

Marta CarsÀ- Rosique

List of Publications by Year in descending order

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27
papers

474
citations

759055

12
h-index

677027

22
g-index

27
all docs

27
docs citations

27
times ranked

781
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the thermal and dielectric response of organosolv and modified kraft lignin as a carbon fibre precursor. <i>Green Chemistry</i> , 2018, 20, 4461-4472.	4.6	122
2	Exploring the role of lignin structure in molecular dynamics of lignin/bio-derived thermoplastic elastomer polyurethane blends. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 1369-1379.	3.6	68
3	Electrical conductivity properties of expanded graphite-polycarbonatediol polyurethane composites. <i>Polymer International</i> , 2015, 64, 284-292.	1.6	30
4	Monitoring molecular dynamics of bacterial cellulose composites reinforced with graphene oxide by carboxymethyl cellulose addition. <i>Carbohydrate Polymers</i> , 2017, 157, 353-360.	5.1	28
5	Effect of the Dipole–Dipole Interactions in the Molecular Dynamics of Poly(vinylpyrrolidone)-Based Copolymers. <i>Macromolecules</i> , 2014, 47, 5334-5346.	2.2	25
6	An experimental study of dynamic behaviour of graphite–polycarbonatediol polyurethane composites for protective coatings. <i>Applied Surface Science</i> , 2013, 275, 295-302.	3.1	21
7	Renewable polyol obtained by microwave-assisted alcoholysis of epoxidized soybean oil: Preparation, thermal properties and relaxation process. <i>Journal of Molecular Liquids</i> , 2019, 285, 136-145.	2.3	21
8	Electrical conductivity of natural rubber–cellulose II nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 2014, 405, 180-187.	1.5	19
9	Effect of Cross-Linking on the Molecular Motions and Nanodomains Segregation in Polymethacrylates Containing Aliphatic Alcohol Ether Residues. <i>Macromolecules</i> , 2012, 45, 3571-3580.	2.2	18
10	Effect of Chitin Whiskers on the Molecular Dynamics of Carrageenan-Based Nanocomposites. <i>Polymers</i> , 2019, 11, 1083.	2.0	15
11	Relaxational study of poly(vinylpyrrolidone-co-butyl acrylate) membrane by dielectric and dynamic mechanical spectroscopy. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 295304.	1.3	13
12	Thermal and dielectric properties of polycarbonatediol polyurethane. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	13
13	Molecular dynamics of carrageenan composites reinforced with Cloisite Na+ montmorillonite nanoclay. <i>Carbohydrate Polymers</i> , 2017, 176, 117-126.	5.1	13
14	Dipolar and Ionic Relaxations of Polymers Containing Polar Conformationally Versatile Side Chains. <i>Macromolecules</i> , 2010, 43, 5723-5733.	2.2	12
15	Theoretical modelling and experimental results of electromechanical actuation of an elastomer. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 235305.	1.3	12
16	Effect of chain extender on the morphology, thermal, viscoelastic, and dielectric behavior of soybean polyurethane. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50709.	1.3	12
17	Controlling dielectrical properties of polymer blends through defined PEDOT nanostructures. <i>RSC Advances</i> , 2016, 6, 62024-62030.	1.7	8
18	Effect of slight crosslinking on the mechanical relaxation behavior of poly(2-ethoxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (m	2.6	6

#	ARTICLE	IF	CITATIONS
19	Conductivity and Time-Dependent Temperature Correspondence in Polar Viscoelastic Liquids. <i>Macromolecules</i> , 2013, 46, 3167-3175.	2.2	4
20	Effect of chain extenders on the hydrolytic degradation of soybean polyurethane. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	4
21	Contributions of Dipolar Relaxation Processes and Ionic Transport to the Response of Liquids to Electrical Perturbation Fields. <i>Journal of Physical Chemistry B</i> , 2011, 115, 5730-5740.	1.2	3
22	Study of the dielectric relaxation of poly(phenylpropyl acrylate) and poly(phenylpropyl methacrylate): effect of slight differences in chemical structure. <i>Polymer International</i> , 2015, 64, 1733-1740.	1.6	3
23	The effect of cross-linking on the molecular dynamics of the segmental and Johari-Goldstein processes in polyvinylpyrrolidone-based copolymers. <i>Soft Matter</i> , 2015, 11, 7171-7180.	1.2	2
24	Molecular Dynamics of Functional Azide-Containing Acrylic Films. <i>Polymers</i> , 2018, 10, 859.	2.0	2
25	Study of the Thermal, Dielectric and Mechanical Properties of Poly(Methyl Methacrylate) Composites. <i>Journal of Applied Polymer Science</i> , 2012, 44, 1534-1538.	1.2	0
26	Thermal and dielectric characterization of multi-walled carbon nanotubes/thermoplastic polyurethanes composites. <i>Polymer Science - Series A</i> , 2017, 59, 543-553.	0.4	0
27	Cover Image, Volume 138, Issue 27. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50812.	1.3	0