

# Antonella Patti

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

481  
citations

759233

12  
h-index

713466

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

472  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eco-Sustainability of the Textile Production: Waste Recovery and Current Recycling in the Composites World. <i>Polymers</i> , 2021, 13, 134.	4.5	83
2	The effect of filler functionalization on dispersion and thermal conductivity of polypropylene/multi wall carbon nanotubes composites. <i>Composites Part B: Engineering</i> , 2016, 94, 350-359.	12.0	65
3	Flexural properties of multi-wall carbon nanotube/polypropylene composites: Experimental investigation and nonlocal modeling. <i>Composite Structures</i> , 2015, 131, 282-289.	5.8	62
4	Towards the Sustainability of the Plastic Industry through Biopolymers: Properties and Potential Applications to the Textiles World. <i>Polymers</i> , 2022, 14, 692.	4.5	41
5	The universal usefulness of stearic acid as surface modifier: applications to the polymer formulations and composite processing. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 96, 1-33.	5.8	28
6	Epoxy Based Blends for Additive Manufacturing by Liquid Crystal Display (LCD) Printing: The Effect of Blending and Dual Curing on Daylight Curable Resins. <i>Polymers</i> , 2020, 12, 1594.	4.5	25
7	Polyurethane Impregnation for Improving the Mechanical and the Water Resistance of Polypropylene-Based Textiles. <i>Materials</i> , 2021, 14, 1951.	2.9	24
8	Thermal conductivity and dielectric properties of polypropylene-based hybrid compounds containing multiwalled carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46470.	2.6	18
9	The Puncture and Water Resistance of Polyurethane- Impregnated Fabrics after UV Weathering. <i>Polymers</i> , 2020, 12, 15.	4.5	18
10	Dispersion of carbon nanotubes in melt compounded polypropylene based composites investigated by THz spectroscopy. <i>Optics Express</i> , 2015, 23, 18181.	3.4	17
11	Influence of the Processing Conditions on the Mechanical Performance of Sustainable Bio-Based PLA Compounds. <i>Polymers</i> , 2020, 12, 2197.	4.5	17
12	Thermal Conductivity of Polypropylene-Based Materials. , 0, , .		17
13	A Comparative Analysis on the Processing Aspects of Basalt and Glass Fibers Reinforced Composites. <i>Fibers and Polymers</i> , 2021, 22, 1449-1459.	2.1	12
14	Rotational Rheology of Wood Flour Composites Based on Recycled Polyethylene. <i>Polymers</i> , 2021, 13, 2226.	4.5	12
15	Recovery of Waste Material from Biobags: 3D Printing Process and Thermo-Mechanical Characteristics in Comparison to Virgin and Composite Matrices. <i>Polymers</i> , 2022, 14, 1943.	4.5	8
16	The effect of silica/polyurethane waterborne dispersion on the perforating features of impregnated polypropylene-based fabric. <i>Textile Research Journal</i> , 2020, 90, 1201-1211.	2.2	6
17	Influence of filler dispersion and interfacial resistance on thermal conductivity of polypropylene/carbon nanotubes systems. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	5
18	Viscoelastic behaviour of highly filled polypropylene with solid and liquid Tin microparticles: influence of the stearic acid additive. <i>Rheologica Acta</i> , 2021, 60, 661-673.	2.4	5

#	ARTICLE	IF	CITATIONS
19	Liquid Crystal Display (LCD) Printing: A Novel System for Polymer Hybrids Printing. Macromolecular Symposia, 2021, 395, .	0.7	4
20	Effects of chemical functionalization of multi wall carbon nanotubes on the heat transport behaviour of polypropylene based nanocomposites. , 2014, , .		3
21	UV treatment for the removal of bromate formed during ozonation of groundwater. Influence of the oxidation process on the removal efficiency. Journal of Environmental Chemical Engineering, 2016, 4, 3293-3302.	6.7	3
22	Additive Manufacturing Processing of Plastics for Mass Production of Composites Tooling: Technical and Economic Analysis. Macromolecular Symposia, 2021, 395, .	0.7	3
23	Assessment of Recycled PLA-Based Filament for 3D Printing. , 2021, 7, .		3
24	Effect of waterborne polyurethane on mechanical properties of impregnated fabrics. AIP Conference Proceedings, 2018, , .	0.4	1
25	Fused Deposition Modelling (FDM): New Standards for Mechanical Characterization. Macromolecular Symposia, 2021, 395, 2000253.	0.7	1
26	Thermal conductivity and rheological measurements on hybrid polypropylene-based systems. AIP Conference Proceedings, 2016, , .	0.4	0
27	Dispersion issues and thermal conductivity of polypropylene/multi wall carbon nanotube systems. AIP Conference Proceedings, 2016, , .	0.4	0