Mirna A Mosiewicki

List of Publications by Year
in descending order

35 papers	965 citations	471061 17 h-index	433756 31 g-index
36 all docs	36 docs citations	36 times ranked	1174 citing authors

#	Article	IF	Citations
1	A short review on novel biocomposites based on plant oil precursors. European Polymer Journal, 2013, 49, 1243-1256.	2.6	181
2	Nanocomposites made from cellulose nanocrystals and tailored segmented polyurethanes. Journal of Applied Polymer Science, 2010, 115, 1215-1225.	1.3	68
3	Chitosan/iron oxide nanocomposite films: Effect of the composition and preparation methods on the adsorption of congo red. Carbohydrate Polymers, 2019, 221, 186-194.	5.1	63
4	Adsorption of arsenic onto films based on chitosan and chitosan/nano-iron oxide. International Journal of Biological Macromolecules, 2020, 165, 1286-1295.	3.6	62
5	Polyanilineâ€modified cellulose nanofibrils as reinforcement of a smart polyurethane. Polymer International, 2011, 60, 743-750.	1.6	52
6	Nanocomposites with superparamagnetic behavior based on a vegetable oil and magnetite nanoparticles. European Polymer Journal, 2014, 53, 90-99.	2.6	49
7	Polymeric networks based on tung oil: Reaction and modification with green oil monomers. European Polymer Journal, 2015, 67, 551-560.	2.6	48
8	Recent developments in plant oil based functional materials. Polymer International, 2016, 65, 28-38.	1.6	42
9	Composite films based on chitosan and nanomagnetite. European Polymer Journal, 2015, 66, 386-396.	2.6	40
10	Vegetable oil/styrene thermoset copolymers with shape memory behavior and damping capacity. Polymer International, 2012, 61, 735-742.	1.6	34
11	Shape memory segmented polyurethanes: dependence of behavior on nanocellulose addition and testing conditions. Polymer International, 2012, 61, 321-327.	1.6	32
12	Ageing of thermosets based on tung oil/styrene/divinylbenzene. Polymer Testing, 2013, 32, 249-255.	2.3	25
13	Sodium caseinate films containing linseed oil resin as oily modifier. Food Hydrocolloids, 2015, 44, 407-415.	5.6	25
14	Alginate based nanocomposites with magnetic properties. Composites Part A: Applied Science and Manufacturing, 2020, 135, 105936.	3.8	22
15	Functionalization of carbon nanotubes and carbon nanofibers used in epoxy/amine matrices that avoid partitioning of the monomers at the fiber interface. Polymer Engineering and Science, 2010, 50, 183-190.	1.5	19
16	Structural analysis of magnetic nanocomposites based on chitosan. Polymer Testing, 2018, 72, 202-213.	2.3	19
17	Shape memory polymer networks based on methacrylated fatty acids. European Polymer Journal, 2019, 116, 321-329.	2.6	18
18	Magnetic characterization of chitosanâ€“magnetite nanocomposite films. European Polymer Journal, 2015, 72, 202-211.	2.6	17

#	Article	IF	Citations
19	Magnetic composite films based on alginate and nano-iron oxide particles obtained by synthesis â€œin situâ€• European Polymer Journal, 2017, 94, 43-55.	2.6	17
20	Structural properties of vegetable oil thermosets: Effect of crosslinkers, modifiers and oxidative aging. European Polymer Journal, 2020, 124, 109470.	2.6	15
21	Aging study of linseed oil resin/styrene thermosets and their composites with wood flour. Polymer International, 2007, 56, 875-881.	1.6	14
22	Study of nanoreinforced shape memory polymers processed by casting and extrusion. Polymer Composites, 2011, 32, 455-463.	2.3	14
23	Creep behavior of wood flour composites made from linseed oilâ€based polyester thermosets. Journal of Applied Polymer Science, 2011, 121, 2626-2633.	1.3	12
24	Magnetism and structure of nanocomposites made from magnetite and vegetable oil based polymeric matrices. Materials Chemistry and Physics, 2016, 175, 81-91.	2.0	12
25	Smart and structural thermosets from the cationic copolymerization of a vegetable oil. Journal of Applied Polymer Science, 2012, 124, 5071-5078.	1.3	10
26	Effect of SWCNT dispersion on epoxy nanocomposite properties. Polymer Composites, 2012, 33, 582-588.	2.3	9
27	Stress relaxation behavior of weldable crosslinked polymers based on methacrylated oleic and lauric acids. European Polymer Journal, 2020, 132, 109740.	2.6	9
28	Magnetic Remote Activation of Shape Recovery in Nanocomposites Based on Tung Oil and Styrene. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800311.	0.8	7
29	From the synthesis and characterization of methacrylated fatty acid based precursors to shape memory polymers. Polymer International, 2019, 68, 546-554.	1.6	7
30	Bioâ€Based Polymers Obtained from Modified Fatty Acids and Soybean Oil with Tailorable Physical and Mechanical Performance. European Journal of Lipid Science and Technology, 2020, 122, 2000182.	1.0	7
31	Moisture absorption effects on the thermal and mechanical properties of wood flour/linseed oil resin composites. Polymer International, 2007, 56, 779-786.	1.6	5
32	Design of super-paramagnetic bilayer films based on chitosan and sodium alginate. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100083.	1.6	4
33	Effect of the composition and chemical aging in tung oil-styrene networks: Free volume and dynamic-mechanical properties. European Polymer Journal, 2017, 87, 231-240.	2.6	3
34	Nanocomposites Based on Waterborne Polyurethane Matrix and Fe 3 O 4 Nanoparticles: Synthesis and Characterization. Advanced Engineering Materials, 2021, 23, 2100381.	1.6	3
35	Integrating ricinoleic acid derivates to thermoset polymers with tunable properties. Polymer International, 2021, 70, 1298-1308.	1.6	1