

Maria Teresa Cidade

List of Publications by Year in descending order

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71
papers

1,293
citations

430874

18
h-index

395702

33
g-index

72
all docs

72
docs citations

72
times ranked

1652
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical adhesives: Systematic review of the main types and development forecast. <i>Progress in Polymer Science</i> , 2012, 37, 1031-1050.	24.7	293
2	Combined effect of superplasticizer, silica fume and temperature in the performance of natural hydraulic lime grouts. <i>Construction and Building Materials</i> , 2014, 50, 584-597.	7.2	86
3	Fatigue resistance of asphalt binders: Assessment of the analysis methods in strain-controlled tests. <i>Construction and Building Materials</i> , 2015, 98, 703-712.	7.2	73
4	Effect of environmental temperature and fly ash addition in hydraulic lime grout behaviour. <i>Construction and Building Materials</i> , 2010, 24, 1511-1517.	7.2	56
5	Tribological behaviour of novel chemically modified biopolymer-thickened lubricating greases investigated in a steel-steel rotating ball-on-three plates tribology cell. <i>Tribology International</i> , 2016, 94, 652-660.	5.9	44
6	Injectable Hydrogels Based on Pluronic/Water Systems Filled with Alginate Microparticles for Biomedical Applications. <i>Materials</i> , 2019, 12, 1083.	2.9	43
7	Evolution of morphological and rheological properties along the extruder length for blends of a commercial liquid crystalline polymer and polypropylene. <i>Polymer</i> , 2004, 45, 2367-2380.	3.8	42
8	Shear induced textures of thermotropic acetoxypolypropylcellulose. <i>Journal of Rheology</i> , 1997, 41, 1247-1260.	2.6	36
9	The use of rheology in the study of the composition effects on the fresh behaviour of hydraulic lime grouts for injection of masonry walls. <i>Rheologica Acta</i> , 2013, 52, 127-138.	2.4	30
10	Electro-rheology study of a series of liquid crystal cyanobiphenyls: experimental and theoretical treatment. <i>Liquid Crystals</i> , 2012, 39, 25-37.	2.2	29
11	Study of the effect of filler on the fatigue behaviour of bitumen-filler mastics under DSR testing. <i>Construction and Building Materials</i> , 2017, 155, 228-238.	7.2	27
12	Evolution of the morphological and rheological properties along the extruder length for compatibilized blends of a commercial liquid-crystalline polymer and polypropylene. <i>Journal of Applied Polymer Science</i> , 2006, 99, 347-359.	2.6	26
13	Cellulose acetate reverse osmosis membranes: Optimization of the composition. <i>Journal of Applied Polymer Science</i> , 2006, 100, 4052-4058.	2.6	26
14	Composites and FRP-Strengthened Beams Subjected to Dry/Wet and Salt Fog Cycles. <i>Journal of Materials in Civil Engineering</i> , 2014, 26, .	2.9	25
15	Electrorheological properties of polyaniline-vanadium oxide nanostructures suspended in silicone oil. <i>Smart Materials and Structures</i> , 2014, 23, 105012.	3.5	24
16	Cross-linked hydroxypropylcellulose films: mechanical behaviour and electro-optical properties of PDLC type cells. <i>Optical Materials</i> , 2002, 20, 97-100.	3.6	20
17	Cellulose acetate reverse osmosis membranes: Optimization of preparation parameters. <i>Journal of Applied Polymer Science</i> , 2007, 103, 134-139.	2.6	20
18	Preparation and characterization of cellulose nanocomposite hydrogels as functional electrolytes. <i>Solid State Ionics</i> , 2013, 242, 26-32.	2.7	19

