

Juan Carlos Cañadas Lorenzo

List of Publications by Year in descending order

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37
papers

608
citations

516215

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h-index

610482

24
g-index

37
all docs

37
docs citations

37
times ranked

397
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of UV radiation on the charge trapping capability of PET. Journal Physics D: Applied Physics, 2019, 52, 155301.	1.3	4
2	Influence of internal flexibility on the double glass transition in a series of odd non-symmetric liquid crystal dimers characterised by dielectric measurements. Liquid Crystals, 2017, 44, 1007-1022.	0.9	7
3	Sublinear dispersive conductivity in polyetherimides by the electric modulus formalism. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 3327-3333.	1.8	5
4	Charge storage and retention in electret dielectric layers for energy harvesting applications. , 2014, , .		0
5	Effect of humidity in charge formation and transport in LDPE. Journal of Electrostatics, 2013, 71, 611-617.	1.0	9
6	A free accessible individual-based simulator enabling virtual experiments on soil organic matter processes in classroom. Journal of Technology and Science Education, 2013, 3, .	0.5	2
7	Dielectric study of the glass transition of PET/PEN blends. Journal Physics D: Applied Physics, 2012, 45, 505301.	1.3	5
8	Influence of EVA-carbon black based SC-shield in free charge in LDPE. , 2011, , .		8
9	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
10	Identification of dipolar relaxations in dielectric spectra of mid-voltage cross-linked polyethylene cables. Journal of Electrostatics, 2011, 69, 119-125.	1.0	7
11	Method to distinguish between space-charge and dipolar relaxation in the TSDC spectra of polyethylene electrical insulation. , 2010, , .		1
12	INDISIM-YEAST: an individual-based simulator on a website for experimenting and investigating diverse dynamics of yeast populations in liquid media. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 1359-1366.	1.4	14
13	TSDC study of the glass transition: correlation with calorimetric data. Journal Physics D: Applied Physics, 2007, 40, 1138-1145.	1.3	9
14	Effect of annealing on conductivity in XLPE mid-voltage cable insulation. Journal of Electrostatics, 2007, 65, 122-131.	1.0	9
15	TSDC study of XLPE recrystallization effects in the melting range of temperatures. Journal Physics D: Applied Physics, 2006, 39, 1932-1938.	1.3	16
16	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
17	A relaxational and conductive study on two poly(ether imide)s. Polymer International, 2004, 53, 1368-1377.	1.6	28
18	Sublinear dispersive conductivity in polymethyl methacrylate at temperatures above the glass transition. Polymer, 2004, 45, 2737-2742.	1.8	14

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19	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
20	Study of space charge relaxation in PMMA at high temperatures by dynamic electrical analysis. Polymer, 2001, 42, 1647-1651.	1.8	29
21	Cold crystallization effects in free charge relaxation in PET and PEN. Polymer, 2000, 41, 8393-8400.	1.8	19
22	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
23	Space charge relaxation in polyetherimides by the electric modulus formalism. Journal of Applied Physics, 2000, 88, 4807.	1.1	28
24	Relaxational study of poly(ethylene-2,6-naphthalene dicarboxylate) by t.s.d.c., d.e.a. and d.m.a.. Polymer, 1999, 40, 1181-1190.	1.8	46
25	Windowing polarization: considerations for the study of the space charge relaxation in poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	28
26	Glass transition studies in physically aged partially crystalline poly(ethylene terephthalate) by TSC. Polymer, 1999, 40, 5355-5363.	1.8	34
27	Polarization time effect on PMMA space-charge relaxation by TSDC. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 1971-1980.	2.4	15
28	Comparative study of mechanical and electrical relaxations in poly(etherimide). Part 1. Polymer International, 1998, 46, 11-19.	1.6	36
29	Comparative study of mechanical and electrical relaxations in poly(etherimide). Part 2. Polymer International, 1998, 46, 20-28.	1.6	21
30	Physical ageing studies in polyetherimide ULTEM 1000. Polymer International, 1998, 46, 29-32.	1.6	31
31	Comparative TSPC, TSDC and DSC physical ageing studies on PET-a. Polymer, 1998, 39, 2795-2801.	1.8	26
32	Behaviour of amorphous poly(ethylene terephthalate) annealed at $T < T_g$ by thermally stimulated currents. Journal of Materials Science, 1993, 28, 3805-3808.	1.7	8
33	TSC study of the polar and free charge peaks of amorphous polymers. IEEE Transactions on Electrical Insulation, 1993, 28, 287-293.	0.8	38
34	The windowing polarization technique and its possibilities in the study of conduction mechanisms in polymers. , 0, , .		1
35	Cold crystallization effects in PET and PEN by TSDC, DSC and X-ray diffraction. , 0, , .		0
36	Relaxation of space charge in polyetherimide by dynamic electrical analysis and thermally stimulated depolarization currents. , 0, , .		1

#	ARTICLE	IF	CITATIONS
37	Space charge studies on mid-voltage cable by thermally stimulated depolarization currents in the melting temperature range. , 0 , , .		0