

Xingwei Guo

List of Publications by Year in descending order

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25
papers

1,861
citations

394421

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docs citations

32
times ranked

2015
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-Soluble Tris(cyclometalated) Iridium(III) Complexes for Aqueous Electron and Energy Transfer Photochemistry. <i>Accounts of Chemical Research</i> , 2022, 55, 1290-1300.	15.6	26
2	Reductive Amination and Enantioselective Amine Synthesis by Photoredox Catalysis. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1288-1293.	2.4	22
3	Photo-triggered hydrogen atom transfer from an iridium hydride complex to unactivated olefins. <i>Chemical Science</i> , 2020, 11, 8582-8594.	7.4	16
4	Shortcuts for Electron Transfer through the Secondary Structure of Helical Oligo(1,2-Naphthylenes). <i>Chemistry - A European Journal</i> , 2019, 25, 16748-16754.	3.3	7
5	Unexpected Hydrated Electron Source for Preparative Visible-Light Driven Photoredox Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 2122-2127.	13.7	120
6	Electron Transfer across <i>o</i> -Phenylene Wires. <i>Journal of Physical Chemistry A</i> , 2019, 123, 96-102.	2.5	4
7	Reductive Amination by Photoredox Catalysis and Polarity-Matched Hydrogen Atom Transfer. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2469-2473.	13.8	86
8	Reduktive Aminierung durch Photoredoxkatalyse über polaritätsangepassten Wasserstoffatomtransfer. <i>Angewandte Chemie</i> , 2018, 130, 2494-2498.	2.0	27
9	Enantioselective synthesis of amines by combining photoredox and enzymatic catalysis in a cyclic reaction network. <i>Chemical Science</i> , 2018, 9, 5052-5056.	7.4	113
10	Mixed-Valent Molecular Triple Deckers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11688-11691.	13.8	9
11	Mixed-Valent Molecular Triple Deckers. <i>Angewandte Chemie</i> , 2018, 130, 11862-11865.	2.0	4
12	Charge Accumulation and Multi-Electron Photoredox Chemistry with a Sensitizer-Catalyst-Sensitizer Triad. <i>Chemistry - A European Journal</i> , 2018, 24, 14084-14087.	3.3	20
13	Electron Accumulation on Naphthalene Diimide Photosensitized by [Ru(2,2'-Bipyridine) ₃] ²⁺ . <i>Inorganic Chemistry</i> , 2017, 56, 2432-2439.	4.0	34
14	A Tris(diisocyanide)chromium(0) Complex Is a Luminescent Analog of Fe(2,2'-Bipyridine) ₃ ²⁺ . <i>Journal of the American Chemical Society</i> , 2017, 139, 985-992.	13.7	141
15	A Molybdenum(0) Isocyanide Analogue of Ru(2,2'-Bipyridine) ₃ ²⁺ : A Strong Reductant for Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11247-11250.	13.8	111
16	Quantification of the Ambident Electrophilicities of Halogen-Substituted Quinones. <i>Journal of the American Chemical Society</i> , 2014, 136, 11499-11512.	13.7	63
17	Mechanisms of Hydride Abstractions by Quinones. <i>Journal of the American Chemical Society</i> , 2014, 136, 13863-13873.	13.7	63
18	Manifestation of Polar Reaction Pathways of 2,3-Dichloro-5,6-dicyano- <i>p</i> -benzoquinone. <i>Journal of the American Chemical Society</i> , 2013, 135, 12377-12387.	13.7	53

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19	Iron-Catalyzed Oxidation of Tertiary Amines: Synthesis of β -1,3-Dicarbonyl Aldehydes by Three-Component C-C Couplings. <i>Organic Letters</i> , 2011, 13, 6272-6275.	4.6	82
20	Iron-Catalyzed <i>N</i> -Alkylation of Azoles via Oxidation of C-H Bond Adjacent to an Oxygen Atom. <i>Organic Letters</i> , 2010, 12, 1932-1935.	4.6	216
21	Iron-Catalyzed <i>ortho</i> -Selective Functionalization of Phenols: A Straightforward Strategy towards the 2-Hydroxyphenyl-1,2-dione Skeleton. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5787-5790.	2.4	28
22	One-Pot Synthesis of Symmetric and Unsymmetric 1,1-Bis-indolylmethanes via Tandem Iron-Catalyzed C-H Bond Oxidation and C=O Bond Cleavage. <i>Journal of Organic Chemistry</i> , 2009, 74, 8848-8851.	3.2	128
23	Iron-Catalyzed Selective Oxidation of <i>N</i> -Methyl Amines: Highly Efficient Synthesis of Methylene-Bridged bis-1,3-Dicarbonyl Compounds. <i>Organic Letters</i> , 2009, 11, 4176-4179.	4.6	141
24	Iron-Catalyzed Tandem Oxidative Coupling and Annulation: An Efficient Approach to Construct Polysubstituted Benzofurans. <i>Journal of the American Chemical Society</i> , 2009, 131, 17387-17393.	13.7	245
25	C-H Bond Oxidation Initiated Pummerer- and Knoevenagel-Type Reactions of Benzyl Sulfide and 1,3-Dicarbonyl Compounds. <i>Organic Letters</i> , 2008, 10, 803-805.	4.6	102