

Athanasios Kanapitsas

List of Publications by Year in descending order

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33
papers

728
citations

471509

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33
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectric studies of molecular mobility and phase morphology in polymer-layered silicate nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 2002, 305, 204-211.	3.1	76
2	Influence of chain extenders and chain end groups on properties of segmented polyurethanes. II. Dielectric study. <i>Polymer</i> , 1998, 39, 3431-3435.	3.8	66
3	Structure-property relationships in segmented polyurethanes with metal chelates in the main chain. <i>European Polymer Journal</i> , 2000, 36, 1113-1126.	5.4	61
4	Influence of chain extenders and chain end groups on properties of segmented polyurethanes. I. Phase morphology. <i>Polymer</i> , 1998, 39, 3425-3429.	3.8	59
5	Electromagnetic wave absorption properties of ternary poly(vinylidene fluoride)/magnetite nanocomposites with carbon nanotubes and graphene. <i>RSC Advances</i> , 2016, 6, 1919-1924.	3.6	47
6	Molecular mobility in polyurethane/styrene-acrylonitrile blends studied by dielectric techniques. <i>European Polymer Journal</i> , 1999, 35, 923-937.	5.4	39
7	Structure and water sorption of polyurethane nanocomposites based on organic and inorganic components. <i>European Polymer Journal</i> , 2004, 40, 2323-2331.	5.4	34
8	Broadband Dielectric Relaxation Spectroscopy in Polymer Nanocomposites. <i>Macromolecular Symposia</i> , 2008, 265, 12-20.	0.7	31
9	Thermodynamic state, temperature transitions, and broadband dielectric relaxation behavior in gradient interpenetrating polymer networks. <i>Journal of Applied Polymer Science</i> , 1998, 68, 161-171.	2.6	30
10	Dielectric relaxation spectroscopy in crosslinked polyurethanes based on polymer polyols. <i>European Polymer Journal</i> , 2000, 36, 1241-1250.	5.4	30
11	Broadband dielectric relaxation spectroscopy in interpenetrating polymer networks of polyurethane-copolymer of butyl methacrylate and dimethacrylate triethylene glycol. <i>Polymer Gels and Networks</i> , 1998, 6, 83-102.	0.6	26
12	Interface states and MWS polarization contributions to the dielectric response of low voltage ZnO varistor. <i>Ceramics International</i> , 2011, 37, 207-214.	4.8	25
13	Barium ferrite/epoxy resin nanocomposite system: Fabrication, dielectric, magnetic and hydration studies. <i>EXPRESS Polymer Letters</i> , 2016, 10, 227-236.	2.1	25
14	Dielectric and conductivity studies of the hydration mechanisms in plant seeds. <i>Biophysical Journal</i> , 1996, 70, 1485-1493.	0.5	24
15	Relaxation phenomena and morphology in polymer blends based on polyurethanes investigated by various thermal analysis techniques. <i>Thermochimica Acta</i> , 2001, 372, 33-38.	2.7	22
16	Probing the microstructure of cement mortars through dielectric parameters variation. <i>Journal of Physics and Chemistry of Solids</i> , 2009, 70, 576-583.	4.0	18
17	AC and DC conductivity correlation: The coefficient of Barton-Nakajima-Namikawa relation. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 1638-1643.	3.1	18
18	Nanostructure and molecular dynamics in rodlike polyimide/flexible-chain polyimide molecular composites. <i>Journal of Macromolecular Science - Physics</i> , 2002, 41, 419-450.	1.0	17

#	ARTICLE	IF	CITATIONS
19	Water sorption and electrical/dielectric properties of organic-inorganic polymer blends. <i>Macromolecular Symposia</i> , 2003, 198, 449-460.	0.7	17
20	Low Temperature Dielectric Relaxations in ZnO Varistor. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 051102.	1.5	9
21	Effect of ZnO Nanoparticles on the Dielectric/Electrical and Thermal Properties of Epoxy-Based Nanocomposites. <i>Science of Advanced Materials</i> , 2015, 7, 588-597.	0.7	8
22	Influence of the structure of soft and stiff chain fragments on properties of segmented polyurethanes. I. Phase morphology. <i>Polymer Engineering and Science</i> , 1999, 39, 1534-1540.	3.1	7
23	Thermoplastic apparent interpenetrating polymer networks of polyurethane and styrene/acrylic acid block copolymer: Structure-property relationships. <i>Journal of Applied Polymer Science</i> , 2006, 101, 1021-1035.	2.6	7
24	Dielectric properties and molecular mobility of organic/inorganic polymer composites. <i>Macromolecular Symposia</i> , 2004, 205, 263-272.	0.7	5
25	Thermal and Mechanical Characterization of Epoxy Resin Nanocomposites. <i>Journal of Advanced Physics</i> , 2013, 2, 25-28.	0.4	5
26	Poly(imide-amide)-poly(ethylene adipate) hybrid networks. II. Dielectric studies. <i>Polymer</i> , 2002, 43, 6955-6963.	3.8	4
27	Thermally activated conduction mechanisms in Silicon Nitride MIS structures. <i>Thin Solid Films</i> , 2010, 518, 2357-2360.	1.8	4
28	Effect of Filler Size on the Thermal Properties of $ER/BaTiO_3$ Composites. <i>Macromolecular Symposia</i> , 2013, 331-332, 189-196.	0.7	4
29	Phase transitions in crystals of racemic long chain 2-amino alcohols. <i>Chemistry and Physics of Lipids</i> , 2005, 135, 83-92.	3.2	3
30	Synthesis and structural peculiarities of 1,1-dimethylhydrazine-based polyurethanes. <i>Journal of Applied Polymer Science</i> , 2009, 112, 2732-2740.	2.6	3
31	Dielectric and hydration properties of segmental polyurethanes. <i>E-Polymers</i> , 2004, 4, .	3.0	2
32	Isothermal depolarization currents measurements of cement mortar during the hardening process. Commentaries on previous work. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 1554-1556.	4.0	1
33	Thermogravimetric and Dielectric Study of $ER/BaTiO_3/ZnO$ Composites. <i>Macromolecular Symposia</i> , 2013, 331-332, 181-188.	0.7	1