

Dina Maniar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enzymatic Polymerization of Furan-2,5-Dicarboxylic Acid-Based Furanic-Aliphatic Polyamides as Sustainable Alternatives to Polyphthalamides. <i>Biomacromolecules</i> , 2015, 16, 3674-3685.	5.4	113
2	A Perspective on PEF Synthesis, Properties, and End-Life. <i>Frontiers in Chemistry</i> , 2020, 8, 585.	3.6	110
3	Enzymatic synthesis of 2,5-furandicarboxylic acid-based semi-aromatic polyamides: enzymatic polymerization kinetics, effect of diamine chain length and thermal properties. <i>RSC Advances</i> , 2016, 6, 67941-67953.	3.6	85
4	Furan-Based Copolyesters from Renewable Resources: Enzymatic Synthesis and Properties. <i>ChemSusChem</i> , 2019, 12, 990-999.	6.8	73
5	Enzymatic Polymerization of Dimethyl 2,5-Furandicarboxylate and Heteroatom Diamines. <i>ACS Omega</i> , 2018, 3, 7077-7085.	3.5	46
6	Biocatalytic Synthesis of Furan-Based Oligomer Diols with Enhanced End-Group Fidelity. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1068-1086.	6.7	34
7	On the way to greener furanic-aliphatic poly(ester amide)s: Enzymatic polymerization in ionic liquid. <i>Polymer</i> , 2020, 205, 122662.	3.8	22
8	Supramolecular Mimic for Bottlebrush Polymers in Bulk. <i>ACS Omega</i> , 2019, 4, 16481-16492.	3.5	12
9	Enzymatic synthesis and characterization of muconic acid-based unsaturated polymer systems. <i>Polymer International</i> , 2021, 70, 555-563.	3.1	7
10	Green Pathways for the Enzymatic Synthesis of Furan-Based Polyesters and Polyamides. <i>ACS Symposium Series</i> , 2020, , 3-29.	0.5	6
11	Order-disorder transition in supramolecular polymer combs/brushes with polymeric side chains. <i>Polymer Chemistry</i> , 2020, 11, 2749-2760.	3.9	5
12	Enzymatic transesterification of urethane-bond containing ester. <i>Colloid and Polymer Science</i> , 2021, 299, 561-573.	2.1	5
13	Enzymatic Synthesis of Muconic Acid-Based Polymers: Trans, Trans-Dimethyl Muconate and Trans, β -Dimethyl Hydromuconate. <i>Polymers</i> , 2021, 13, 2498.	4.5	5
14	Lipase-Catalyzed Transamidation of Urethane-Bond-Containing Ester. <i>ACS Omega</i> , 2020, 5, 1488-1495.	3.5	4
15	Influence of different ester side groups in polymers on the vapor phase infiltration with trimethyl aluminum. <i>Dalton Transactions</i> , 2022, 51, 1384-1394.	3.3	3