

# Coralie Jehanno

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

558  
citations

15  
h-index

20  
g-index

20  
ext. papers

996  
ext. citations

11.6  
avg, IF

4.59  
L-index

#	Paper	IF	Citations
17	Critical advances and future opportunities in upcycling commodity polymers.. <i>Nature</i> , <b>2022</b> , 603, 803-814	50.4	30
16	Stereoretention in the Bulk ROP of L-Lactide Guided by a Thermally Stable Organocatalyst. <i>Macromolecules</i> , <b>2021</b> , 54, 6214-6225	5.5	5
15	Selective Chemical Upcycling of Mixed Plastics Guided by a Thermally Stable Organocatalyst. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 6784-6791	3.6	4
14	Selective Chemical Upcycling of Mixed Plastics Guided by a Thermally Stable Organocatalyst. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 6710-6717	16.4	23
13	From Lab to Market: Current Strategies for the Production of Biobased Polyols. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 10664-10677	8.3	18
12	Aminolytic upcycling of poly(ethylene terephthalate) wastes using a thermally-stable organocatalyst. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 4875-4882	4.9	20
11	Synthesis of Functionalized Cyclic Carbonates through Commodity Polymer Upcycling. <i>ACS Macro Letters</i> , <b>2020</b> , 9, 443-447	6.6	26
10	From plastic waste to polymer electrolytes for batteries through chemical upcycling of polycarbonate. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 13921-13926	13	23
9	Sustainable Materials and Chemical Processes for Additive Manufacturing. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 7105-7119	9.6	45
8	Selective Organocatalytic Preparation of Trimethylene Carbonate from Oxetane and Carbon Dioxide. <i>ACS Catalysis</i> , <b>2020</b> , 10, 5399-5404	13.1	17
7	Polyether Synthesis by Bulk Self-Condensation of Diols Catalyzed by Non-Eutectic Acid-Base Organocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 4103-4111	8.3	22
6	Organocatalysis for depolymerisation. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 172-186	4.9	108
5	Rational Study of DBU Salts for the CO <sub>2</sub> Insertion into Epoxides for the Synthesis of Cyclic Carbonates. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 10633-10640	8.3	40
4	Dual Organocatalysts Based on Ionic Mixtures of Acids and Bases: A Step Toward High Temperature Polymerizations. <i>ACS Macro Letters</i> , <b>2019</b> , 8, 1055-1062	6.6	20
3	Benzoic Acid as an Efficient Organocatalyst for the Statistical Ring-Opening Copolymerization of ε-Caprolactone and L-Lactide: A Computational Investigation. <i>Macromolecules</i> , <b>2019</b> , 52, 9238-9247	5.5	13
2	Organocatalysed depolymerisation of PET in a fully sustainable cycle using thermally stable protic ionic salt. <i>Green Chemistry</i> , <b>2018</b> , 20, 1205-1212	10	87
1	Polyurethane based organic macromolecular contrast agents (PU-ORCAs) for magnetic resonance imaging. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 2693-2701	4.9	25

