Ioannis M Kalogeras

List of Publications by Year
in descending order

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27	901	623188 14	525886 27
papers	citations	h-index	g-index

29	29	29	1230
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prediction of glass transition temperatures: Binary blends and copolymers. Materials Letters, 2008, 62, 3152-3155.	1.3	315
2	Glass transition temperatures in binary polymer blends. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 80-95.	2.4	105
3	A novel approach for analyzing glass-transition temperature vs. composition patterns: Application to pharmaceutical compound+polymer systems. European Journal of Pharmaceutical Sciences, 2011, 42, 470-483.	1.9	59
4	Evaluation of the dielectric parameters from TSDC spectra: application to polymeric systems. Materials Research Innovations, 2001, 4, 115-125.	1.0	42
5	Free-Space and Intermolecular Interaction Effects on the Local-Chain Rotational Relaxation Dynamics in Dye + Polymer Lasing Materials. Macromolecules, 2004, 37, 1042-1053.	2.2	31
6	Dielectric Probe of Intermolecular Interactions in Poly(methyl methacrylate) (PMMA) and PMMA + SiO2Matrixes Doped with Luminescent Organics. Journal of Physical Chemistry B, 2001, 105, 7651-7662.	1.2	29
7	Dielectric characterization of poly(methyl methacrylate) geometrically confined into mesoporous SiO2glasses. Materials Research Innovations, 2001, 4, 322-333.	1.0	24
8	Glass transitions in binary drug+polymer systems. Materials Letters, 2009, 63, 2666-2668.	1.3	23
9	Description and molecular interpretations of anomalous compositional dependences of the glass transition temperatures in binary organic mixtures. Thermochimica Acta, 2010, 509, 135-146.	1.2	23
10	Contradicting perturbations of the segmental and secondary relaxation dynamics of polymer strands constrained in nanopores. Acta Materialia, 2005, 53, 1621-1630.	3.8	22
11	Dielectric properties of cured epoxy resin+poly(ethylene oxide) blends. Journal of Non-Crystalline Solids, 2005, 351, 2728-2734.	1.5	20
12	Thermophysical Properties and Molecular Relaxations in Cured Epoxy Resinâ€‰+â€‰PEO Blends: Observations on Factors Controlling Miscibility. Macromolecular Chemistry and Physics, 2006, 207, 879-892.	1.1	20
13	Nanoscale Confinement Effects on the Relaxation Dynamics in Networks of Diglycidyl Ether of Bisphenol-A and Low-Molecular-Weight Poly(ethylene oxide). Journal of Physical Chemistry B, 2007, 111, 2774-2782.	1.2	20
14	Side-chain motions in poly(methyl methacrylate)+SiO2 hosts of fluorescent dyes studied by thermally stimulated discharge currents: effects of confinement and blending. Polymer, 2003, 44, 4817-4827.	1.8	15
15	Polarizing-field orientation and thermal treatment effects on the dielectric behavior of fluorapatite. Journal of Applied Physics, 1999, 85, 352-361.	1.1	14
16	Axially dependent dielectric relaxation response of natural hydroxyapatite single crystals. Journal of Applied Physics, 2002, 92, 406-414.	1.1	14
17	Thermally stimulated currents of poly(methyl methacrylate): Comments on the molecular origin of a Debye-type signal between the Î±- and Î²-relaxation modes. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 702-713.	2.4	13
18	Effects of blending with fluorescing molecules on the dynamics of the Î², Î±, and Î±â€² relaxations observed in poly(methyl methacrylate). Applied Physics Letters, 2006, 89, 172905.	1.5	11

#	Article	IF	Citations
19	Encapsulation of hydrophobic drugs in a copolymer: Glass transition behavior and miscibility evaluation. Polymer Engineering and Science, 2011, 51, 1456-1465.	1.5	10
20	Thermal analysis studies of doping effects on the conformational motions of polymer chains in solid solutions with lasing molecules. Journal of Applied Physics, 2007, 101, 094108.	1.1	9
21	The diverse effect of antiplasticizer in the molecular dynamics of an organic dye-doped polymer observed at different motional lengthscales. European Polymer Journal, 2009, 45, 1377-1384.	2.6	8
22	Physical and chemical effects on the dynamics of the Î²-relaxation of PMMA in Rhodamine 6G+PMMA+SiO2 matrices. Materials Research Innovations, 2002, 6, 198-205.	1.0	5
23	Sub-glassy relaxation modes in PMMA and PMMA + SiO2 hosts of non-polar perylene derivatives. Materials Research Innovations, 2003, 7, 263-268.	1.0	4
24	Dehydrationâ€induced structural relaxation effects in poly(methyl methacrylate). Macromolecular Symposia, 1999, 148, 285-299.	0.4	3
25	A TSD current dielectric investigation of the effects of xanthene and perylene dye incorporation in PMMA. Macromolecular Symposia, 1999, 148, 301-309.	0.4	2
26	Comparative dielectric studies of segmental mobility in novel polyurethanes. E-Polymers, 2004, 4, .	1.3	1
27	Comparative Dielectric Studies Of Segmental Mobility In Novel Poly- urethanes. Materials Research Innovations, 2004, 8, 132-133.	1.0	1