

Marta Cars Rosique

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8289459/marta-carsi-rosique-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

377
citations

11
h-index

19
g-index

27
ext. papers

430
ext. citations

4.8
avg, IF

3.62
L-index

#	Paper	IF	Citations
25	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	10	99
24	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 ,	7.9	55
23	Electrical conductivity properties of expanded graphite/polycarbonatediol polyurethane composites. <i>Polymer International</i> , 2015 , 64, 284-292	3.3	26
22	Effect of the Dipole-Dipole Interactions in the Molecular Dynamics of Poly(vinylpyrrolidone)-Based Copolymers. <i>Macromolecules</i> , 2014 , 47, 5334-5346	5.5	22
21	Monitoring molecular dynamics of bacterial cellulose composites reinforced with graphene oxide by carboxymethyl cellulose addition. <i>Carbohydrate Polymers</i> , 2017 , 157, 353-360	10.3	21
20	An experimental study of dynamic behaviour of graphite/polycarbonatediol polyurethane composites for protective coatings. <i>Applied Surface Science</i> , 2013 , 275, 295-302	6.7	19
19	Electrical conductivity of natural rubber/cellulose II nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 2014 , 405, 180-187	3.9	18
18	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	5.5	17
17	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	3	13
16	Molecular dynamics of carrageenan composites reinforced with Cloisite Na montmorillonite nanoclay. <i>Carbohydrate Polymers</i> , 2017 , 176, 117-126	10.3	11
15	Theoretical modelling and experimental results of electromechanical actuation of an elastomer. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 235305	3	11
14	Dipolar and Ionic Relaxations of Polymers Containing Polar Conformationally Versatile Side Chains. <i>Macromolecules</i> , 2010 , 43, 5723-5733	5.5	11
13	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 ⁶		10
12	Effect of Chitin Whiskers on the Molecular Dynamics of Carrageenan-Based Nanocomposites. <i>Polymers</i> , 2019 , 11,	4.5	10
11	Thermal and dielectric properties of polycarbonatediol polyurethane. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	10
10	Effect of slight crosslinking on the mechanical relaxation behavior of poly(2-ethoxyethyl methacrylate) chains. <i>European Polymer Journal</i> , 2013 , 49, 1495-1502	5.2	6
9	Controlling dielectrical properties of polymer blends through defined PEDOT nanostructures. <i>RSC Advances</i> , 2016 , 6, 62024-62030	3.7	4

8	Conductivity and Time-Temperature Correspondence in Polar Viscoelastic Liquids. <i>Macromolecules</i> , 2013 , 46, 3167-3175	5.5	4
7	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, 5730-40	3.4	3
6	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, 7171-80	3.6	2
5	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	3.3	2
4	Molecular Dynamics of Functional Azide-Containing Acrylic Films. <i>Polymers</i> , 2018 , 10,	4.5	2
3	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	2.9	1
2	Thermal and dielectric characterization of multi-walled carbon nanotubes/thermoplastic polyurethanes composites. <i>Polymer Science - Series A</i> , 2017 , 59, 543-553	1.2	
1	Study of the Thermal, Dielectric and Mechanical Properties of Poly(Methyl Methacrylate-co-(1,4,7,10-Tetraoxacyclododecan-2-yl)Methyl Methacrylate) Membranes. <i>Procedia Engineering</i> , 2012 , 44, 1534-1538		