

Alicia Casitas

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,083
citations

566801

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20
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27
times ranked

2049
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-driven reduction of aromatic olefins in aqueous media catalysed by aminopyridine cobalt complexes. <i>Chemical Science</i> , 2022, 13, 4270-4282.	3.7	10
2	Synthesis of Fe ^{III} and Fe ^{IV} Cyanide Complexes Using Hypervalent Iodine Reagents as Cyano-Transfer and Electron Oxidants. <i>Angewandte Chemie - International Edition</i> , 2022, , .	7.2	6
3	Visible-Light Reductive Cyclization of Nonactivated Alkyl Chlorides. <i>Synlett</i> , 2019, 30, 1496-1507.	1.0	2
4	Reductive Cyclization of Unactivated Alkyl Chlorides with Tethered Alkenes under Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4869-4874.	7.2	63
5	Reductive Cyclization of Unactivated Alkyl Chlorides with Tethered Alkenes under Visible-Light Photoredox Catalysis. <i>Angewandte Chemie</i> , 2019, 131, 4923-4928.	1.6	11
6	Ligand Exchange on and Allylic C-H Activation by Iron(0) Fragments: π -Complexes, Allyliron Species, and Metallacycles. <i>Organometallics</i> , 2018, 37, 729-739.	1.1	26
7	Two Exceptional Homoleptic Iron(IV) Tetraalkyl Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10108-10113.	7.2	43
8	Two Exceptional Homoleptic Iron(IV) Tetraalkyl Complexes. <i>Angewandte Chemie</i> , 2017, 129, 10242-10247.	1.6	15
9	Dual cobalt-copper light-driven catalytic reduction of aldehydes and aromatic ketones in aqueous media. <i>Chemical Science</i> , 2017, 8, 4739-4749.	3.7	73
10	Elementary Steps of Iron Catalysis: Exploring the Links between Iron Alkyl and Iron Olefin Complexes for their Relevance in C-H Activation and C-C Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1521-1526.	7.2	65
11	Cu-Catalyzed Cascades to Carbocycles: Union of Diaryliodonium Salts with Alkenes or Alkynes Exploiting Remote Carbocations. <i>Journal of the American Chemical Society</i> , 2014, 136, 8851-8854.	6.6	149
12	The role of organometallic copper(III) complexes in homogeneous catalysis. <i>Chemical Science</i> , 2013, 4, 2301.	3.7	344
13	Aryl-O reductive elimination from reaction of well-defined aryl-Cu ^{III} species with phenolates: the importance of ligand reactivity. <i>Dalton Transactions</i> , 2011, 40, 8796.	1.6	30
14	Nucleophilic Aryl Fluorination and Aryl Halide Exchange Mediated by a Cu ^I /Cu ^{III} Catalytic Cycle. <i>Journal of the American Chemical Society</i> , 2011, 133, 19386-19392.	6.6	232
15	Observation and Mechanistic Study of Facile C-O Bond Formation between a Well-Defined Aryl-Copper(III) Complex and Oxygen Nucleophiles. <i>Chemistry - A European Journal</i> , 2011, 17, 10643-10650.	1.7	121
16	Copper-Catalyzed Aerobic Oxidative Functionalization of an Arene C-H Bond: Evidence for an Aryl-Copper(III) Intermediate. <i>Journal of the American Chemical Society</i> , 2010, 132, 12068-12073.	6.6	425
17	Direct observation of Cu ^I /Cu ^{III} redox steps relevant to Ullmann-type coupling reactions. <i>Chemical Science</i> , 2010, 1, 326.	3.7	246
18	Facile C-H Bond Cleavage via a Proton-Coupled Electron Transfer Involving a C-H...Cu ^{II} Interaction. <i>Journal of the American Chemical Society</i> , 2010, 132, 12299-12306.	6.6	131

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19	Molecular mechanism of acid-triggered arylâ€‘halide reductive elimination in well-defined arylâ€‘Cu ^{III} â€‘halide species. Dalton Transactions, 2010, 39, 10458.	1.6	41
20	CHAPTER 2. Mechanistic Understanding of Copperâ€‘Catalyzed Arylâ€‘Heteroatom Bond Formation: Dependence on Ancillary Ligands. RSC Catalysis Series, 0, , 46-71.	0.1	2
21	Synthesis of Fe ^{III} and Fe ^{IV} Cyanide Complexes Using Hypervalent Iodine Reagents as Cyanoâ€‘Transfer Oneâ€‘Electron Oxidants. Angewandte Chemie, 0, , .	1.6	0