

Facundo Ignacio Altuna

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

968
citations

933264

10
h-index

1125617

13
g-index

16
all docs

16
docs citations

16
times ranked

1005
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-healable polymer networks based on the cross-linking of epoxidised soybean oil by an aqueous citric acid solution. <i>Green Chemistry</i> , 2013, 15, 3360.	4.6	325
2	Thermal and mechanical properties of anhydride-cured epoxy resins with different contents of biobased epoxidized soybean oil. <i>Journal of Applied Polymer Science</i> , 2011, 120, 789-798.	1.3	131
3	Epoxy vitrimers with a covalently bonded tertiary amine as catalyst of the transesterification reaction. <i>European Polymer Journal</i> , 2019, 113, 297-304.	2.6	128
4	Shape memory epoxy vitrimers based on DGEBA crosslinked with dicarboxylic acids and their blends with citric acid. <i>RSC Advances</i> , 2016, 6, 88647-88655.	1.7	104
5	Epoxy Vitrimers: The Effect of Transesterification Reactions on the Network Structure. <i>Polymers</i> , 2018, 10, 43.	2.0	70
6	Sustainable optically transparent composites based on epoxidized soy-bean oil (ESO) matrix and high contents of bacterial cellulose (BC). <i>Cellulose</i> , 2012, 19, 103-109.	2.4	50
7	Biobased Thermosetting Epoxy Foams: Mechanical and Thermal Characterization. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 1406-1411.	3.2	49
8	Photothermal triggering of self-healing processes applied to the reparation of bio-based polymer networks. <i>Materials Research Express</i> , 2016, 3, 045003.	0.8	36
9	Epoxy vitrimers incorporating physical crosslinks produced by self-association of alkyl chains. <i>Polymer Chemistry</i> , 2020, 11, 1337-1347.	1.9	31
10	Syntactic foams from copolymers based on epoxidized soybean oil. <i>Composites Part A: Applied Science and Manufacturing</i> , 2010, 41, 1238-1244.	3.8	21
11	Copolymers based on epoxidized soy bean oil and diglycidyl ether of bisphenol a: Relation between morphology and fracture behavior. <i>Polymer Engineering and Science</i> , 2014, 54, 569-578.	1.5	10
12	Effect of an Anhydride Excess on the Curing Kinetics and Dynamic Mechanical Properties of Synthetic and Biogenic Epoxy Resins. <i>International Journal of Polymer Science</i> , 2019, 2019, 1-8.	1.2	8
13	Synthesis and Characterization of Polyurethane Rigid Foams from Soybean Oil-Based Polyol and Glycerol. <i>Journal of Renewable Materials</i> , 2016, 4, 275-284.	1.1	4
14	Model-based methodology coupled with a Laser-based experiment for non-destructive thermal parameter estimation of an Epoxy nanocomposite. , 2020, , .		0