Di Wu

List of Publications by Year in descending order

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44	1,912	279798	254184
papers	citations	23 h-index	43 g-index

48	48	48	2694
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular Engineering of Mechanochromic Materials by Programmed Câ€“H Arylation: Making a Counterpoint in the Chromism Trend. Journal of the American Chemical Society, 2016, 138, 12803-12812.	13.7	195
2	Unparalleled Ease of Access to a Library of Biheteroaryl Fluorophores via Oxidative Cross-Coupling Reactions: Discovery of Photostable NIR Probe for Mitochondria. Journal of the American Chemical Society, 2016, 138, 4730-4738.	13.7	181
3	Rhodium(III)â€Catalyzed orthoâ€Heteroarylation of Phenols through Internal Oxidative Cï¿½H Activation: Rapid Screening of Singleâ€Molecular Whiteâ€Lightâ€Emitting Materials. Angewandte Chemie - International Edition, 2015, 54, 14008-14012.	13.8	133
4	A Coreâ€Modified Rubyrin with mesoâ€Aryl Substituents and Phenanthreneâ€Fused Pyrrole Rings: A Highly Conjugated Nearâ€Infrared Dye and Hg²⁺ Probe. Angewandte Chemie - International Edition, 2008, 47, 193-197.	13.8	124
5	Rhodium(III)â€Catalyzed ortho Cï¿½H Heteroarylation of (Hetero)aromatic Carboxylic Acids: A Rapid and Concise Access to ï€â€Conjugated Polyâ€heterocycles. Angewandte Chemie - International Edition, 2015, 54, 7167-7170.	13.8	122
6	Regiospecific Nâ€Heteroarylation of Amidines for Fullâ€Colorâ€Tunable Boron Difluoride Dyes with Mechanochromic Luminescence. Angewandte Chemie - International Edition, 2013, 52, 13676-13680.	13.8	88
7	Use of the Wilkinson Catalyst for the orthoâ€Cï¿½H Heteroarylation of Aromatic Amines: Facile Access to Highly Extended ï€â€Conjugated Heteroacenes for Organic Semiconductors. Angewandte Chemie - International Edition, 2014, 53, 12158-12162.	13.8	85
8	Regioselective Decarboxylative Direct Câ€“H Arylation of Boron Dipyrromethenes (BODIPYs) at 2,6-Positions: A Facile Access to a Diversity-Oriented BODIPY Library. Organic Letters, 2014, 16, 6080-6083.	4.6	80
9	Modular Establishment of a Diketopyrrolopyrroleâ€Based Polymer Library via Pdâ€Catalyzed Direct Câ€“H (Hetero)arylation: a Highly Efficient Approach to Discover Lowâ€Bandgap Polymers. Macromolecular Rapid Communications, 2013, 34, 522-527.	3.9	73
10	Synthesis of Phenalenylâ€Fused Pyrylium Cations: Divergent Câˆ’H Activation/Annulation Reaction Sequence of Naphthalene Aldehydes with Alkynes. Angewandte Chemie - International Edition, 2017, 56, 13094-13098.	13.8	71
11	Cationâ€“Anion Interactionâ€Directed Molecular Design Strategy for Mechanochromic Luminescence. Advanced Functional Materials, 2014, 24, 747-753.	14.9	68
12	Porphyrins with intense absorptivity: highly efficient sensitizers with a photovoltaic efficiency of up to 10.7% without a cosensitizer and a coabsorbate. Journal of Materials Chemistry A, 2016, 4, 11829-11834.	10.3	56
13	Mixed Molybdenum Oxides with Superior Performances as an Advanced Anode Material for Lithium-Ion Batteries. Scientific Reports, 2017, 7, 44697.	3.3	52
14	Novel Ruthenium Sensitizers with a Phenothiazine Conjugated Bipyridyl Ligand for High-Efficiency Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2015, 7, 27831-27837.	8.0	45
15	Pd-Catalyzed Direct Câ€“H Functionalization/Annulation of BODIPYs with Alkynes to Access Unsymmetrical Benzo[b]-Fused BODIPYs: Discovery of Lysosome-Targeted Turn-On Fluorescent Probes. Journal of Organic Chemistry, 2018, 83, 9538-9546.	3.2	38
16	Synthesis and Properties of Fusedâ€Ringâ€Expanded Porphyrins that were Coreâ€Modified with Groupâ€…16 Heteroatoms. Chemistry - A European Journal, 2012, 18, 16844-16867.	3.3	35
17	Silver-mediated direct Câ€“H amination of BODIPYs for screening endoplasmic reticulum-targeting reagents. Chemical Communications, 2018, 54, 3219-3222.	4.1	33
18	Rhodium(III)â€Catalyzed ortho Cï¿½H Heteroarylation of (Hetero)aromatic Carboxylic Acids: A Rapid and Concise Access to ï€â€Conjugated Polyâ€heterocycles. Angewandte Chemie, 2015, 127, 7273-7276.	2.0	32

