

Larissa Carli

List of Publications by Year in descending order

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23
papers

719
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759233

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23
docs citations

23
times ranked

946
citing authors

#	ARTICLE	IF	CITATIONS
1	PHBV nanocomposites based on organomodified montmorillonite and halloysite: The effect of clay type on the morphology and thermal and mechanical properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011, 42, 1601-1608.	7.6	157
2	Removal of methyl violet 2B dye from aqueous solution using a magnetic composite as an adsorbent. <i>Journal of Water Process Engineering</i> , 2015, 6, 11-20.	5.6	121
3	The effects of silane coupling agents on the properties of PHBV/halloysite nanocomposites. <i>Applied Clay Science</i> , 2014, 87, 311-319.	5.2	108
4	Effects of the organic modification of different clay minerals and their application in biodegradable polymer nanocomposites of PHBV. <i>Applied Clay Science</i> , 2015, 115, 157-164.	5.2	41
5	Tire tread compounds with reduced rolling resistance and improved wet grip. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45334.	2.6	37
6	Removal of methylene blue from aqueous solutions using a solid residue of the apple juice industry: Full factorial design, equilibrium, thermodynamics and kinetics aspects. <i>Journal of Molecular Structure</i> , 2021, 1224, 129296.	3.6	37
7	Poly(hydroxybutyrate-co-hydroxyvalerate)-based nanocomposites for antimicrobial active food packaging containing oregano essential oil. <i>Food Packaging and Shelf Life</i> , 2020, 26, 100602.	7.5	33
8	Biodegradable polymer/clay systems for highly controlled release of <sc>NPK</sc> fertilizer. <i>Polymers for Advanced Technologies</i> , 2019, 30, 631-639.	3.2	25
9	Morphological and structural characterization of PHBV/organoclay nanocomposites by small angle X-ray scattering. <i>Materials Science and Engineering C</i> , 2013, 33, 932-937.	7.3	24
10	Development of passenger tire treads: reduction in zinc content and utilization of a bio-based lubricant. <i>Journal of Cleaner Production</i> , 2016, 117, 199-206.	9.3	24
11	Biopolymer nanocomposites based on poly(hydroxybutyrate-co-hydroxyvalerate) reinforced by a non-ionic organoclay. <i>Polymer International</i> , 2015, 64, 235-241.	3.1	22
12	Development of bus body rubber profiles with additives from renewable sources: Part II – Chemical, physical – mechanical and aging characterization of elastomeric compositions. <i>Materials & Design</i> , 2014, 53, 1119-1123.	5.1	15
13	Comparison of the Effect of Plasticizers on PHBV and Organoclay Based Biodegradable Polymer Nanocomposites. <i>Journal of Polymers and the Environment</i> , 2018, 26, 2290-2299.	5.0	14
14	Development of bus body rubber profiles with additives from renewable sources: Part I – Additives characterization and processing and cure properties of elastomeric compositions. <i>Materials & Design</i> , 2014, 53, 1112-1118.	5.1	10
15	Removal of malachite green dye from aqueous solutions by a magnetic adsorbent. <i>Separation Science and Technology</i> , 0, , 1-13.	2.5	10
16	Natural rubber compositions with the partial/total replacement of carbon black/naphthenic oil by renewable additives: Rice husk ash and cashew nut oil. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48314.	2.6	10
17	Evaluation of Stabilizing Additives Content in the Mechanical Properties of Elastomeric Compositions Subject to Environmental and Accelerated Aging. <i>Materials Research</i> , 2020, 23, .	1.3	8
18	Poly(hydroxybutyrate)-based systems behavior on the controlled release of <sc>NPK</sc> fertilizers. <i>Polymers for Advanced Technologies</i> , 2020, 31, 2579-2587.	3.2	6

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19	Removal of Zinc(II) from Aqueous Solutions using an Eco-Friendly Biosorbent Originating from the Winery Industry. Separation Science and Technology, 2014, 49, 2212-2220.	2.5	5
20	Synergistic effect between different clays and plasticizer on the properties of PHBV nanocomposites. Polymer Composites, 2019, 40, 3835-3843.	4.6	5
21	Induced orientation of magnetic bentonite nanoparticles to produce low-density polyethylene nanocomposites. Journal of Magnetism and Magnetic Materials, 2022, 549, 169015.	2.3	3
22	Influence of the thermomechanical degradation on the formation of the crystalline structure of PHBV evaluated by temperature-resolved SAXS experiments. Polymer Engineering and Science, 2020, 60, 2945-2957.	3.1	2
23	Magnetic chitosan microspheres for the removal of methyl violet 2B from aqueous solutions. Journal of Dispersion Science and Technology, 2023, 44, 1170-1182.	2.4	2