

# Robin M Cywar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2807469/publications.pdf>

Version: 2024-02-01

11  
papers

713  
citations

933447

10  
h-index

1372567

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g-index

12  
all docs

12  
docs citations

12  
times ranked

768  
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	Renewable acrylonitrile production. <i>Science</i> , 2017, 358, 1307-1310.	12.6	122
3	<i>In situ</i> recovery of bio-based carboxylic acids. <i>Green Chemistry</i> , 2018, 20, 1791-1804.	9.0	63
4	Redesigned Hybrid Nylons with Optical Clarity and Chemical Recyclability. <i>Journal of the American Chemical Society</i> , 2022, 144, 5366-5376.	13.7	53
5	Methylenation of Perfluoroalkyl Ketones using a Peterson Olefination Approach. <i>Journal of Organic Chemistry</i> , 2014, 79, 1145-1155.	3.2	42
6	Selective or living organopolymerization of a six-five bicyclic lactone to produce fully recyclable polyesters. <i>Polymer Chemistry</i> , 2019, 10, 3097-3106.	3.9	42
7	Quantification of acidic compounds in complex biomass-derived streams. <i>Green Chemistry</i> , 2016, 18, 4750-4760.	9.0	38
8	Post-Fermentation Recovery of Biobased Carboxylic Acids. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15273-15283.	6.7	29
9	Oxidative cleavage of allyl ethers by an oxoammonium salt. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4255-4259.	2.8	25
10	Sustainable nanofiltration membranes based on biosourced fully recyclable polyesters and green solvents. , 2022, 2, 100016.		16
11	Thermally Regulated Recyclable Carbene Catalysts for Upgrading of Biomass Furaldehydes. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1980-1988.	6.7	15