

Jolanta Konieczkowska

List of Publications by Year in descending order

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34
papers

452
citations

687363

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752698

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docs citations

34
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative studies of polyimides with covalently bonded azo-dyes with their supramolecular analogues: Thermo-optical and photoinduced properties. <i>Optical Materials</i> , 2014, 36, 892-902.	3.6	40
2	Fast dark cis-trans isomerization of azopyridine derivatives in comparison to their azobenzene analogues: Experimental and computational study. <i>Dyes and Pigments</i> , 2019, 160, 654-662.	3.7	37
3	Photochromic supramolecular azopolyimides based on hydrogen bonds. <i>Optical Materials</i> , 2015, 47, 501-511.	3.6	31
4	Large and highly stable photoinduced birefringence in poly(amideimide)s with two azochromophores per structural unit. <i>Optical Materials</i> , 2015, 39, 199-206.	3.6	23
5	Photoinduced birefringence of novel azobenzene poly(esterimide)s; the effect of chromophore substituent and excitation conditions. <i>Dyes and Pigments</i> , 2015, 114, 151-157.	3.7	23
6	Thermal, optical and photoinduced properties of a series of homo and co-polyimides with two kinds of covalently bonded azo-dyes and their supramolecular counterparts. <i>Optical Materials</i> , 2015, 48, 139-149.	3.6	22
7	Influence of supramolecular interactions on photoresponsive behavior of azobenzene poly(amide) Tj ETQq1 1 0.784314 rgBT/Overlock	3.9	22
8	Noncovalent azopoly(ester imide)s: Experimental study on structure-property relations and theoretical approach for prediction of glass transition temperature and hydrogen bond formation. <i>Polymer</i> , 2017, 113, 53-66.	3.8	22
9	Poly(esterimide) bearing azobenzene units as photoaligning layer for liquid crystals. <i>Optical Materials</i> , 2015, 49, 224-229.	3.6	17
10	Traveling Wave Rotary Micromotor Based on a Photomechanical Response in Liquid Crystal Polymer Networks. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8681-8686.	8.0	17
11	Poly(amic acid)s and their poly(amide imide) counterparts containing azobenzene moieties: Characterization, imidization kinetics and photochromic properties. <i>Materials Chemistry and Physics</i> , 2016, 180, 203-212.	4.0	15
12	Electro-optically tunable diffraction grating with photoaligned liquid crystals. <i>Optics Communications</i> , 2017, 400, 144-149.	2.1	15
13	Azopolymers with imide structures as light-switchable membranes in controlled gas separation. <i>European Polymer Journal</i> , 2019, 118, 186-194.	5.4	15
14	Azobenzene vs azopyridine and matrix molar masses effect on photoinduced phenomena. <i>European Polymer Journal</i> , 2019, 115, 173-184.	5.4	13
15	Characterization of poly(amic acid)s and resulting polyimides bearing azobenzene moieties including investigations of thermal imidization kinetics and photoinduced anisotropy. <i>Polymer International</i> , 2015, 64, 76-87.	3.1	12
16	The comprehensive approach towards study of (azo)polymers fragility parameter: Effect of architecture, intra- and intermolecular interactions and backbone conformation. <i>European Polymer Journal</i> , 2018, 109, 489-498.	5.4	12
17	On stress " strain responses and photoinduced properties of some azo polymers. <i>Polymer</i> , 2018, 140, 117-121.	3.8	11
18	No effect of the hydrogen bonds on the physicochemical properties of the guest-host poly(amide) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.7	10

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19	The large and stable photomechanical effect in the glassy guest-host azopolymers. <i>Dyes and Pigments</i> , 2019, 171, 107659.	3.7	10
20	Photoinduced properties of α -T-type polyimides with azobenzene or azopyridine moieties. <i>European Polymer Journal</i> , 2020, 126, 109563.	5.4	10
21	Blue-light-induced processes in a series of azobenzene poly(ester imide)s. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 347, 177-185.	3.9	9
22	Photopatterned azo poly(amide imide) layers as aligning substrates of holographic liquid crystal diffraction gratings for beam steering applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 968-976.	5.5	9
23	Gas transport properties of mixed matrix membranes based on thermally rearranged poly(hydroxyimide)s filled with inorganic porous particles. <i>Separation and Purification Technology</i> , 2020, 242, 116778.	7.9	9
24	Azopolyimides – influence of chemical structure on azochromophore photo-orientation efficiency. <i>Polimery</i> , 2018, 63, 481-487.	0.7	9
25	The unexpected photomechanical effect in glassy α -T-type azopolyimides. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4032-4037.	5.5	7
26	Guest-host and functionalized side-chain azopolyimide membranes for controlled gas separation. <i>Polymer</i> , 2021, 229, 124012.	3.8	7
27	Surface relief gratings in azopolyimides induced by pulsed laser irradiation. <i>European Polymer Journal</i> , 2019, 110, 85-89.	5.4	6
28	A family of azoquinoline derivatives: Effect of the substituent at azo linkage on thermal cis-trans isomerization based on an experimental and computational approach. <i>Dyes and Pigments</i> , 2020, 175, 108151.	3.7	6
29	Azobenzene Functionalized α -T-Type Poly(Amide Imide)s vs. Guest-Host Systems – A Comparative Study of Structure-Property Relations. <i>Materials</i> , 2020, 13, 1912.	2.9	4
30	Advanced morphological, statistical and molecular simulations analysis of laser-induced micro/nano multiscale surface relief gratings. <i>Surfaces and Interfaces</i> , 2022, 29, 101743.	3.0	4
31	Photoresponsive behaviour of α -T-type azopolyimides. The unexpected high efficiency of diffraction gratings, modulations and stability of the SRG in azopoly(ether imide). <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 273, 115387.	3.5	2
32	Supramolecular azopolymers based on hydrogen bonds. <i>Polimery</i> , 2015, 60, 425-434.	0.7	2
33	Poly(amic acid)s vs. polyimides with π -conjugated N-N units: Cis-trans isomerization reaction and kinetics of thermal imidization. <i>Optical Materials</i> , 2020, 104, 109931.	3.6	1
34	Novel Azocoumarin Derivatives – Synthesis and Characterization. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5767.	4.1	0