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List of Publications by Year in descending order

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35
papers

558
citations

623188

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22
g-index

35
all docs

35
docs citations

35
times ranked

649
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilization of starch films plasticized with urea as fertilizer for improvement of plant growth. Carbohydrate Polymers, 2016, 137, 127-138.	5.1	84
2	The Role of Electrical Polarity in Electrospinning and on the Mechanical and Structural Properties of As-Spun Fibers. Materials, 2020, 13, 4169.	1.3	32
3	Scanning Electron Microscopy and Atomic Force Microscopy: Topographic and Dynamical Surface Studies of Blends, Composites, and Hybrid Functional Materials for Sustainable Future. Advances in Materials Science and Engineering, 2019, 2019, 1-16.	1.0	31
4	Recycling of poly(ethylene terephthalate) by electrospinning to enhanced the filtration efficiency. Materials Letters, 2020, 278, 128426.	1.3	28
5	Conducting electrospun polycaprolactone/polypyrrole fibers. Synthetic Metals, 2018, 235, 80-88.	2.1	27
6	LC-Multistage Mass Spectrometry for the Characterization of Poly(Butylene Adipate-co-Butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.2	25
7	Ageing of plasticized poly(lactic acid)/poly(3-hydroxybutyrate)/carbon black mulching films during one season of sweet pepper production. European Polymer Journal, 2019, 114, 81-89.	2.6	25
8	Electrospun Poly(ethylene Terephthalate)/Silk Fibroin Composite for Filtration Application. Polymers, 2021, 13, 2499.	2.0	23
9	Complex study of the physical properties of a poly(lactic acid)/poly(3-hydroxybutyrate) blend and its carbon black composite during various outdoor and laboratory ageing conditions. RSC Advances, 2017, 7, 47132-47142.	1.7	22
10	Diclofenac Embedded in Silk Fibroin Fibers as a Drug Delivery System. Materials, 2020, 13, 3580.	1.3	21
11	Thermoplastic Starch-Based Composite Reinforced by Conductive Filler Networks: Physical Properties and Electrical Conductivity Changes during Cyclic Deformation. Polymers, 2021, 13, 3819.	2.0	21
12	Poly(2-oxazoline) hydrogels by photoinduced thiol-ene reaction using different dithiol crosslinkers. Journal of Polymer Research, 2017, 24, 1.	1.2	20
13	Properties and Degradation of Novel Fully Biodegradable PLA/PHB Blends Filled with Keratin. International Journal of Molecular Sciences, 2020, 21, 9678.	1.8	19
14	Liquid chromatography under limiting conditions of desorption 4 separation of blends containing low-solubility polymers. European Polymer Journal, 2012, 48, 155-162.	2.6	15
15	Circulatory Management of Polymer Waste: Recycling into Fine Fibers and Their Applications. Materials, 2021, 14, 4694.	1.3	15
16	Prediction studies of environment-friendly biodegradable polymeric packaging based on PLA. Influence of specimens thickness on the hydrolytic degradation profile. Waste Management, 2018, 78, 938-947.	3.7	14
17	The Drug-Loaded Electrospun Poly(Îµ-Caprolactone) Mats for Therapeutic Application. Nanomaterials, 2021, 11, 922.	1.9	14
18	Liquid chromatography of synthetic polymers under critical conditions of enthalpic interactions 4: Sample recovery. Journal of Separation Science, 2013, 36, 2979-2985.	1.3	13

#	ARTICLE	IF	CITATIONS
19	Fabrication, Modification, and Characterization of Lignin-Based Electrospun Fibers Derived from Distinctive Biomass Sources. <i>Polymers</i> , 2021, 13, 2277.	2.0	13
20	Comprehensive Molecular Characterization of Complex Polymer Systems by Sequenced Two-Dimensional Liquid Chromatography. Principle of Operation. <i>Macromolecules</i> , 2010, 43, 9627-9634.	2.2	12
21	Cyclodextrins tethered with oligolactides – green synthesis and structural assessment. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 779-792.	1.3	11
22	Ageing of plasticized poly(lactic acid)/poly(ϵ -hydroxybutyrate) blend films under artificial UV irradiation and under real agricultural conditions during their application as mulches. <i>Chemical Papers</i> , 2016, 70, .	1.0	9
23	Antibacterial Filtration Membranes Based on PVDF-co-HFP Nanofibers with the Addition of Medium-Chain 1-Monoacylglycerols. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 41021-41033.	4.0	9
24	Reuse of Textile Waste to Production of the Fibrous Antibacterial Membrane with Filtration Potential. <i>Nanomaterials</i> , 2022, 12, 50.	1.9	9
25	Antibacterial cotton fabric prepared by surface-initiated photochemically induced atom transfer radical polymerization of 2-(dimethylamino)ethyl methacrylate with subsequent quaternization. <i>Polymer Chemistry</i> , 2021, 12, 7073-7084.	1.9	8
26	A joint experimental and theoretical study on the electro-optical properties of 1,6- and 1,7-fluorenyl disubstituted perylene diimide isomers. <i>New Journal of Chemistry</i> , 2018, 42, 1061-1066.	1.4	7
27	Biocleaning of historical documents: The use and characterization of bacterial enzymatic resources. <i>International Biodeterioration and Biodegradation</i> , 2019, 140, 106-112.	1.9	7
28	Light-Responsive Hybrids Based on Carbon Nanotubes with Covalently Attached PHEMA-g-PCL Brushes. <i>Macromolecules</i> , 2021, 54, 2412-2426.	2.2	6
29	Simple and Eco-Friendly Route from Agro-Food Waste to Water Pollutants Removal. <i>Materials</i> , 2020, 13, 5424.	1.3	5
30	Molar mass distributions in binary homopolymer blends by single-step two-dimensional liquid chromatography: Operation and data treatment. <i>Polymer Testing</i> , 2016, 52, 33-40.	2.3	4
31	Removal of overpainting from an historical painting of the XVIII Century: A yeast enzymatic approach. <i>Journal of Biotechnology</i> , 2021, 335, 55-64.	1.9	4
32	Electrospun Nisin-Loaded Poly(μ -caprolactone)-Based Active Food Packaging. <i>Materials</i> , 2022, 15, 4540.	1.3	3
33	Microscopic Techniques in Materials Science: Current Trends in the Area of Blends, Composites, and Hybrid Materials. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-2.	1.0	1
34	High-performance polymer applications for renewable energy. , 2021, , 3-26.		1
35	Secondary Raw Plastic Materials in Applied Design. <i>Materials Science Forum</i> , 0, 1063, 227-232.	0.3	0