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19	Polyurea dendrimer for efficient cytosolic siRNA delivery. RSC Advances, 2014, 4, 54872-54878.	3.6	19
20	A New Long-Term Composite Drug Delivery System Based on Thermo-Responsive Hydrogel and Nanoclay. Nanomaterials, 2021, 11, 25.	4.1	17
21	Rheological behaviour of hydraulic lime-based grouts. Shear-time and temperature dependence. Mechanics of Time-Dependent Materials, 2013, 17, 223-242.	4.4	16
22	Tailoring thermoresponsive microbeads in supercritical carbon dioxide for biomedical applications. Journal of Supercritical Fluids, 2011, 56, 292-298.	3.2	14
23	CONTRIBUTION TO THE DESIGN OF HYDRAULIC LIME-BASED GROUTS FOR MASONRY CONSOLIDATION. Journal of Civil Engineering and Management, 2015, 21, 698-709.	3.5	14
24	Experimental Characterization of Injection Grouts Incorporating Hydrophobic Silica Fume. Journal of Materials in Civil Engineering, 2017, 29, .	2.9	14
25	Rheology of Natural Hydraulic Lime Grouts for Conservation of Stone Masonry—Influence of Compositional and Processing Parameters. Fluids, 2019, 4, 13.	1.7	14
26	Experimental Study and Modeling of Rheological and Mechanical Properties of NHL Grouts. Journal of Materials in Civil Engineering, 2015, 27, 04015055.	2.9	12
27	The electrorheological performance of polyaniline-based hybrid particles suspensions in silicone oil: influence of the dispersing medium viscosity. Smart Materials and Structures, 2018, 27, 075001.	3.5	12
28	Investigation of the band texture occurring in acetoxypopylcellulose thermotropic liquid crystalline polymer using rheo-optical, rheological and light scattering techniques. Rheologica Acta, 1999, 38, 594-605.	2.4	11
29	Rheological characterisation of a liquid-crystalline diol and its dependence with an applied electric field. Liquid Crystals, 2012, 39, 191-197.	2.2	11
30	Development of food emulsions containing an advanced performance xanthan gum by microfluidization technique. Food Science and Technology International, 2018, 24, 373-381.	2.2	11
31	Preliminary Insights into Electro-Sensitive Ecolubricants: A Comparative Analysis Based on Nanocelluloses and Nanosilicates in Castor Oil. Processes, 2020, 8, 1060.	2.8	11
32	Injectable Composite Systems Based on Microparticles in Hydrogels for Bioactive Cargo Controlled Delivery. Gels, 2021, 7, 147.	4.5	11
33	Synthesis and characterization of novel liquidcrystalline polyurethanes. Liquid Crystals, 1993, 13, 295-300.	2.2	10
34	Rheological Properties of Acetoxypopylcellulose in the Thermotropic Chiral Nematic Phase. Molecular Crystals and Liquid Crystals, 1995, 261, 617-625.	0.3	10
35	An electro-rheological study of the nematic liquid crystal 4- <i>n</i> -heptyl-4'-cyanobiphenyl. Liquid Crystals, 2010, 37, 1305-1311.	2.2	10
36	Grouts with Improved Durability for Masonry Consolidation: An Experimental Study with Non-Standard Specimens. Key Engineering Materials, 0, 747, 480-487.	0.4	10

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37	Electro-Optical Properties of Cellulose Based PDLC Type Cells: Dependence on the Type of Diisocyanate Cross-Linking Agent Used. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 368, 121-128.	0.3	9
38	Electrorheological behaviour of suspensions in silicone oil of doped polyaniline nanostructures containing carbon nanoparticles. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 755-763.	2.5	9
39	Injectable hydrogels with two different rates of drug release based on pluronic/water system filled with poly(μ -caprolactone) microcapsules. <i>Journal of Materials Science</i> , 2021, 56, 13416-13428.	3.7	9
40	Flexible cellulose derivative PDLC type cells. <i>Liquid Crystals</i> , 2002, 29, 475-477.	2.2	8
41	Influence of type of compatibilizer on the rheological and mechanical behavior of LCP/TP blends under different stationary and nonstationary shear conditions. <i>Journal of Applied Polymer Science</i> , 2005, 98, 694-703.	2.6	8
42	PVT and oscillatory tests to analyze pressure effects on polypropylene/Rodrun LC3000 blends: Determination of the pressure dependency of the viscosity. <i>Polymer Testing</i> , 2012, 31, 290-296.	4.8	8
43	Electrorheological behavior of suspensions of camphorsulfonic acid (CSA) doped polyaniline nanofibers in silicone oil. <i>Physica Scripta</i> , 2017, 92, 075801.	2.5	8
44	Evaluation of Different Methods for the Estimation of the Bitumen Fatigue Life with DSR Testing. <i>RILEM Bookseries</i> , 2016, , 1017-1028.	0.4	7
45	Design of calamitic self-assembling reactive mesogenic units: mesomorphic behaviour and rheological characterisation. <i>Liquid Crystals</i> , 2018, 45, 561-573.	2.2	7
46	PP/LCP Blends: Influence of the LCP Content on the Mechanical, Rheological and Morphological Properties. <i>Materials Science Forum</i> , 2004, 455-456, 476-479.	0.3	6
47	Optimisation of Rodrun LC3000/PP Compatibilised Blends: Influence of the Compatibiliser and LCP Contents on the Rheological, Morphological and Mechanical Properties. <i>Journal of Polymer Engineering</i> , 2006, 26, .	1.4	6
48	Electrorheological characterization of dispersions in silicone oil of encapsulated liquid crystal 4-n-pentyl-4'-cyanobiphenyl in polyvinyl alcohol and in silica. <i>Physica Scripta</i> , 2015, 90, 035802.	2.5	6
49	Photorheological Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2015, 119, 6680-6685.	2.6	6
50	Uniaxial extensional flow behavior of immiscible and compatibilized polypropylene/liquid crystalline polymer blends. <i>Rheologica Acta</i> , 2006, 45, 281-289.	2.4	5
51	Influence of processing conditions on the morphological and mechanical properties of compatibilized PP/LCP blends. <i>Journal of Applied Polymer Science</i> , 2007, 105, 1521-1532.	2.6	5
52	A Study of Rodrun LC3000/PP Blends Under Different Stationary and Non-Stationary Shear Conditions: The Influence of LCP Content and Processing Temperature. <i>Journal of Polymer Engineering</i> , 2005, 25, .	1.4	4
53	Pressure-volume-temperature results and pressure dependency on the viscosity of three liquid crystalline cellulose derivatives. <i>Liquid Crystals</i> , 2012, 39, 115-120.	2.2	4
54	Time-dependent behavior in analyte-, temperature-, and shear-sensitive Pluronic PE9400/water systems. <i>Colloid and Polymer Science</i> , 2018, 296, 1515-1522.	2.1	4