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19	Iridium(III)â€Catalyzed Diarylation/Annulation of Benzoic Acids: Facile Access to Multiâ€Aryl Spirobifluorenes as Pure Hydrocarbon Hosts for Highâ€Performance OLEDs. Angewandte Chemie - International Edition, 2021, 60, 18852-18859.	13.8	32
20	Synthesis of phenazines by Cu-catalyzed homocoupling of 2-halogen anilines in water. Journal of Organometallic Chemistry, 2012, 705, 75-78.	1.8	29
21	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. Chemical Communications, 2015, 51, 6337-6339.	4.1	28
22	Oxidative Câ€“H/Câ€“H Cross-Coupling of [1,2,4]Triazolo[1,5-a]pyrimidines with Indoles and Pyrroles: Discovering Excited-State Intramolecular Proton Transfer (ESIPT) Fluorophores. Organic Letters, 2019, 21, 4058-4062.	4.6	25
23	Synthesis and investigation of donorâ€“porphyrinâ€“acceptor triads with long-lived photo-induced charge-separate states. Chemical Science, 2015, 6, 6468-6481.	7.4	24
24	Rapid Access to 2,2â€²â€Bithiazoleâ€Based Copolymers via Sequential Palladiumâ€Catalyzed Câ€“H/Câ€“X and Câ€“H/Câ€“H Coupling Reactions. Macromolecular Rapid Communications, 2016, 37, 794-798.	3.9	23
25	Transient directing ligand- and solvent-controlled Câ€“H/Câ€“H cross-coupling/quaternization cyclization/dequaternization of benzaldehydes with thiophenes. Chemical Communications, 2019, 55, 7518-7521.	4.1	21
26	An unusual [4 + 2] fusion strategy to forge meso-N/O-heteroarene-fused (quinoidal) porphyrins with intense near-infrared Q-bands. Chemical Science, 2019, 10, 7274-7280.	7.4	20
27	Detection of Fe3+ and Al3+ by Test Paper. Journal of Chemical Education, 2012, 89, 559-560.	2.3	19
28	Double ortho-Câ€“H Activation/Annulation of Benzamides with Aryl Alkynes: A Route to Double-Helical Polycyclic Heteroaromatics. Journal of Organic Chemistry, 2019, 84, 15697-15705.	3.2	18
29	Identification of different tin species in SnO2 nanosheets with 119Sn solid-state NMR spectroscopy. Chemical Physics Letters, 2016, 643, 126-130.	2.6	15
30	Synthesis of Phenalenylâ€Fused Pyrylium Cations: Divergent Câ^'H Activation/Annulation Reaction Sequence of Naphthalene Aldehydes with Alkynes. Angewandte Chemie, 2017, 129, 13274-13278.	2.0	14
31	Construction of 3,7-Dithienyl Phenothiazine-Based Organic Dyes via Multistep Direct Câ€“H Arylation Reactions. Journal of Organic Chemistry, 2018, 83, 8114-8126.	3.2	14
32	Regioselective addition/annulation of ferrocenyl thioamides with 1,3-diynes via a sulfur-transfer rearrangement to construct extended Ï€-conjugated ferrocenes with luminescent properties. Chemical Science, 2020, 11, 11030-11036.	7.4	12
33	Antitumor Activity of a Mitochondrial-Targeted HSP90 Inhibitor in Gliomas. Clinical Cancer Research, 2022, 28, 2180-2195.	7.0	12
34	Solvent-free synthesis of crystalline mesoporous Î³-Fe₂O₃ as an anode material in lithium-ion batteries. RSC Advances, 2016, 6, 57009-57012.	3.6	10
35	A Modified Nucleoside 6-Thio-2â€²-Deoxyguanosine Exhibits Antitumor Activity in Gliomas. Clinical Cancer Research, 2021, 27, 6800-6814.	7.0	10
36	An Electrically Heated Au Electrode for Electrochemical Detection in Microchip System. Electroanalysis, 2010, 22, 1217-1222.	2.9	9

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37	Iridium(III)â€Catalyzed Diarylation/Annulation of Benzoic Acids: Facile Access to Multiâ€Aryl Spirobifluorenes as Pure Hydrocarbon Hosts for Highâ€Performance OLEDs. Angewandte Chemie, 2021, 133, 19000-19007.	2.0	9
38	Molecular design of new organic sensitizers based on thieno[1,4]benzothiazine for dye-sensitized solar cells. RSC Advances, 2015, 5, 56865-56871.	3.6	6
39	Copper(<scp>ii</scp>)-promoted oxidative Câ€“H/Câ€“H cross-coupling for rapid access to aza-BODIPY-indole derivatives with broad optical absorption. Organic and Biomolecular Chemistry, 2017, 15, 6888-6891.	2.8	6
40	An umpolung strategy for rapid access to thermally activated delayed fluorescence (TADF) materials based on phenazine. Chemical Communications, 2022, 58, 1581-1584.	4.1	6
41	Further validation of the Chinese (Mandarin) Tinnitus Handicap Inventory: comparison between patient-reported and clinician-interviewed outcomes. International Journal of Audiology, 2018, 57, 440-448.	1.7	4
42	Water-soluble porphyrin-based logic gates. Journal of Porphyrins and Phthalocyanines, 2012, 16, 72-76.	0.8	2
43	Rh(<scp>iii</scp>)-catalysed Câ€“H/Câ€“H cross-coupling of S-aryl sulfoximines with thiophenes: facile access to [1]benzothieno[3,2-b][1]benzothiophene (BTBT) and benzothiazines. Chemical Communications, 0, , .	4.1	2
44	Luminescent Materials: Cation-Anion Interaction-Directed Molecular Design Strategy for Mechanochromic Luminescence (Adv. Funct. Mater. 6/2014). Advanced Functional Materials, 2014, 24, 876-876.	14.9	0