

Matthew C Leech

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

471
citations

933410

10
h-index

940516

16
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all docs

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docs citations

20
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrosynthesis Using Carboxylic Acid Derivatives: New Tricks for Old Reactions. <i>Accounts of Chemical Research</i> , 2020, 53, 121-134.	15.6	109
2	Organic electrosynthesis: from academia to industry. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 977-990.	3.7	97
3	A practical guide to electrosynthesis. <i>Nature Reviews Chemistry</i> , 2022, 6, 275-286.	30.2	80
4	Economical, Green, and Safe Route Towards Substituted Lactones by Anodic Generation of Oxy carbonyl Radicals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16115-16118.	13.8	31
5	Synthesis and electronic structure of the first cyaphide-alkynyl complexes. <i>Dalton Transactions</i> , 2014, 43, 9004-9007.	3.3	26
6	Shedding light on the use of Cu(κ^2 salen) complexes in the A^{3+} coupling reaction. <i>Dalton Transactions</i> , 2020, 49, 289-299.	3.3	20
7	Anodic Oxidation of Dithiane Carboxylic Acids: A Rapid and Mild Way to Access Functionalized Orthoesters. <i>Organic Letters</i> , 2020, 22, 4000-4005.	4.6	17
8	Structural and Electronic Control of the Bidentate κ^2 (2-pyridyl)benzotriazole Ligand in Copper Chemistry with Application to Catalysis in the A^{3+} Coupling Reaction. <i>Chemistry - A European Journal</i> , 2021, 27, 4394-4400.	3.3	16
9	Through-conjugation of two phosphalkyne (κ^2 CiPac TM) moieties mediated by a bimetallic scaffold. <i>Dalton Transactions</i> , 2018, 47, 4428-4432.	3.3	13
10	Supporting-Electrolyte-Free Anodic Oxidation of Oxamic Acids into Isocyanates: An Expedient Way to Access Ureas, Carbamates, and Thiocarbamates. <i>Organic Process Research and Development</i> , 2021, 25, 2614-2621.	2.7	13
11	Room-Temperature Cu(II) Radical-Triggered Alkyne C-H Activation. <i>Jacs Au</i> , 2021, 1, 1937-1948.	7.9	11
12	Electrosynthesis of Stabilized Diazo Compounds from Hydrazones. <i>Organic Letters</i> , 2022, 24, 4665-4669.	4.6	11
13	Cyaphide-alkynyl complexes: metal-ligand conjugation and the influence of remote substituents. <i>Dalton Transactions</i> , 2019, 48, 8131-8143.	3.3	10
14	Anodic Oxidation of Aminotetrazoles: A Mild and Safe Route to Isocyanides. <i>Organic Letters</i> , 2021, 23, 9371-9375.	4.6	8
15	Reactions of N-heterocyclic Carbene-Based Chalcogenoureas with Halogens: A Diverse Range of Outcomes. <i>Dalton Transactions</i> , 2022, , .	3.3	5
16	Economical, Green, and Safe Route Towards Substituted Lactones by Anodic Generation of Oxy carbonyl Radicals. <i>Angewandte Chemie</i> , 2019, 131, 16261-16264.	2.0	3
17	14 Electrochemistry in Natural Product Synthesis. , 2022, , .		0