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55	Effects of Polypropylene Fibers and Measurement Methods on the Yield Stress of Grouts for the Consolidation of Heritage Masonry Walls. <i>Fluids</i> , 2020, 5, 53.	1.7	4
56	Light Scattering Studies in Cellulose Derivative Based PDLC Type Cells. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 359, 79-88.	0.3	3
57	Composite systems for flexible display applications from cellulose derivatives. <i>Synthetic Metals</i> , 2002, 127, 111-114.	3.9	3
58	Experimental Assessment of Geopolymer Grouts for Stone Masonry Strengthening. <i>Key Engineering Materials</i> , 0, 817, 507-513.	0.4	3
59	Temperature Dependence of the Rheological Properties of Acetoxypopylcellulose in the Thermotropic Chiral Nematic Phase. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 348, 27-39.	0.3	2
60	RHEOLOGICAL PROPERTIES OF LYOTROPIC SOLUTIONS OF ACETOXYPROPYLCELLULOSE IN DIMETHYLACETAMIDE. A COMPARISON WITH THE THERMOTROPIC CASE. <i>Molecular Crystals and Liquid Crystals</i> , 2003, 404, 95-105.	0.9	2
61	Experimental results for the rheological and rheo-optical behavior of poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 1280-1287.	2.6	2
62	Influence to the performance of cellulose acetate reverse osmosis membranes by fibers addition. <i>Journal of Applied Polymer Science</i> , 2008, 109, 2321-2328.	2.6	2
63	Performance improvement of hydraulic lime based grouts for masonry consolidation: an experimental study. , 2013, , .		2
64	Optimization of sonication parameters to obtain food emulsions stabilized by zein: formation of zein-diutan gum/zein-guar gum complexes. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 2127-2134.	3.5	2
65	Preparation and liquid-crystalline properties of toluene-4-sulphonyl urethane of hydroxypropylcellulose. <i>Liquid Crystals</i> , 1993, 14, 653-659.	2.2	1
66	Experimental Results on Fourier Transform Rheology of PBLG/m-cresol and HPC/Water Liquid Crystalline Solutions. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 495, 247/[599]-258/[610].	0.9	1
67	Experimental Results on Electrorheology of Liquid Crystalline Polymer Solutions. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	1
68	Preliminary Results on UV and High Temperature Exposure Effects on the Electro-Optical Properties of Cellulose Derivatives Based PDLC Type Cells. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 351, 61-68.	0.3	0
69	Synthesis of compatibilizers and characterization of the compatibilized and noncompatibilized blends of PP/Rodrun LC3000. <i>Journal of Applied Polymer Science</i> , 2007, 104, 3001-3009.	2.6	0
70	Editorial for Special Issue "Advances in Experimental and Computational Rheology". <i>Fluids</i> , 2019, 4, 131.	1.7	0
71	Editorial for Special Issue "Advances in Experimental and Computational Rheology, Volume II". <i>Fluids</i> , 2020, 5, 163.	1.7	0