

# Mehmet Ozgur Seydibeyoglu

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

860  
citations

623734

14  
h-index

839539

18  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel nanocomposites based on polyurethane and micro fibrillated cellulose. <i>Composites Science and Technology</i> , 2008, 68, 908-914.	7.8	267
2	Polyhydroxyalkanoates (PHA): From production to nanoarchitecture. <i>International Journal of Biological Macromolecules</i> , 2020, 146, 596-619.	7.5	99
3	A review on recent advances in sandwich structures based on polyurethane foam cores. <i>Polymer Composites</i> , 2020, 41, 2355-2400.	4.6	75
4	Studies on recyclability of polyhydroxybutyrate-co-valerate bioplastic: Multiple melt processing and performance evaluations. <i>Journal of Applied Polymer Science</i> , 2012, 125, E324.	2.6	57
5	Green polyurethane nanocomposites from soy polyol and bacterial cellulose. <i>Journal of Materials Science</i> , 2013, 48, 2167-2175.	3.7	52
6	A Novel Partially Biobased PAN-Lignin Blend as a Potential Carbon Fiber Precursor. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-8.	3.0	50
7	Electrochemical Detection of a Cancer Biomarker mir-21 in Cell Lysates Using Graphene Modified Sensors. <i>Electroanalysis</i> , 2015, 27, 317-326.	2.9	47
8	Surface modification of new cellulose fiber extracted from <i>Conium maculatum</i> plant: a comparative study. <i>Cellulose</i> , 2018, 25, 3267-3280.	4.9	42
9	Effect of Al <sub>2</sub> O <sub>3</sub> Particle Size on Mechanical Properties of Ultrasonic-Assisted Stir-Casted Al A356 Matrix Composites. <i>International Journal of Metalcasting</i> , 2021, 15, 638-649.	1.9	33
10	Effect of Extraction Methods on the Properties of <i>Althea Officinalis L.</i> Fibers. <i>Journal of Natural Fibers</i> , 2018, 15, 325-336.	3.1	27
11	The Use of Stirring Methods for the Production of SiC-Reinforced Aluminum Matrix Composite and Validation Via Simulation Studies. <i>International Journal of Metalcasting</i> , 2019, 13, 190-200.	1.9	24
12	Preparation and characterization of diatomite and hydroxyapatite reinforced porous polyurethane foam biocomposites. <i>Scientific Reports</i> , 2020, 10, 13308.	3.3	23
13	A review on alternative raw materials for sustainable production: novel plant fibers. <i>Cellulose</i> , 2022, 29, 4877-4918.	4.9	23
14	Synergistic improvements in the impact strength and % elongation of polyhydroxybutyrate-co-valerate copolymers with functionalized soybean oils and POSS. <i>International Journal of Plastics Technology</i> , 2010, 14, 1-16.	3.1	16
15	The Use of Biodiesel Residues for Heat Insulating Biobased Polyurethane Foams. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-14.	2.7	10
16	Preparation of polyurethane/hectorite, polyurethane/montmorillonite, and polyurethane/laponite nanocomposites without organic modifiers. <i>Journal of Applied Polymer Science</i> , 2010, 116, 832-837.	2.6	7
17	Stability, rheology, and thermophysical properties of surfactant free aqueous single-walled carbon nanotubes and graphene nanoplatelets nanofluids: a comparative study. <i>Journal of Dispersion Science and Technology</i> , 2023, 44, 299-308.	2.4	4
18	Understanding dispersion of copper phthalocyanine alpha blue pigment in polyethylene masterbatch with the use of wax. <i>Coloration Technology</i> , 2020, 136, 526-534.	1.5	2

#	ARTICLE	IF	CITATIONS
19	Surface Treatment of Lignin Sourced Carbon Fibers: Principles, Processes, and Challenges. , 2019, , 427-439.		1
20	Synergistic effect of natural clinoptilolite with non-lethal repellents in anti-rodent dry food packaging. Packaging Technology and Science, 0, , .	2.8	1
21	Examining the effects of collagen coating on the mechanical and biocompatibility properties of surgical sutures. , 2019, , .		0
22	The Use of Glasswort (Salicornia europaea) in High Density Polyethylene Composites. Journal of Natural Fibers, 0, , 1-14.	3.1	0
23	Recovery of Pressed Titanium Alloy Machining Chip via Vacuum Induction Melting. , 2022, 2, 1-13.		0
24	Novel polyurethane foams with titanium powder and collagen for medical uses. Polymers and Polymer Composites, 2022, 30, 096739112210823.	1.9	0