

# Ioannis M Kalogeras

## List of Publications by Year in descending order

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27  
papers

901  
citations

623188

14  
h-index

525886

27  
g-index

29  
all docs

29  
docs citations

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times ranked

1230  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel approach for analyzing glass-transition temperature vs. composition patterns: Application to pharmaceutical compound+polymer systems. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 42, 470-483.	1.9	59
2	Encapsulation of hydrophobic drugs in a copolymer: Glass transition behavior and miscibility evaluation. <i>Polymer Engineering and Science</i> , 2011, 51, 1456-1465.	1.5	10
3	Description and molecular interpretations of anomalous compositional dependences of the glass transition temperatures in binary organic mixtures. <i>Thermochimica Acta</i> , 2010, 509, 135-146.	1.2	23
4	Glass transitions in binary drug+polymer systems. <i>Materials Letters</i> , 2009, 63, 2666-2668.	1.3	23
5	Glass transition temperatures in binary polymer blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 80-95.	2.4	105
6	The diverse effect of antiplasticizer in the molecular dynamics of an organic dye-doped polymer observed at different motional lengthscales. <i>European Polymer Journal</i> , 2009, 45, 1377-1384.	2.6	8
7	Prediction of glass transition temperatures: Binary blends and copolymers. <i>Materials Letters</i> , 2008, 62, 3152-3155.	1.3	315
8	Thermal analysis studies of doping effects on the conformational motions of polymer chains in solid solutions with lasing molecules. <i>Journal of Applied Physics</i> , 2007, 101, 094108.	1.1	9
9	Nanoscale Confinement Effects on the Relaxation Dynamics in Networks of Diglycidyl Ether of Bisphenol-A and Low-Molecular-Weight Poly(ethylene oxide). <i>Journal of Physical Chemistry B</i> , 2007, 111, 2774-2782.	1.2	20
10	Thermophysical Properties and Molecular Relaxations in Cured Epoxy Resin+PEO Blends: Observations on Factors Controlling Miscibility. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 879-892.	1.1	20
11	Effects of blending with fluorescing molecules on the dynamics of the $\hat{\Gamma}^2$ , $\hat{\Gamma}_{\pm}$ , and $\hat{\Gamma}_{\pm}^2$ relaxations observed in poly(methyl methacrylate). <i>Applied Physics Letters</i> , 2006, 89, 172905.	1.5	11
12	Contradicting perturbations of the segmental and secondary relaxation dynamics of polymer strands constrained in nanopores. <i>Acta Materialia</i> , 2005, 53, 1621-1630.	3.8	22
13	Dielectric properties of cured epoxy resin+poly(ethylene oxide) blends. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 2728-2734.	1.5	20
14	Comparative dielectric studies of segmental mobility in novel polyurethanes. <i>E-Polymers</i> , 2004, 4, .	1.3	1
15	Comparative Dielectric Studies Of Segmental Mobility In Novel Poly- urethanes. <i>Materials Research Innovations</i> , 2004, 8, 132-133.	1.0	1
16	Thermally stimulated currents of poly(methyl methacrylate): Comments on the molecular origin of a Debye-type signal between the $\hat{\Gamma}_{\pm}$ - and $\hat{\Gamma}^2$ -relaxation modes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 702-713.	2.4	13
17	Free-Space and Intermolecular Interaction Effects on the Local-Chain Rotational Relaxation Dynamics in Dye + Polymer Lasing Materials. <i>Macromolecules</i> , 2004, 37, 1042-1053.	2.2	31
18	Sub-glassy relaxation modes in PMMA and PMMA + SiO <sub>2</sub> hosts of non-polar perylene derivatives. <i>Materials Research Innovations</i> , 2003, 7, 263-268.	1.0	4

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19	Side-chain motions in poly(methyl methacrylate)+SiO <sub>2</sub> hosts of fluorescent dyes studied by thermally stimulated discharge currents: effects of confinement and blending. <i>Polymer</i> , 2003, 44, 4817-4827.	1.8	15
20	Physical and chemical effects on the dynamics of the $\hat{\tau}^2$ -relaxation of PMMA in Rhodamine 6G+PMMA+SiO <sub>2</sub> matrices. <i>Materials Research Innovations</i> , 2002, 6, 198-205.	1.0	5
21	Axially dependent dielectric relaxation response of natural hydroxyapatite single crystals. <i>Journal of Applied Physics</i> , 2002, 92, 406-414.	1.1	14
22	Dielectric Probe of Intermolecular Interactions in Poly(methyl methacrylate) (PMMA) and PMMA + SiO <sub>2</sub> Matrixes Doped with Luminescent Organics. <i>Journal of Physical Chemistry B</i> , 2001, 105, 7651-7662.	1.2	29
23	Evaluation of the dielectric parameters from TSDC spectra: application to polymeric systems. <i>Materials Research Innovations</i> , 2001, 4, 115-125.	1.0	42
24	Dielectric characterization of poly(methyl methacrylate) geometrically confined into mesoporous SiO <sub>2</sub> glasses. <i>Materials Research Innovations</i> , 2001, 4, 322-333.	1.0	24
25	Polarizing-field orientation and thermal treatment effects on the dielectric behavior of fluorapatite. <i>Journal of Applied Physics</i> , 1999, 85, 352-361.	1.1	14
26	A TSD current dielectric investigation of the effects of xanthene and perylene dye incorporation in PMMA. <i>Macromolecular Symposia</i> , 1999, 148, 301-309.	0.4	2
27	Dehydration-induced structural relaxation effects in poly(methyl methacrylate). <i>Macromolecular Symposia</i> , 1999, 148, 285-299.	0.4	3