

Emmanuel Logakis

List of Publications by Year in descending order

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26
papers

1,481
citations

430874

18
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

2002
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron nitride filled epoxy with improved thermal conductivity and dielectric breakdown strength. <i>Composites Science and Technology</i> , 2015, 110, 152-158.	7.8	192
2	Structure-property relationships in isotactic polypropylene/multi-walled carbon nanotubes nanocomposites. <i>Composites Science and Technology</i> , 2010, 70, 328-335.	7.8	168
3	Highly conducting poly(methyl methacrylate)/carbon nanotubes composites: Investigation on their thermal, dynamic-mechanical, electrical and dielectric properties. <i>Composites Science and Technology</i> , 2011, 71, 854-862.	7.8	143
4	Electrical/dielectric properties and conduction mechanism in melt processed polyamide/multi-walled carbon nanotubes composites. <i>Polymer</i> , 2009, 50, 5103-5111.	3.8	142
5	A comparative study on the electrical and mechanical behaviour of multi-walled carbon nanotube composites prepared by diluting a masterbatch with various types of polypropylenes. <i>Journal of Applied Polymer Science</i> , 2009, 113, 2536-2551.	2.6	141
6	Structure-property relationships in polyamide 6/multi-walled carbon nanotubes nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 764-774.	2.1	113
7	Low electrical percolation threshold in poly(ethylene terephthalate)/multi-walled carbon nanotube nanocomposites. <i>European Polymer Journal</i> , 2010, 46, 928-936.	5.4	99
8	Structural, mechanical and electrical characterization of epoxy-amine/carbon black nanocomposites. <i>EXPRESS Polymer Letters</i> , 2008, 2, 364-372.	2.1	97
9	The use of an electric field in the preparation of glass fibre/epoxy composites containing carbon nanotubes. <i>Carbon</i> , 2012, 50, 2493-2503.	10.3	46
10	Polymer dynamics in rubbery epoxy networks/polyhedral oligomeric silsesquioxanes nanocomposites. <i>Journal of Applied Polymer Science</i> , 2009, 113, 2569-2582.	2.6	42
11	Effects of processing conditions on rheological, thermal, and electrical properties of multiwall carbon nanotube/epoxy resin composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011, 49, 431-442.	2.1	41
12	Glass transition and polymer dynamics in silver/poly(methyl methacrylate) nanocomposites. <i>European Polymer Journal</i> , 2011, 47, 1514-1525.	5.4	39
13	Long-term conductivity decrease of polyethylene and polypropylene insulation materials. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2017, 24, 1485-1493.	2.9	34
14	Polyimide/silica nanocomposites with low values of dielectric permittivity. <i>Journal of Physics: Conference Series</i> , 2005, 10, 139-142.	0.4	31
15	Preparation and properties of multiwalled carbon nanotube/epoxy-amine composites. <i>Journal of Applied Polymer Science</i> , 2013, 127, 3063-3073.	2.6	29
16	Morphology, microhardness, and electrical properties of composites based on polypropylene, montmorillonite, and polypyrrole. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 407-423.	2.1	26
17	Indirect methods for the determination of optimal processing conditions in conductive polypropylene/carbon nanotubes composites. <i>Chemical Physics Letters</i> , 2010, 498, 125-128.	2.6	24
18	Influence of surface treatment of multiwall carbon nanotubes on the properties of polypropylene/carbon nanotubes nanocomposites. <i>Polymers for Advanced Technologies</i> , 2011, 22, 38-47.	3.2	23

#	ARTICLE	IF	CITATIONS
19	Morphological, Thermal, and Electrical Characterization of Syndiotactic Polypropylene/Multiwalled Carbon Nanotube Composites. <i>Journal of Macromolecular Science - Physics</i> , 2010, 49, 1044-1056.	1.0	16
20	Electric characterization of LDPE films with TSC and dielectric spectroscopy. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2016, 23, 142-148.	2.9	11
21	Surface charge decay on HVDC insulators: Temperature and Field effects. , 2013, , .		8
22	Dielectric spectroscopy and thermally stimulated depolarization current investigations in low density polyethylene. , 2013, , .		6
23	Glass as dielectric for high temperature power capacitors. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1679, 20.	0.1	5
24	The generic conduction model for solid polymer HVDC insulation material. , 2013, , .		3
25	PTC Effect and Structure of Polymer Composites Based on Polypropylene/Co-Polyamide Blend Filled with Dispersed Iron. , 0, , .		1
26	Electrical and chemical characterization of thin epoxy layers for high voltage applications. , 2014, , .		1