2016, 55, 8970-8974.	13.8	44
25	A Disulfonimide Catalyst for Highly Enantioselective Mukaiyamaâ€“Mannich Reaction. Organic Letters, 2016, 18, 4974-4977.	4.6	21
26	Transition Metal Catalyzed Asymmetric Aryl Carbonâ€“Heteroatom Bond Coupling Reactions. Synlett, 2016, 27, 664-675.	1.8	15
27	Recent advances in copper-catalyzed asymmetric coupling reactions. Beilstein Journal of Organic Chemistry, 2015, 11, 2600-2615.	2.2	33
28	Enantioselective Formation of Cyanoâ€Bearing Allâ€Carbon Quaternary Stereocenters: Desymmetrization by Copperâ€Catalyzed Nâ€Arylation. Angewandte Chemie - International Edition, 2014, 53, 9555-9559.	13.8	42
29	Development and Challenges in Copper-Catalyzed Asymmetric Ullmann-Type Coupling Reactions. Synlett, 2013, 24, 408-411.	1.8	3
30	Copper-Catalyzed Desymmetric Intramolecular Ullmann Câ€“N Coupling: An Enantioselective Preparation of Indolines. Journal of the American Chemical Society, 2012, 134, 14326-14329.	13.7	97
31	Synthesis of [1,2,3]Triazolo[1,5-a]quinoxalin-4(5H)-ones through Copper-Catalyzed Tandem Reactions of N-(2-Haloaryl)propiolamides with Sodium Azide. Organic Letters, 2012, 14, 1262-1265.	4.6	71
32	Copper-Catalyzed Tandem Reactions of 1-(2-Iodoary)-2-yn-1-ones with Isocyanides for the Synthesis of 4-Oxo-indeno[1,2-b]pyrroles. Organic Letters, 2011, 13, 340-343.	4.6	91
33	Copper-Catalyzed Tandem Reaction of Isocyanides with N-(2-Haloaryl)propiolamides for the Synthesis of Pyrrolo[3,2-c]quinolin-4-ones. Journal of Organic Chemistry, 2011, 76, 5346-5353.	3.2	56
34	Palladiumâ€Catalyzed Amidation of Nâ€Tosylhydrazones with Isocyanides. Chemistry - A European Journal, 2011, 17, 12268-12271.	3.3	103
35	Synthesis of 4-Oxoindeno[1,2-b]pyrroles through Copper-Catalyzed Tandem Reactions of 1-(2-Haloaryl)enones with Isocyanides. Synthesis, 2011, 2011, 3037-3044.	2.3	4
36	Atovaquone derivatives as potent cytotoxic and apoptosis inducing agents. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5091-5094.	2.2	21