

Miguel Mudarra Lopez

List of Publications by Year in descending order

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19
papers

443
citations

686830

13
h-index

794141

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19
all docs

19
docs citations

19
times ranked

406
citing authors

#	ARTICLE	IF	CITATIONS
1	Broad-band electrical conductivity of carbon nanofibre-reinforced polypropylene foams. Carbon, 2011, 49, 708-717.	5.4	96
2	TSC study of the polar and free charge peaks of amorphous polymers. IEEE Transactions on Electrical Insulation, 1993, 28, 287-293.	0.8	38
3	Thermally stimulated depolarization currents of crosslinked polyethylene relaxations in the fusion range of temperatures. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 1412-1421.	2.4	36
4	Comparative study of amorphous and partially crystalline poly(ethylene-2,6-naphthalene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (1.8	35
5	Glass transition studies in physically aged partially crystalline poly(ethylene terephthalate) by TSC. Polymer, 1999, 40, 5355-5363.	1.8	34
6	Windowing polarization: considerations for the study of the space charge relaxation in poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (1.8	28
7	A relaxational and conductive study on two poly(ether imide)s. Polymer International, 2004, 53, 1368-1377.	1.6	28
8	Annealing effect on the conductivity of XLPE insulation in power cable. IEEE Transactions on Dielectrics and Electrical Insulation, 2011, 18, 1554-1561.	1.8	21
9	Study of poly(methyl methacrylate) relaxations by thermally stimulated depolarization currents and the thermal step method. Polymer, 1999, 40, 6977-6983.	1.8	20
10	Space charge studies of crosslinked polyethylene midvoltage cable insulation by thermally stimulated depolarization current, infrared/Fourier transform infrared, and scanning electron microscopy. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 4164-4174.	2.4	17
11	Study of dispersive mobility in polyimide by surface voltage decay measurements. Polymer, 2008, 49, 2440-2443.	1.8	17
12	TSDC study of XLPE recrystallization effects in the melting range of temperatures. Journal Physics D: Applied Physics, 2006, 39, 1932-1938.	1.3	16
13	Sublinear dispersive conductivity in polymethyl methacrylate at temperatures above the glass transition. Polymer, 2004, 45, 2737-2742.	1.8	14
14	TSDC study of the glass transition: correlation with calorimetric data. Journal Physics D: Applied Physics, 2007, 40, 1138-1145.	1.3	9
15	Effect of annealing on conductivity in XLPE mid-voltage cable insulation. Journal of Electrostatics, 2007, 65, 122-131.	1.0	9
16	Study of an initial transient relaxation in XLPE cable insulation by TSDC and PEA. IEEE Transactions on Dielectrics and Electrical Insulation, 2011, 18, 2074-2082.	1.8	9
17	Study Analysis of Thermal, Dielectric, and Functional Characteristics of an Ethylene Polyethylene Diene Monomer Blended with End-of-Life Tire Microparticles Amounts. Polymers, 2021, 13, 509.	2.0	6
18	Dielectric study of the glass transition of PET/PEN blends. Journal Physics D: Applied Physics, 2012, 45, 505301.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Sublinear dispersive conductivity in polyetherimides by the electric modulus formalism. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 3327-3333.	1.8	5