

Di Wu

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,912
citations

279798

23
h-index

254184

43
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48
all docs

48
docs citations

48
times ranked

2694
citing authors

#	ARTICLE	IF	CITATIONS
1	An umpolung strategy for rapid access to thermally activated delayed fluorescence (TADF) materials based on phenazine. <i>Chemical Communications</i> , 2022, 58, 1581-1584.	4.1	6
2	Antitumor Activity of a Mitochondrial-Targeted HSP90 Inhibitor in Gliomas. <i>Clinical Cancer Research</i> , 2022, 28, 2180-2195.	7.0	12
3	Iridium(III)-Catalyzed Diarylation/Annulation of Benzoic Acids: Facile Access to Multi-Aryl Spirobifluorenes as Pure Hydrocarbon Hosts for High-Performance OLEDs. <i>Angewandte Chemie</i> , 2021, 133, 19000-19007.	2.0	9
4	Iridium(III)-Catalyzed Diarylation/Annulation of Benzoic Acids: Facile Access to Multi-Aryl Spirobifluorenes as Pure Hydrocarbon Hosts for High-Performance OLEDs. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18852-18859.	13.8	32
5	A Modified Nucleoside 6-Thio-2-Deoxyguanosine Exhibits Antitumor Activity in Gliomas. <i>Clinical Cancer Research</i> , 2021, 27, 6800-6814.	7.0	10
6	Regioselective addition/annulation of ferrocenyl thioamides with 1,3-diyne via a sulfur-transfer rearrangement to construct extended π -conjugated ferrocenes with luminescent properties. <i>Chemical Science</i> , 2020, 11, 11030-11036.	7.4	12
7	Double ortho-C-H Activation/Annulation of Benzamides with Aryl Alkynes: A Route to Double-Helical Polycyclic Heteroaromatics. <i>Journal of Organic Chemistry</i> , 2019, 84, 15697-15705.	3.2	18
8	Oxidative C-H/C-H Cross-Coupling of [1,2,4]Triazolo[1,5-a]pyrimidines with Indoles and Pyrroles: Discovering Excited-State Intramolecular Proton Transfer (ESIPT) Fluorophores. <i>Organic Letters</i> , 2019, 21, 4058-4062.	4.6	25
9	An unusual [4 + 2] fusion strategy to forge meso-N/O-heteroarene-fused (quinoidal) porphyrins with intense near-infrared Q-bands. <i>Chemical Science</i> , 2019, 10, 7274-7280.	7.4	20
10	Transient directing ligand- and solvent-controlled C-H/C-H cross-coupling/quaternization cyclization/dequaternization of benzaldehydes with thiophenes. <i>Chemical Communications</i> , 2019, 55, 7518-7521.	4.1	21
11	Silver-mediated direct C-H amination of BODIPYs for screening endoplasmic reticulum-targeting reagents. <i>Chemical Communications</i> , 2018, 54, 3219-3222.	4.1	33
12	Further validation of the Chinese (Mandarin) Tinnitus Handicap Inventory: comparison between patient-reported and clinician-interviewed outcomes. <i>International Journal of Audiology</i> , 2018, 57, 440-448.	1.7	4
13	Construction of 3,7-Dithienyl Phenothiazine-Based Organic Dyes via Multistep Direct C-H Arylation Reactions. <i>Journal of Organic Chemistry</i> , 2018, 83, 8114-8126.	3.2	14
14	Pd-Catalyzed Direct C-H Functionalization/Annulation of BODIPYs with Alkynes to Access Unsymmetrical Benzo[b]-Fused BODIPYs: Discovery of Lysosome-Targeted Turn-On Fluorescent Probes. <i>Journal of Organic Chemistry</i> , 2018, 83, 9538-9546.	3.2	38
15	Copper-promoted oxidative C-H/C-H cross-coupling for rapid access to aza-BODIPY-indole derivatives with broad optical absorption. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6888-6891.	2.8	6
16	Mixed Molybdenum Oxides with Superior Performances as an Advanced Anode Material for Lithium-Ion Batteries. <i>Scientific Reports</i> , 2017, 7, 44697.	3.3	52
17	Synthesis of Phenalenyl-Fused Perylene Cations: Divergent C-H Activation/Annulation Reaction Sequence of Naphthalene Aldehydes with Alkynes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13094-13098.	13.8	71
18	Synthesis of Phenalenyl-Fused Perylene Cations: Divergent C-H Activation/Annulation Reaction Sequence of Naphthalene Aldehydes with Alkynes. <i>Angewandte Chemie</i> , 2017, 129, 13274-13278.	2.0	14

