

Cesare Lorenzetti

List of Publications by Year in descending order

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19
papers

539
citations

840776

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h-index

839539

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all docs

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docs citations

19
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully biobased poly(propylene 2,5-furandicarboxylate) for packaging applications: excellent barrier properties as a function of crystallinity. <i>Green Chemistry</i> , 2015, 17, 4162-4166.	9.0	153
2	Chemical Recovery of Useful Chemicals from Polyester (PET) Waste for Resource Conservation: A Survey of State of the Art. <i>Journal of Polymers and the Environment</i> , 2006, 14, 89-101.	5.0	85
3	Insights into the Synthesis of Poly(ethylene 2,5-Furandicarboxylate) from 2,5-Furandicarboxylic Acid: Steps toward Environmental and Food Safety Excellence in Packaging Applications. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 8955-8962.	3.7	45
4	Comparison between titanium tetrabutoxide and a new commercial titanium dioxide based catalyst used for the synthesis of poly(ethylene terephthalate). <i>Journal of Applied Polymer Science</i> , 2004, 92, 1887-1892.	2.6	38
5	Polyethylene like polymers. Aliphatic polyesters of dodecanedioic acid. <i>European Polymer Journal</i> , 2003, 39, 655-661.	5.4	36
6	Chemical Modification of Terephthalate Polyesters by Reaction with Bis(hydroxyethyl ether) of Bisphenol A. <i>Macromolecular Materials and Engineering</i> , 2004, 289, 49-55.	3.6	33
7	Polymorphism and Multiple Melting Behavior of Bio-Based Poly(propylene 2,5-furandicarboxylate). <i>Biomacromolecules</i> , 2020, 21, 2622-2634.	5.4	32
8	Thermal properties of poly(alkylene dicarboxylate)s derived from 1,12-dodecanedioic acid and even aliphatic diols. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 1053-1067.	2.1	21
9	Temperature-induced polymorphism in bio-based poly(propylene 2,5-furandicarboxylate). <i>Thermochimica Acta</i> , 2019, 677, 186-193.	2.7	17
10	Transamidations in melt-mixed MXD6 and PA6I-6T polyamides: 1. Determination of the degree of randomness and block length by 1H-NMR analysis. <i>European Polymer Journal</i> , 2012, 48, 1923-1931.	5.4	15
11	Strategy To Modify the Crystallization Behavior of EVOH32 through Interactions with Low-Molecular-Weight Molecules. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 3517-3524.	3.7	13
12	Strategy to improve PA6 performances by melt compounding. <i>Polymer Testing</i> , 2018, 67, 84-91.	4.8	11
13	Poly(propylene terephthalate) Modified with 2,2-Bis[4-(ethylenoxy)-1,4-phenylene]propane <i>Chemistry and Physics</i> , 2004, 205, 2473-2485.	2.2	10
14	Block and random copolyamides of poly(<i>ε</i> -caprolactone) and poly(hexamethylene terephthalate): molecular structure and phase behavior. <i>Polymer Engineering and Science</i> , 2015, 55, 1475-1484.	3.1	8
15	Synergistic effect of dipentaerythritol and montmorillonite in EVOH-based nanocomposites. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	7
16	Chemical Modification of Bisphenol A Polycarbonate by Reactive Blending with Cyclic Anhydrides. <i>Polymer Bulletin</i> , 2003, 51, 111-118.	3.3	6
17	Effects of random defect distributions in the barrier coating on the gas permeability of multilayer films. <i>Surface and Coatings Technology</i> , 2016, 302, 65-74.	4.8	6
18	MXD6 in film manufacturing: State of the art and recent advances in the synthesis and characterization of new copolyamides. <i>Journal of Plastic Film and Sheeting</i> , 2020, 36, 16-37.	2.2	2

#	ARTICLE	IF	CITATIONS
19	Synthesis and Characterization of Novel Water-Soluble Polyamides with Enhanced Gas Barrier Properties. Industrial & Engineering Chemistry Research, 0, , .	3.7	1