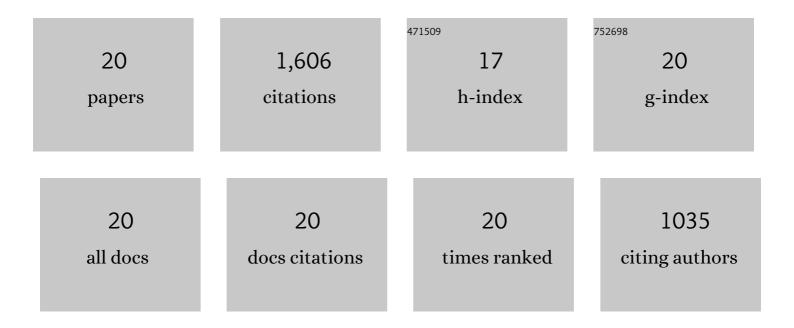
Coralie Jehanno

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Critical advances and future opportunities in upcycling commodity polymers. Nature, 2022, 603, 803-814.	27.8	404
2	Organocatalysis for depolymerisation. Polymer Chemistry, 2019, 10, 172-186.	3.9	207
3	Organocatalysed depolymerisation of PET in a fully sustainable cycle using thermally stable protic ionic salt. Green Chemistry, 2018, 20, 1205-1212.	9.0	182
4	Selective Chemical Upcycling of Mixed Plastics Guided by a Thermally Stable Organocatalyst. Angewandte Chemie - International Edition, 2021, 60, 6710-6717.	13.8	118
5	Sustainable Materials and Chemical Processes for Additive Manufacturing. Chemistry of Materials, 2020, 32, 7105-7119.	6.7	101
6	From Lab to Market: Current Strategies for the Production of Biobased Polyols. ACS Sustainable Chemistry and Engineering, 2021, 9, 10664-10677.	6.7	90
7	Synthesis of Functionalized Cyclic Carbonates through Commodity Polymer Upcycling. ACS Macro Letters, 2020, 9, 443-447.	4.8	69
8	Rational Study of DBU Salts for the CO ₂ Insertion into Epoxides for the Synthesis of Cyclic Carbonates. ACS Sustainable Chemistry and Engineering, 2019, 7, 10633-10640.	6.7	68
9	From plastic waste to polymer electrolytes for batteries through chemical upcycling of polycarbonate. Journal of Materials Chemistry A, 2020, 8, 13921-13926.	10.3	60
10	Aminolytic upcycling of poly(ethylene terephthalate) wastes using a thermally-stable organocatalyst. Polymer Chemistry, 2020, 11, 4875-4882.	3.9	55
11	Dynamic polymer network points the way to truly recyclable plastics. Nature, 2019, 568, 467-468.	27.8	47
12	Dual Organocatalysts Based on Ionic Mixtures of Acids and Bases: A Step Toward High Temperature Polymerizations. ACS Macro Letters, 2019, 8, 1055-1062.	4.8	44
13	Polyether Synthesis by Bulk Self-Condensation of Diols Catalyzed by Non-Eutectic Acid–Base Organocatalysts. ACS Sustainable Chemistry and Engineering, 2019, 7, 4103-4111.	6.7	37
14	Selective Organocatalytic Preparation of Trimethylene Carbonate from Oxetane and Carbon Dioxide. ACS Catalysis, 2020, 10, 5399-5404.	11.2	31
15	Polyurethane based organic macromolecular contrast agents (PU-ORCAs) for magnetic resonance imaging. Polymer Chemistry, 2017, 8, 2693-2701.	3.9	26
16	Benzoic Acid as an Efficient Organocatalyst for the Statistical Ring-Opening Copolymerization of Îμ-Caprolactone and <scp>L</scp> -Lactide: A Computational Investigation. Macromolecules, 2019, 52, 9238-9247.	4.8	22
17	Selective Chemical Upcycling of Mixed Plastics Guided by a Thermally Stable Organocatalyst. Angewandte Chemie, 2021, 133, 6784-6791.	2.0	20
18	Stereoretention in the Bulk ROP of <scp>l</scp> -Lactide Guided by a Thermally Stable Organocatalyst. Macromolecules, 2021, 54, 6214-6225.	4.8	17

#	Article	IF	CITATIONS
19	From plastic waste to new materials for energy storage. Polymer Chemistry, 2022, 13, 4222-4229.	3.9	6
20	Sustainable Green Polymerizations and Endâ€ofâ€Life Treatment of Polymers. Macromolecular Rapid Communications, 2022, 43, .	3.9	2