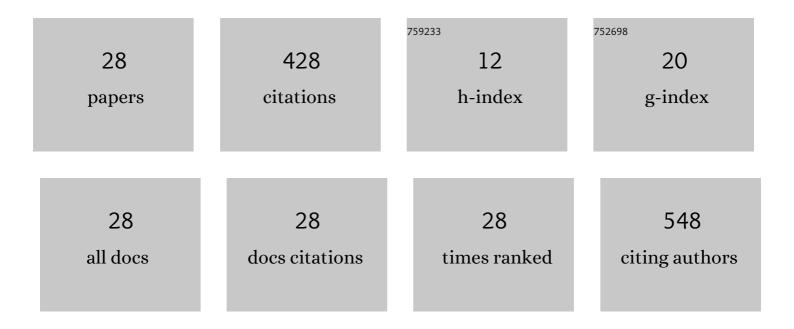
Anton Airinei

List of Publications by Year in descending order

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Δητών Διρινέι

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

ANTON AIRINEI

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