

Terry McCallum

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6240399/publications.pdf>

Version: 2024-02-01

23
papers

1,340
citations

361296

20
h-index

677027

22
g-index

30
all docs

30
docs citations

30
times ranked

1162
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct alkylation of heteroarenes with unactivated bromoalkanes using photoredox gold catalysis. <i>Chemical Science</i> , 2016, 7, 4754-4758.	3.7	174
2	Photoredox Transformations with Dimeric Gold Complexes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13342-13345.	7.2	171
3	Hydrogen Atom Transfer Reactions via Photoredox Catalyzed Chlorine Atom Generation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15664-15669.	7.2	144
4	Indole Functionalization via Photoredox Gold Catalysis. <i>Organic Letters</i> , 2015, 17, 2864-2866.	2.4	102
5	Recent Advances in Titanium Radical Redox Catalysis. <i>Journal of Organic Chemistry</i> , 2019, 84, 14369-14380.	1.7	90
6	The photochemical alkylation and reduction of heteroarenes. <i>Chemical Science</i> , 2017, 8, 7412-7418.	3.7	77
7	Bimetallic Radical Redox-Relay Catalysis for the Isomerization of Epoxides to Allylic Alcohols. <i>Journal of the American Chemical Society</i> , 2019, 141, 9548-9554.	6.6	74
8	Recent advances in mono and binuclear gold photoredox catalysis. <i>Catalysis Science and Technology</i> , 2018, 8, 6019-6028.	2.1	62
9	Polynuclear gold complexes in photoredox catalysis: understanding their reactivity through characterization and kinetic analysis. <i>Catalysis Science and Technology</i> , 2016, 6, 201-207.	2.1	51
10	Light-Mediated Deoxygenation of Alcohols with a Dimeric Gold Catalyst. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 81-85.	1.2	44
11	Homocoupling of Iodoarenes and Bromoalkanes Using Photoredox Gold Catalysis: A Light Enabled Au(III) Reductive Elimination. <i>Organic Letters</i> , 2016, 18, 4308-4311.	2.4	36
12	Transformations of Isonitriles with Bromoalkanes Using Photoredox Gold Catalysis. <i>Journal of Organic Chemistry</i> , 2018, 83, 10015-10024.	1.7	36
13	Persulfate-Enabled Direct C-H Alkylation of Heteroarenes with Unactivated Ethers. <i>Synlett</i> , 2016, 27, 1282-1286.	1.0	34
14	Harnessing Radical Chemistry via Electrochemical Transition Metal Catalysis. <i>IScience</i> , 2020, 23, 101796.	1.9	29
15	Hydrogen Atom Transfer Reactions via Photoredox Catalyzed Chlorine Atom Generation. <i>Angewandte Chemie</i> , 2018, 130, 15890-15895.	1.6	28
16	The Alkylation and Reduction of Heteroarenes with Alcohols Using Photoredox Catalyzed Hydrogen Atom Transfer via Chlorine Atom Generation. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1453-1458.	1.2	27
17	Photoredox meets gold Lewis acid catalysis in the alkylative semipinacol rearrangement: a photocatalyst with a dark side. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2092-2096.	2.3	26
18	Thieme Chemistry Journals Awardees – Where Are They Now? What’s Golden: Recent Advances in Organic Transformations Using Photoredox Gold Catalysis. <i>Synlett</i> , 2017, 28, 289-305.	1.0	24

#	ARTICLE	IF	CITATIONS
19	Light-Enabled Synthesis of Anhydrides and Amides. <i>Journal of Organic Chemistry</i> , 2015, 80, 2874-2878.	1.7	22
20	Formal Bromine Atom Transfer Radical Addition of Nonactivated Bromoalkanes Using Photoredox Gold Catalysis. <i>Organic Letters</i> , 2020, 22, 8401-8406.	2.4	20
21	Alternating current electrolysis: A photoredox catalysis mimic and beyond. <i>Green Synthesis and Catalysis</i> , 2022, 3, 4-10.	3.7	18
22	Frontispiz: Hydrogen Atom Transfer Reactions via Photoredox Catalyzed Chlorine Atom Generation. <i>Angewandte Chemie</i> , 2018, 130, .	1.6	0
23	Frontispiece: Hydrogen Atom Transfer Reactions via Photoredox Catalyzed Chlorine Atom Generation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, .	7.2	0