

Adrien Demongeot

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cross-Linking of Poly(butylene terephthalate) by Reactive Extrusion Using Zn(II) Epoxy-Vitrimer Chemistry. <i>Macromolecules</i> , 2017, 50, 6117-6127.	4.8	143
2	Coordination and catalysis of Zn ²⁺ in epoxy-based vitrimers. <i>Polymer Chemistry</i> , 2016, 7, 4486-4493.	3.9	109
3	Sustainable polyesters via direct functionalization of lignocellulosic sugars. <i>Nature Chemistry</i> , 2022, 14, 976-984.	13.6	32
4	Mechanical reinforcement and memory effect of strain-induced soft segment crystals in thermoplastic polyurethane-urea elastomers. <i>Polymer</i> , 2021, 223, 123708.	3.8	26
5	Poly(lactide)/cellulose nanocrystal nanocomposites by high-shear mixing. <i>Polymer Engineering and Science</i> , 2021, 61, 1028-1040.	3.1	13
6	Photoresponsive Movement in 3D Printed Cellulose Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16703-16717.	8.0	11
7	Silk granular hydrogels self-reinforced with regenerated silk fibroin fibers. <i>Soft Matter</i> , 2021, 17, 7038-7046.	2.7	8
8	Stiff, Strong, Tough, and Highly Stretchable Hydrogels Based on Dual Stimuli-Responsive Semicrystalline Poly(urethane-urea) Copolymers. <i>ACS Applied Polymer Materials</i> , 2021, 3, 5683-5695.	4.4	4