

Caroline B Hoyt

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

472
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-based polymers with performance-advantaged properties. <i>Nature Reviews Materials</i> , 2022, 7, 83-103.	48.7	268
2	Bioconversion of wastewater-derived cresols to methyl muconic acids for use in performance-advantaged bioproducts. <i>Green Chemistry</i> , 2022, 24, 3677-3688.	9.0	4
3	Metabolism of syringyl lignin-derived compounds in <i>Pseudomonas putida</i> enables convergent production of 2-pyrone-4,6-dicarboxylic acid. <i>Metabolic Engineering</i> , 2021, 65, 111-122.	7.0	48
4	Silica supported poly(propylene guanidine) as a CO ₂ sorbent in simulated flue gas and direct air capture. <i>Adsorption</i> , 2020, 26, 89-101.	3.0	16
5	Reversible Photoswitching in Poly(2-oxazoline) Nanoreactors. <i>Chemistry - A European Journal</i> , 2020, 26, 11776-11781.	3.3	7
6	Hydroboration of substituted alkynes using a solid polymeric carboxylic acid catalyst. <i>Journal of Catalysis</i> , 2019, 369, 493-500.	6.2	11
7	An Immobilized Rhodium Hollow Fiber Flow Reactor for Scalable and Sustainable C-H Functionalization in Continuous Flow. <i>Angewandte Chemie</i> , 2018, 130, 11089-11093.	2.0	14
8	An Immobilized Rhodium Hollow Fiber Flow Reactor for Scalable and Sustainable C-H Functionalization in Continuous Flow. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10923-10927.	13.8	52
9	Selective C ³ -H Monoarylation Catalyzed by a Covalently Cross-Linked Reverse Micelle-Supported Palladium Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3611-3617.	4.3	4
10	Bifunctional Polymer Architectures for Cooperative Catalysis: Tunable Acid-Base Polymers for Aldol Condensation. <i>ChemCatChem</i> , 2017, 9, 137-143.	3.7	22
11	Probing the Role of Zr Addition versus Textural Properties in Enhancement of CO ₂ Adsorption Performance in Silica/PEI Composite Sorbents. <i>Langmuir</i> , 2015, 31, 9356-9365.	3.5	26