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19	Rapid Access to 2,2-Bithiazole-Based Copolymers via Sequential Palladium-Catalyzed C-H/C-X and C-H/C-H Coupling Reactions. <i>Macromolecular Rapid Communications</i> , 2016, 37, 794-798.	3.9	23
20	Molecular Engineering of Mechanochromic Materials by Programmed C-H Arylation: Making a Counterpoint in the Chromism Trend. <i>Journal of the American Chemical Society</i> , 2016, 138, 12803-12812.	13.7	195
21	Solvent-free synthesis of crystalline mesoporous Fe_2O_3 as an anode material in lithium-ion batteries. <i>RSC Advances</i> , 2016, 6, 57009-57012.	3.6	10
22	Porphyrins with intense absorptivity: highly efficient sensitizers with a photovoltaic efficiency of up to 10.7% without a cosensitizer and a coabsorbate. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11829-11834.	10.3	56
23	Identification of different tin species in SnO ₂ nanosheets with ¹¹⁹ Sn solid-state NMR spectroscopy. <i>Chemical Physics Letters</i> , 2016, 643, 126-130.	2.6	15
24	Unparalleled Ease of Access to a Library of Biheteroaryl Fluorophores via Oxidative Cross-Coupling Reactions: Discovery of Photostable NIR Probe for Mitochondria. <i>Journal of the American Chemical Society</i> , 2016, 138, 4730-4738.	13.7	181
25	Rhodium(III)-Catalyzed <i>ortho</i> -Heteroarylation of Phenols through Internal Oxidative C-H Activation: Rapid Screening of Single-Molecular White-Light-Emitting Materials. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14008-14012.	13.8	133
26	Rhodium(III)-Catalyzed <i>ortho</i> -C-H Heteroarylation of (Hetero)aromatic Carboxylic Acids: A Rapid and Concise Access to Conjugated Polyheterocycles. <i>Angewandte Chemie</i> , 2015, 127, 7273-7276.	2.0	32
27	Rh-catalysed direct cyclisation of 1,4-naphthoquinone and 9,10-phenanthraquinone with alkyne: facile access to 1,8-dioxapyrenes and 1,12-dioxaperylenes as orange and red-emitting luminophores. <i>Chemical Communications</i> , 2015, 51, 6337-6339.	4.1	28
28	Molecular design of new organic sensitizers based on thieno[1,4]benzothiazine for dye-sensitized solar cells. <i>RSC Advances</i> , 2015, 5, 56865-56871.	3.6	6
29	Rhodium(III)-Catalyzed <i>ortho</i> -C-H Heteroarylation of (Hetero)aromatic Carboxylic Acids: A Rapid and Concise Access to Conjugated Polyheterocycles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7167-7170.	13.8	122
30	Synthesis and investigation of donor-acceptor porphyrin-acceptor triads with long-lived photo-induced charge-separate states. <i>Chemical Science</i> , 2015, 6, 6468-6481.	7.4	24
31	Novel Ruthenium Sensitizers with a Phenothiazine Conjugated Bipyridyl Ligand for High-Efficiency Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27831-27837.	8.0	45
32	Luminescent Materials: Cation-Anion Interaction-Directed Molecular Design Strategy for Mechanochromic Luminescence (Adv. Funct. Mater. 6/2014). <i>Advanced Functional Materials</i> , 2014, 24, 876-876.	14.9	0
33	Cation-Anion Interaction-Directed Molecular Design Strategy for Mechanochromic Luminescence. <i>Advanced Functional Materials</i> , 2014, 24, 747-753.	14.9	68
34	Regioselective Decarboxylative Direct C-H Arylation of Boron Dipyrromethenes (BODIPYs) at 2,6-Positions: A Facile Access to a Diversity-Oriented BODIPY Library. <i>Organic Letters</i> , 2014, 16, 6080-6083.	4.6	80
35	Use of the Wilkinson Catalyst for the <i>ortho</i> -C-H Heteroarylation of Aromatic Amines: Facile Access to Highly Extended Conjugated Heteroacenes for Organic Semiconductors. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12158-12162.	13.8	85
36	Modular Establishment of a Diketopyrrolopyrrole-Based Polymer Library via Pd-Catalyzed Direct C-H (Hetero)arylation: a Highly Efficient Approach to Discover Low-Bandgap Polymers. <i>Macromolecular Rapid Communications</i> , 2013, 34, 522-527.	3.9	73

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37	Regiospecific N-Heteroarylation of Amidines for Full-Color-Tunable Boron Difluoride Dyes with Mechanochromic Luminescence. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13676-13680.	13.8	88
38	Synthesis and Properties of Fused-Ring-Expanded Porphyrins that were Core-Modified with Group...16 Heteroatoms. <i>Chemistry - A European Journal</i> , 2012, 18, 16844-16867.	3.3	35
39	Synthesis of phenazines by Cu-catalyzed homocoupling of 2-halogen anilines in water. <i>Journal of Organometallic Chemistry</i> , 2012, 705, 75-78.	1.8	29
40	Detection of Fe ³⁺ and Al ³⁺ by Test Paper. <i>Journal of Chemical Education</i> , 2012, 89, 559-560.	2.3	19
41	Water-soluble porphyrin-based logic gates. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 72-76.	0.8	2
42	An Electrically Heated Au Electrode for Electrochemical Detection in Microchip System. <i>Electroanalysis</i> , 2010, 22, 1217-1222.	2.9	9
43	A Core-Modified Rubyrin with <i>meso</i> -Aryl Substituents and Phenanthrene-Fused Pyrrole Rings: A Highly Conjugated Near-Infrared Dye and Hg ²⁺ Probe. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 193-197.	13.8	124
44	Rh(<i>iii</i>)-catalysed C-H/C-H cross-coupling of <i>S</i> -aryl sulfoximines with thiophenes: facile access to [1]benzothieno[3,2- <i>b</i>][1]benzothiophene (BTBT) and benzothiazines. <i>Chemical Communications</i> , 0, , .	4.1	2