

# Oskars Platnieks

## List of Publications by Year in descending order

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16  
papers

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