

Javier Pozuelo

List of Publications by Year in descending order

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30
papers

1,185
citations

535685

17
h-index

563245

28
g-index

30
all docs

30
docs citations

30
times ranked

2222
citing authors

#	ARTICLE	IF	CITATIONS
1	High Ampacity Carbon Nanotube Materials. <i>Nanomaterials</i> , 2019, 9, 383.	1.9	11
2	Modulating the electromagnetic shielding mechanisms by thermal treatment of high porosity graphene aerogels. <i>Carbon</i> , 2019, 147, 27-34.	5.4	38
3	Electromagnetic Shielding Materials in GHz Range. <i>Chemical Record</i> , 2018, 18, 1000-1009.	2.9	105
4	Carbon nanotube scaffolds with controlled porosity as electromagnetic absorbing materials in the gigahertz range. <i>Nanoscale</i> , 2016, 8, 10724-10730.	2.8	42
5	High porosity scaffold composites of graphene and carbon nanotubes as microwave absorbing materials. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8575-8582.	2.7	53
6	Advanced Self-Healing Asphalt Composites in the Pavement Performance Field: Mechanisms at the Nano Level and New Repairing Methodologies. <i>Recent Patents on Nanotechnology</i> , 2015, 9, 43-50.	0.7	41
7	Oxygen and ionic transport in hydrogel and silicone-hydrogel contact lens materials: An experimental and theoretical study. <i>Journal of Membrane Science</i> , 2014, 452, 62-72.	4.1	61
8	Synergistic effect of magnetite nanoparticles and carbon nanofibres in electromagnetic absorbing composites. <i>Carbon</i> , 2014, 74, 63-72.	5.4	82
9	Ultra-light carbon nanotube sponge as an efficient electromagnetic shielding material in the GHz range. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 8, 698-704.	1.2	78
10	Magnetic silica:epoxy composites with a nano- and micro-scale control. <i>Materials Chemistry and Physics</i> , 2014, 144, 335-342.	2.0	6
11	New Insights on the Self-Organization of PEG/ β -Cyclodextrin-Based Polyrotaxanes in Solution: An Experimental and Theoretical Study. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2802-2812.	1.1	3
12	Influence of the Water Content on the Diffusion Coefficients of Li ⁺ and Water across Naphthalenic Based Copolyimide Cation-Exchange Membranes. <i>Journal of Physical Chemistry B</i> , 2012, 116, 11754-11766.	1.2	10
13	Magnetic nanocomposites based on hydrogenated epoxy resin. <i>Materials Chemistry and Physics</i> , 2012, 132, 618-624.	2.0	21
14	Fluorescence of Polymers at Interfaces: Polymerization, Relaxations, and Imaging. <i>Reviews in Fluorescence</i> , 2012, , 311-347.	0.5	2
15	Preparation of cycloaliphatic epoxy hybrids with non-conventional amine-curing agents. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 103, 717-723.	2.0	15
16	Interphases in Graphene Polymer-Based Nanocomposites: Achievements and Challenges. <i>Advanced Materials</i> , 2011, 23, 5302-5310.	11.1	272
17	Synthesis of novel nanoreinforcements for polymer matrices by ATRP: Triblock poly(rotaxan)s based in polyethyleneglycol end-caped with poly(methyl methacrylate). <i>Polymer</i> , 2009, 50, 5884-5891.	1.8	6
18	Simulation and Experimental Studies on Proton Diffusion in Polyelectrolytes Based on Sulfonated Naphthalenic Copolyimides. <i>Macromolecules</i> , 2009, 42, 6572-6580.	2.2	30

#	ARTICLE	IF	CITATIONS
19	Simulations of gas transport in membranes based on polynorbornenes functionalized with substituted imide side groups. <i>Journal of Membrane Science</i> , 2008, 310, 474-483.	4.1	14
20	Molecular Dynamics Simulations of Proton Conduction in Sulfonated Poly(phenyl sulfone)s. <i>Macromolecules</i> , 2006, 39, 8862-8866.	2.2	40
21	Curing of polymer matrix composites. <i>Journal of Materials Processing Technology</i> , 2003, 143-144, 332-336.	3.1	7
22	Conformations and mobility of polyethylene and trans -polyacetylene chains confined in β -cyclodextrins channels. <i>Polymer</i> , 2002, 43, 523-531.	1.8	17
23	Glass transition temperature of low molecular weight poly(3-aminopropyl methyl siloxane). A molecular dynamics study. <i>Polymer</i> , 2002, 43, 6049-6055.	1.8	30
24	Host/Guest Simulation of Fluorescent Probes Adsorbed into Low-Density Polyethylene, 1. Excimer Formation of 1,3-Di(1-pyrenyl)propane. <i>Macromolecular Theory and Simulations</i> , 2001, 10, 808-815.	0.6	2
25	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999, 35, 467-485.	1.6	19
26	Inclusion Complexes of Chain Molecules with Cycloamyloses III. Molecular Dynamics Simulations of Polyrotaxanes Formed by Poly(propylene glycol) and β -Cyclodextrins. <i>Polymer Journal</i> , 1998, 30, 479-484.	1.3	39
27	Inclusion Complexes of Chain Molecules with Cycloamyloses. 2. Molecular Dynamics Simulations of Polyrotaxanes Formed by Poly(ethylene glycol) and β -Cyclodextrins. <i>Macromolecules</i> , 1997, 30, 3685-3690.	2.2	73
28	Molecular Mechanics Study of the Inclusion Complexes of 2-Methyl Naphthoate with β - and γ -Cyclodextrins. <i>Journal of Colloid and Interface Science</i> , 1997, 193, 112-120.	5.0	46
29	Intramolecular excimer formation in naphthalene-containing polyesters. Bichromophoric model compounds derived from phthalic, succinic or malonic acid and 2-hydroxynaphthalene or 2-hydroxymethylnaphthalene. <i>Macromolecular Chemistry and Physics</i> , 1995, 196, 1779-1790.	1.1	0
30	Carbon Nanotube Composites as Electromagnetic Shielding Materials in GHz Range. , 0, , .		22