MÃ³nica L Ãlvarez-LÃ¡inez

List of Publications by Year
in descending order

22 papers	735 citations	840776 11 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	1017 citing authors

#	Article	IF	Citations
1	Enhanced acoustic damping in flexible polyurethane foams filled with carbon nanotubes. Composites Science and Technology, 2009, 69, 1564-1569.	7.8	272
2	The influence of electrospinning parameters and solvent selection on the morphology and diameter of polyimide nanofibers. Materials Today Communications, 2018, 14, 1-9.	1.9	121
3	Thermal conductivity of openâ€cell polyolefin foams. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 212-221.	2.1	58
4	Effect of CeO2 content in morphology and optoelectronic properties of TiO2-CeO2 nanoparticles in visible light organic degradation. Materials Science in Semiconductor Processing, 2019, 90, 190-197.	4.0	48
5	Functionalization of polyacrylonitrile nanofibers with Î²-cyclodextrin for the capture of formaldehyde. Materials and Design, 2016, 95, 632-640.	7.0	39
6	Global View and Trends in Electrospun Nanofiber Membranes for Particulate Matter Filtration: A Review. Macromolecular Materials and Engineering, 2021, 306, 2100278.	3.6	32
7	Acoustic absorption coefficient of open-cell polyolefin-based foams. Materials Letters, 2014, 121, 26-30.	2.6	30
8	Superhydrophobic Bilayer Coating Based on Annealed Electrospun Ultrathin Poly(Îµ-caprolactone) Fibers and Electrosprayed Nanostructured Silica Microparticles for Easy Emptying Packaging Applications. Coatings, 2018, 8, 173.	2.6	25
9	Microstructure and physical properties of openâ€cell polyolefin foams. Journal of Applied Polymer Science, 2009, 114, 1176-1186.	2.6	24
10	Foaming of EVA/starch blends: Characterization of the structure, physical properties, and biodegradability. Polymer Engineering and Science, 2012, 52, 62-70.	3.1	17
11	Correlations between thermal and tensile behavior with friction coefficient in copolyamides 6/12. Wear, 2017, 372-373, 76-80.	3.1	14
12	Water-based adhesive formulations for rubber to metal bonding developed by statistical design of experiments. International Journal of Adhesion and Adhesives, 2017, 73, 58-65.	2.9	11
13	Tailoring the mechanical, thermal, and flammability properties of high-performance PEI/PBT blends exhibiting dual-phase continuity. Polymer, 2018, 154, 241-252.	3.8	10
14	Effect of the Phenological Stage in the Natural Rubber Latex Properties. Journal of Polymers and the Environment, 2019, 27, 364-371.	5.0	9
15	Optimization of processing conditions and mechanical properties of banana fiberâ€reinforced polylactic acid/highâ€density polyethylene biocomposites. Journal of Applied Polymer Science, 2022, 139, 51501.	2.6	7
16	Experimental design as a tool for the manufacturing of filtering media based on electrospun polyacrylonitrile/ $$upbeta $$ Î² -cyclodextrin fibers. International Journal on Interactive Design and Manufacturing, 2016, 10, 153-164.	2.2	6
17	Synergistic contribution on flame retardancy by charring production in highâ€performance <scp>PEI</scp>/<scp>PBT</scp>/<scp>PTFE</scp> ternary blends: The role of <scp>PTFE</scp>. Polymers for Advanced Technologies, 2021, 32, 1615-1625.	3.2	4
18	Two-Step Processing Method for Blending High-Performance Polymers with Notable Thermal and Rheological Differences: PEI and PBT. Polymer-Plastics Technology and Engineering, 2018, 57, 1411-1417.	1.9	3

#	Article	IF	Citations
19	Colloidal and rheological properties of natural rubber latex concentrated with hydroxyethyl cellulose and sodium dodecyl sulphate. Journal of Applied Polymer Science, 2022, 139, .	2.6	3
20	<scp>PTFE</scp> as a toughness modifier of highâ€performance <scp>PEI</scp>/<scp>PBT</scp> blends: Morphology control during melt processing. Polymers for Advanced Technologies, 2021, 32, 714-724.	3.2	2
21	Morphology Development of Immiscible Quaternary Polyolefin and PS Blends. Polymer-Plastics Technology and Engineering, 2016, 55, 9-14.	1.9	0
22	Development of a flexible anode for lithium-ion batteries from electrospun carbon-magnetite composite microfibers. Revista Facultad De IngenierÃa, 0, , .	0.5	0