Jessica R Lamb

List of Publications by Year
in descending order

17 papers	487 citations	687220 13 h-index	887953 17 g-index
19 all docs	19 docs citations	19 times ranked	687 citing authors

#	Article	IF	Citations
1	Endohedrally Functionalized Metalâ€“Organic Cage-Cross-Linked Polymer Gels as Modular Heterogeneous Catalysts. Journal of the American Chemical Society, 2022, 144, 13276-13284.	6.6	24
2	N-Heterocyclic carbeneâ€“carbodiimide (NHCâ€“CDI) betaine adducts: synthesis, characterization, properties, and applications. Chemical Science, 2021, 12, 2699-2715.	3.7	8
3	Catalyst-Controlled Regioselective Carbonylation of Isobutylene Oxide to Pivalolactone. ACS Catalysis, 2020, 10, 12537-12543.	5.5	8
4	Organic Chemistry: A Retrosynthetic Approach to a Diverse Field. ACS Central Science, 2020, 6, 1845-1850.	5.3	18
5	Carbonylative, Catalytic Deoxygenation of 2,3-Disubstituted Epoxides with Inversion of Stereochemistry: An Alternative Alkene Isomerization Method. Journal of the American Chemical Society, 2020, 142, 8029-8035.	6.6	19
6	Molecular Design of Stable Sulfamide- and Sulfonamide-Based Electrolytes for Aprotic Li-O2 Batteries. CheM, 2019, 5, 2630-2641.	5.8	53
7	Regioselective Carbonylation of 2,2-Disubstituted Epoxides: An Alternative Route to Ketone-Based Aldol Products. Journal of the American Chemical Society, 2019, 141, 2474-2480.	6.6	32
8	Visible-light-mediated, additive-free, and open-to-air controlled radical polymerization of acrylates and acrylamides. Polymer Chemistry, 2019, 10, 1585-1590.	1.9	42
9	Nucleophilic ring opening of trans-2,3-disubstituted epoxides to Î²-amino alcohols with catalyst-controlled regioselectivity. Chemical Communications, 2018, 54, 12998-13001.	2.2	25
10	Understanding the Insertion Pathways and Chain Walking Mechanisms of Î±-Diimine Nickel Catalysts for Î±-Olefin Polymerization: A ¹³C NMR Spectroscopic Investigation. Macromolecules, 2017, 50, 7010-7027.	2.2	57
11	Carbonylation of Ethylene Oxide to Î²-Propiolactone: A Facile Route to Poly(3-hydroxypropionate) and Acrylic Acid. ACS Catalysis, 2016, 6, 8219-8223.	5.5	40
12	Meinwald-type rearrangement of monosubstituted epoxides to methyl ketones using an [Al porphyrin]⁺[Co(CO)₄]^{â^’}catalyst. Organic Chemistry Frontiers, 2015, 2, 346-349.	2.3	43
13	Regioselective Isomerization of 2,3-Disubstituted Epoxides to Ketones: An Alternative to the Wacker Oxidation of Internal Alkenes. Journal of the American Chemical Society, 2015, 137, 15049-15054.	6.6	48
14	Carbonylative enantioselective meso-desymmetrization of cis-epoxides to trans-Î²-lactones: effect of salen-ligand electronic variation on enantioselectivity. Chemical Communications, 2014, 50, 9842.	2.2	32
15	Transcyclopalladation on silica gel. Polyhedron, 2013, 53, 202-207.	1.0	5
16	Solvent-free direct cyclopalladation of sulfides on silica gel. Inorganic Chemistry Communication, 2012, 26, 64-65.	1.8	5
17	Novel Synthesis of Stable Polypyrrole Nanospheres Using Ozone. Langmuir, 2011, 27, 13719-13728.	1.6	28