

Anton Airinei

List of Publications by Year in descending order

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28
papers

428
citations

759233

12
h-index

752698

20
g-index

28
all docs

28
docs citations

28
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural characteristics of some high density polyethylene/EPDM blends. <i>Polymer Testing</i> , 2013, 32, 187-196.	4.8	45
2	Optical Properties of Some New Azo Photoisomerizable Bismaleimide Derivatives. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6176-6193.	4.1	41
3	Solvatochromic effects in the absorption spectra of some azobenzene compounds. <i>Journal of Molecular Structure</i> , 2008, 887, 216-219.	3.6	38
4	Effects of Electron Beam Irradiation on the Mechanical, Thermal, and Surface Properties of Some EPDM/Butyl Rubber Composites. <i>Polymers</i> , 2018, 10, 1206.	4.5	37
5	SOLVENT INFLUENCE ON THE ELECTRONIC ABSORPTION SPECTRA OF SOME AZOAROMATIC COMPOUNDS. <i>Spectroscopy Letters</i> , 2001, 34, 65-74.	1.0	31
6	Property correlations for composites based on ethylene propylene diene rubber reinforced with flax fibers. <i>Polymer Testing</i> , 2017, 59, 75-83.	4.8	28
7	Responsive behavior of 4-(N-maleimido)azobenzene in polymers with aromatic main chain and side chain linked units. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 489-495.	0.6	19
8	Morphological structure and surface properties of maleated ethylene propylene diene monomer/organoclay nanocomposites. <i>Polymer Composites</i> , 2012, 33, 379-387.	4.6	19
9	Molecular structure and modeling studies of azobenzene derivatives containing maleimide groups. <i>SpringerPlus</i> , 2013, 2, 586.	1.2	19
10	Solvatochromic analysis and DFT computational study of an azomaleimide derivative. <i>Journal of Molecular Liquids</i> , 2017, 240, 476-485.	4.9	19
11	Exploring the effect of electron beam irradiation on the properties of some EPDM-flax fiber composites. <i>Polymer Composites</i> , 2019, 40, 315-327.	4.6	14
12	Use of Differential Scanning Calorimetry (DSC) in the Characterization of EPDM/PP Blends. <i>International Journal of Thermophysics</i> , 2010, 31, 2264-2274.	2.1	13
13	Photochromic properties of some azomaleimide derivatives and DFT quantum chemical study of thermal cis-trans isomerization pathways. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 390, 112300.	3.9	12
14	Pendant functional group copolyether sulfones. II. Modified copolyether sulfones with aminoazobenzene units. <i>Journal of Applied Polymer Science</i> , 2000, 77, 2009-2016.	2.6	11
15	New copoly(ether sulfone)s containing azobenzene crown-ether and fluorene moieties. <i>Dyes and Pigments</i> , 2014, 106, 111-120.	3.7	10
16	Photosensitive crown ether-siloxane copolymers bearing azobenzene chromophores. <i>European Polymer Journal</i> , 2002, 38, 2265-2270.	5.4	8
17	On the Charge-Transfer Excitations in Azobenzene Maleimide Compounds: A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2019, 123, 5525-5536.	2.5	8
18	Synthesis, photophysical properties and solvatochromic analysis of some naphthalene-1,8-dicarboxylic acid derivatives. <i>Journal of Molecular Liquids</i> , 2020, 303, 112626.	4.9	8

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19	Synthesis and photophysical insights of new fused N-heterocyclic derivatives with isoquinoline skeleton. <i>Journal of Molecular Liquids</i> , 2020, 310, 113196.	4.9	8
20	Dielectric, Thermal and Water Absorption Properties of Some EPDM/Flax Fiber Composites. <i>Polymers</i> , 2021, 13, 2555.	4.5	8
21	Synthesis and Solvent Dependent Fluorescence of Some Piperidine-Substituted Naphthalimide Derivatives and Consequences for Water Sensing. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2760.	4.1	7
22	Relaxation behavior of flax-reinforced ethylene-“propylene”diene rubber. <i>High Performance Polymers</i> , 2015, 27, 676-682.	1.8	6
23	Maleimide copolymers containing azobenzene moieties “ synthesis and study of liquid crystalline and optical properties. <i>RSC Advances</i> , 2016, 6, 101900-101910.	3.6	6
24	Radiation Processing and Characterization of Some Ethylene-propylene-diene Terpolymer/Butyl (Halobutyl) Rubber/Nanosilica Composites. <i>Polymers</i> , 2020, 12, 2431.	4.5	5
25	A New Pathway for the Synthesis of a New Class of Blue Fluorescent Benzofuran Derivatives. <i>Molecules</i> , 2018, 23, 1968.	3.8	4
26	Fluorescence Modulation and Photochromism in Azobismaleimide Derivatives. <i>Journal of Fluorescence</i> , 2014, 24, 345-353.	2.5	2
27	Synthesis, characterization, and photoresponsive behavior of some polysulfones containing azobenzene moieties in the main chain. <i>Journal of Molecular Liquids</i> , 2017, 229, 362-370.	4.9	2
28	Critical assessment of structural changes in some copolyamide-clay hybrid materials in correlation with the filler characteristics. <i>Polymer Composites</i> , 0, , .	4.6	0