

Coralie Jehanno

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8703377/publications.pdf>

Version: 2024-02-01

20
papers

1,606
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1035
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical advances and future opportunities in upcycling commodity polymers. <i>Nature</i> , 2022, 603, 803-814.	27.8	404
2	From plastic waste to new materials for energy storage. <i>Polymer Chemistry</i> , 2022, 13, 4222-4229.	3.9	6
3	Sustainable Green Polymerizations and End-of-Life Treatment of Polymers. <i>Macromolecular Rapid Communications</i> , 2022, 43, .	3.9	2
4	Selective Chemical Upcycling of Mixed Plastics Guided by a Thermally Stable Organocatalyst. <i>Angewandte Chemie</i> , 2021, 133, 6784-6791.	2.0	20
5	Selective Chemical Upcycling of Mixed Plastics Guided by a Thermally Stable Organocatalyst. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6710-6717.	13.8	118
6	Stereoretention in the Bulk ROP of ϵ -Lactide Guided by a Thermally Stable Organocatalyst. <i>Macromolecules</i> , 2021, 54, 6214-6225.	4.8	17
7	From Lab to Market: Current Strategies for the Production of Biobased Polyols. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10664-10677.	6.7	90
8	Sustainable Materials and Chemical Processes for Additive Manufacturing. <i>Chemistry of Materials</i> , 2020, 32, 7105-7119.	6.7	101
9	Aminolytic upcycling of poly(ethylene terephthalate) wastes using a thermally-stable organocatalyst. <i>Polymer Chemistry</i> , 2020, 11, 4875-4882.	3.9	55
10	Synthesis of Functionalized Cyclic Carbonates through Commodity Polymer Upcycling. <i>ACS Macro Letters</i> , 2020, 9, 443-447.	4.8	69
11	From plastic waste to polymer electrolytes for batteries through chemical upcycling of polycarbonate. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13921-13926.	10.3	60
12	Selective Organocatalytic Preparation of Trimethylene Carbonate from Oxetane and Carbon Dioxide. <i>ACS Catalysis</i> , 2020, 10, 5399-5404.	11.2	31
13	Dual Organocatalysts Based on Ionic Mixtures of Acids and Bases: A Step Toward High Temperature Polymerizations. <i>ACS Macro Letters</i> , 2019, 8, 1055-1062.	4.8	44
14	Dynamic polymer network points the way to truly recyclable plastics. <i>Nature</i> , 2019, 568, 467-468.	27.8	47
15	Polyether Synthesis by Bulk Self-Condensation of Diols Catalyzed by Non-Eutectic Acid-Base Organocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 4103-4111.	6.7	37
16	Organocatalysis for depolymerisation. <i>Polymer Chemistry</i> , 2019, 10, 172-186.	3.9	207
17	Rational Study of DBU Salts for the CO_2 Insertion into Epoxides for the Synthesis of Cyclic Carbonates. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10633-10640.	6.7	68
18	Benzoic Acid as an Efficient Organocatalyst for the Statistical Ring-Opening Copolymerization of μ -Caprolactone and ϵ -Lactide: A Computational Investigation. <i>Macromolecules</i> , 2019, 52, 9238-9247.	4.8	22

#	ARTICLE	IF	CITATIONS
19	Organocatalysed depolymerisation of PET in a fully sustainable cycle using thermally stable protic ionic salt. <i>Green Chemistry</i> , 2018, 20, 1205-1212.	9.0	182
20	Polyurethane based organic macromolecular contrast agents (PU-ORCAs) for magnetic resonance imaging. <i>Polymer Chemistry</i> , 2017, 8, 2693-2701.	3.9	26