

Katie J Lamb

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

828
citations

840119

11
h-index

839053

18
g-index

20
all docs

20
docs citations

20
times ranked

846
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in organocatalysed transformations of epoxides and carbon dioxide into cyclic carbonates. <i>Green Chemistry</i> , 2021, 23, 77-118.	4.6	284
2	Cr(salophen) Complex Catalyzed Cyclic Carbonate Synthesis at Ambient Temperature And Pressure. <i>ACS Catalysis</i> , 2016, 6, 5012-5025.	5.5	261
3	“Making Every Second Count” Utilizing TikTok and Systems Thinking to Facilitate Scientific Public Engagement and Contextualization of Chemistry at Home. <i>Journal of Chemical Education</i> , 2020, 97, 3858-3866.	1.1	56
4	Influence of Mesoporous Silica Properties on Cyclic Carbonate Synthesis Catalysed by Supported Aluminium(Salen) Complexes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 345-354.	2.1	50
5	Heterogeneous catalysts for cyclic carbonate synthesis from carbon dioxide and epoxides. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020, 26, 100365.	3.2	48
6	Evaluating the Viability of Successive Ring Expansions Based on Amino Acid and Hydroxyacid Side Chain Insertion. <i>Chemistry - A European Journal</i> , 2020, 26, 12674-12683.	1.7	23
7	Spectroscopic characterization and thermal behavior of baru nut and macaw palm vegetable oils and their epoxidized derivatives. <i>Industrial Crops and Products</i> , 2020, 154, 112585.	2.5	19
8	Opportunities for the Use of Brazilian Biomass to Produce Renewable Chemicals and Materials. <i>ChemSusChem</i> , 2021, 14, 169-188.	3.6	17
9	Valorization of Carbon Dioxide into Oxazolidinones by Reaction with Aziridines. <i>Current Green Chemistry</i> , 2019, 6, 32-43.	0.7	16
10	Capacitance-Assisted Sustainable Electrochemical Carbon Dioxide Mineralisation. <i>ChemSusChem</i> , 2018, 11, 137-148.	3.6	15
11	Structural analysis of five-coordinate aluminium(salen) complexes and its relationship to their catalytic activity. <i>Dalton Transactions</i> , 2021, 50, 587-598.	1.6	14
12	CO ₂ reduction reactions: general discussion. <i>Faraday Discussions</i> , 2015, 183, 261-290.	1.6	6
13	A new acrylated monomer from macaw vegetable oil that polymerizes without external photoinitiators. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	6
14	Unprecedented reductive cyclisation of salophen ligands to tetrahydroquinoxalines during metal complex formation. <i>Chemical Communications</i> , 2020, 56, 4844-4847.	2.2	5
15	Wider Impacts: general discussion. <i>Faraday Discussions</i> , 2015, 183, 349-368.	1.6	3
16	Effect of metal oxide fillers in urethane dimethacrylate polymer with glycerol obtained by photopolymerization synthesis. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	2
17	Atom efficiency in small molecule and macromolecule synthesis: general discussion. <i>Faraday Discussions</i> , 2015, 183, 97-123.	1.6	1
18	Capture agents, conversion mechanisms, biotransformations and biomimetics: general discussion. <i>Faraday Discussions</i> , 2015, 183, 463-487.	1.6	1

#	ARTICLE	IF	CITATIONS
19	15. Catalysts for the conversion of CO ₂ to cyclic and polycarbonates. , 2019, , 283-302.		1