

MÃ³nica L Ãlvarez-LÃ¡inez

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

735
citations

840776

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docs citations

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times ranked

1017
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of processing conditions and mechanical properties of banana fiber-reinforced polylactic acid/high-density polyethylene biocomposites. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51501.	2.6	7
2	Colloidal and rheological properties of natural rubber latex concentrated with hydroxyethyl cellulose and sodium dodecyl sulphate. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	3
3	PTFE as a toughness modifier of high-performance PEI/PBT blends: Morphology control during melt processing. <i>Polymers for Advanced Technologies</i> , 2021, 32, 714-724.	3.2	2
4	Global View and Trends in Electrospun Nanofiber Membranes for Particulate Matter Filtration: A Review. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100278.	3.6	32
5	Synergistic contribution on flame retardancy by charring production in high-performance PEI/PBT/PTFE ternary blends: The role of PTFE. <i>Polymers for Advanced Technologies</i> , 2021, 32, 1615-1625.	3.2	4
6	Effect of the Phenological Stage in the Natural Rubber Latex Properties. <i>Journal of Polymers and the Environment</i> , 2019, 27, 364-371.	5.0	9
7	Effect of CeO ₂ content in morphology and optoelectronic properties of TiO ₂ -CeO ₂ nanoparticles in visible light organic degradation. <i>Materials Science in Semiconductor Processing</i> , 2019, 90, 190-197.	4.0	48
8	Two-Step Processing Method for Blending High-Performance Polymers with Notable Thermal and Rheological Differences: PEI and PBT. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 1411-1417.	1.9	3
9	The influence of electrospinning parameters and solvent selection on the morphology and diameter of polyimide nanofibers. <i>Materials Today Communications</i> , 2018, 14, 1-9.	1.9	121
10	Tailoring the mechanical, thermal, and flammability properties of high-performance PEI/PBT blends exhibiting dual-phase continuity. <i>Polymer</i> , 2018, 154, 241-252.	3.8	10
11	Superhydrophobic Bilayer Coating Based on Annealed Electrospun Ultrathin Poly(μ -caprolactone) Fibers and Electrospayed Nanostructured Silica Microparticles for Easy Emptying Packaging Applications. <i>Coatings</i> , 2018, 8, 173.	2.6	25
12	Correlations between thermal and tensile behavior with friction coefficient in copolyamides 6/12. <i>Wear</i> , 2017, 372-373, 76-80.	3.1	14
13	Water-based adhesive formulations for rubber to metal bonding developed by statistical design of experiments. <i>International Journal of Adhesion and Adhesives</i> , 2017, 73, 58-65.	2.9	11
14	Experimental design as a tool for the manufacturing of filtering media based on electrospun polyacrylonitrile/ β -cyclodextrin fibers. <i>International Journal on Interactive Design and Manufacturing</i> , 2016, 10, 153-164.	2.2	6
15	Functionalization of polyacrylonitrile nanofibers with β -cyclodextrin for the capture of formaldehyde. <i>Materials and Design</i> , 2016, 95, 632-640.	7.0	39
16	Morphology Development of Immiscible Quaternary Polyolefin and PS Blends. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 9-14.	1.9	0
17	Acoustic absorption coefficient of open-cell polyolefin-based foams. <i>Materials Letters</i> , 2014, 121, 26-30.	2.6	30
18	Foaming of EVA/starch blends: Characterization of the structure, physical properties, and biodegradability. <i>Polymer Engineering and Science</i> , 2012, 52, 62-70.	3.1	17

#	ARTICLE	IF	CITATIONS
19	Microstructure and physical properties of open-cell polyolefin foams. Journal of Applied Polymer Science, 2009, 114, 1176-1186.	2.6	24
20	Enhanced acoustic damping in flexible polyurethane foams filled with carbon nanotubes. Composites Science and Technology, 2009, 69, 1564-1569.	7.8	272
21	Thermal conductivity of open-cell polyolefin foams. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 212-221.	2.1	58
22	Development of a flexible anode for lithium-ion batteries from electrospun carbon-magnetite composite microfibers. Revista Facultad De IngenierÍa, 0, , .	0.5	0