

# Hannah Prydderch

## List of Publications by Year in descending order

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1307594

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435  
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#	ARTICLE	IF	CITATIONS
1	Sugar-Based Polymers with Stereochemistry-Dependent Degradability and Mechanical Properties. <i>Journal of the American Chemical Society</i> , 2022, 144, 1243-1250.	13.7	24
2	Ultra-Tough Elastomers from Stereochemistry-Directed Hydrogen Bonding in Isosorbide-Based Polymers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	34
3	Unsaturated Poly(ester-urethanes) with Stereochemically Dependent Thermomechanical Properties. <i>Macromolecules</i> , 2020, 53, 174-181.	4.8	17
4	Stereochemical enhancement of polymer properties. <i>Nature Reviews Chemistry</i> , 2019, 3, 514-535.	30.2	188
5	Polypeptide Nanoparticles Obtained from Emulsion Polymerization of Amino Acid <i>N</i> -Carboxyanhydrides. <i>Journal of the American Chemical Society</i> , 2019, 141, 12522-12526.	13.7	50
6	Green profiling of aprotic versus protic ionic liquids: Synthesis and microbial toxicity of analogous structures. <i>Sustainable Chemistry and Pharmacy</i> , 2018, 7, 17-26.	3.3	32
7	Mandelic acid derived ionic liquids: synthesis, toxicity and biodegradability. <i>RSC Advances</i> , 2017, 7, 2115-2126.	3.6	24