

Oskars Platnieks

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

557
citations

759233

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940533

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364
citing authors

#	ARTICLE	IF	CITATIONS
1	From Wood and Hemp Biomass Wastes to Sustainable Nanocellulose Foams. <i>Industrial Crops and Products</i> , 2021, 170, 113780.	5.2	85
2	Bio-based poly (butylene succinate): Recent progress, challenges and future opportunities. <i>European Polymer Journal</i> , 2021, 161, 110855.	5.4	77
3	Sustainable tetra pak recycled cellulose / Poly(Butylene succinate) based woody-like composites for a circular economy. <i>Journal of Cleaner Production</i> , 2020, 270, 122321.	9.3	69
4	Adding value to poly (butylene succinate) and nanofibrillated cellulose-based sustainable nanocomposites by applying masterbatch process. <i>Industrial Crops and Products</i> , 2021, 169, 113669.	5.2	57
5	Bio-Based Poly(butylene succinate)/Microcrystalline Cellulose/Nanofibrillated Cellulose-Based Sustainable Polymer Composites: Thermo-Mechanical and Biodegradation Studies. <i>Polymers</i> , 2020, 12, 1472.	4.5	55
6	Highly Loaded Cellulose/Poly (butylene succinate) Sustainable Composites for Woody-Like Advanced Materials Application. <i>Molecules</i> , 2020, 25, 121.	3.8	34
7	UV-Light Curing of 3D Printing Inks from Vegetable Oils for Stereolithography. <i>Polymers</i> , 2021, 13, 1195.	4.5	33
8	Biorefinery Approach for Aerogels. <i>Polymers</i> , 2020, 12, 2779.	4.5	31
9	Durability of Biodegradable Polymer Nanocomposites. <i>Polymers</i> , 2021, 13, 3375.	4.5	28
10	Spent coffee waste as a renewable source for the production of sustainable poly(butylene succinate) biocomposites from a circular economy perspective. <i>RSC Advances</i> , 2021, 11, 18580-18589.	3.6	25
11	Lignin and Xylan as Interface Engineering Additives for Improved Environmental Durability of Sustainable Cellulose Nanopapers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12939.	4.1	18
12	Cellulose Nanocrystals vs. Cellulose Nanofibers: A Comparative Study of Reinforcing Effects in UV-Cured Vegetable Oil Nanocomposites. <i>Nanomaterials</i> , 2021, 11, 1791.	4.1	14
13	Hydrothermal Ageing Effect on Reinforcement Efficiency of Nanofibrillated Cellulose/Biobased Poly(butylene succinate) Composites. <i>Polymers</i> , 2022, 14, 221.	4.5	12
14	Understanding the Impact of Microcrystalline Cellulose Modification on Durability and Biodegradation of Highly Loaded Biocomposites for Woody Like Materials Applications. <i>Journal of Polymers and the Environment</i> , 2022, 30, 1435-1450.	5.0	7
15	Biobased Resin for Sustainable Stereolithography: 3D Printed Vegetable Oil Acrylate Reinforced with Ultra-Low Content of Nanocellulose for Fossil Resin Substitution. <i>3D Printing and Additive Manufacturing</i> , 2023, 10, 1272-1286.	2.9	7
16	Sustainable Wax Coatings Made from Pine Needle Extraction Waste for Nanopaper Hydrophobization. <i>Membranes</i> , 2022, 12, 537.	3.0	5