# Jolanta Konieczkowska

List of Publications by Year
in descending order



| 34 | 452 | 687363 13 | 752698 20 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 34 | 34 | 34 | 425 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Advanced morphological, statistical and molecular simulations analysis of laser-induced micro/nano multiscale surface relief gratings. Surfaces and Interfaces, 2022, 29, 101743. | 3.0 | 4 |
| 2 | Novel Azocoumarin Derivativesâ€"Synthesis and Characterization. International Journal of Molecular Sciences, 2022, 23, 5767. | 4.1 | 0 |
| 3 | Guest-host and functionalized side-chain azopolyimide membranes for controlled gas separation. Polymer, 2021, 229, 124012. | 3.8 | 7 |
| 4 | Photoresponsive behaviour of â€œT-typeâ€•azopolyimides. The unexpected high efficiency of diffraction gratings, modulations and stability of the SRG in azopoly(ether imide). Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 273, 115387. | 3.5 | 2 |
| 5 | Photopatterned azo poly(amide imide) layers as aligning substrates of holographic liquid crystal diffraction gratings for beam steering applications. Journal of Materials Chemistry C, 2020, 8, 968-976. | 5.5 | 9 |
| 6 | A family of azoquinoline derivatives: Effect of the substituent at azo linkage on thermal cis-trans isomerization based on an experimental and computational approach. Dyes and Pigments, 2020, 175, 108151. | 3.7 | 6 |
| 7 | Poly(amic acid)s vs. polyimides with Ï€-conjugated â€“N N- units: Cis-trans isomerization reaction and kinetics of thermal imidization. Optical Materials, 2020, 104, 109931. | 3.6 | 1 |
| 8 | Gas transport properties of mixed matrix membranes based on thermally rearranged poly(hydroxyimide)s filled with inorganic porous particles. Separation and Purification Technology, 2020, 242, 116778. | 7.9 | 9 |
| 9 | Photoinduced properties of â€œT-typeâ€•polyimides with azobenzene or azopyridine moieties. European Polymer Journal, 2020, 126, 109563. | 5.4 | 10 |
| 10 | Traveling Wave Rotary Micromotor Based on a Photomechanical Response in Liquid Crystal Polymer Networks. ACS Applied Materials & Interfaces, 2020, 12, 8681-8686. | 8.0 | 17 |
| 11 | Azobenzene Functionalized â€œT-Typeâ€•Poly(Amide Imide)s vs. Guest-Host Systemsâ€"A Comparative Study of Structure-Property Relations. Materials, 2020, 13, 1912. | 2.9 | 4 |
| 12 | Azopolymers with imide structures as light-switchable membranes in controlled gas separation. European Polymer Journal, 2019, 118, 186-194. | 5.4 | 15 |
| 13 | The large and stable photomechanical effect in the glassy guest-host azopolymers. Dyes and Pigments, 2019, 171, 107659. | 3.7 | 10 |
| 14 | Azobenzene vs azopyridine and matrix molar masses effect on photoinduced phenomena. European Polymer Journal, 2019, 115, 173-184. | 5.4 | 13 |
| 15 | The unexpected photomechanical effect in glassy â€œT-typeâ€•azopolyimides. Journal of Materials Chemistry C, 2019, 7, 4032-4037. | 5.5 | 7 |
| 16 | Fast dark cis-trans isomerization of azopyridine derivatives in comparison to their azobenzene analogues: Experimental and computational study. Dyes and Pigments, 2019, 160, 654-662. | 3.7 | 37 |
| 17 | Surface relief gratings in azopolyimides induced by pulsed laser irradiation. European Polymer Journal, 2019, 110, 85-89. | 5.4 | 6 |
| 18 | On stress â€“ strain responses and photoinduced properties of some azo polymers. Polymer, 2018, 140, 117-121. | 3.8 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | No effect of the hydrogen bonds on the physicochemical properties of the guest-host poly(amide) Tj ETQq1 1 0.784314 rgBT /Overlock | 3.7 | 10 |
| 20 | The comprehensive approach towards study of (azo)polymers fragility parameter: Effect of architecture, intra- and intermolecular interactions and backbone conformation. European Polymer Journal, 2018, 109, 489-498. | 5.4 | 12 |
| 21 | Azopolyimides â€“ influence of chemical structure on azochromophore photo-orientation efficiency. Polimery, 2018, 63, 481-487. | 0.7 | 9 |
| 22 | Noncovalent azopoly(ester imide)s: Experimental study on structure-property relations and theoretical approach for prediction of glass transition temperature and hydrogen bond formation. Polymer, 2017, 113, 53-66. | 3.8 | 22 |
| 23 | Electro-optically tunable diffraction grating with photoaligned liquid crystals. Optics Communications, 2017, 400, 144-149. | 2.1 | 15 |
| 24 | Blue-light-induced processes in a series of azobenzene poly(ester imide)s. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 347, 177-185. | 3.9 | 9 |
| 25 | Poly(amic acid)s and their poly(amide imide) counterparts containing azobenzene moieties: Characterization, imidization kinetics and photochromic properties. Materials Chemistry and Physics, 2016, 180, 203-212. | 4.0 | 15 |
| 26 | Influence of supramolecular interactions on photoresponsive behavior of azobenzene poly(amide) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 3.9 | 22 |
| 27 | Characterization of poly(amic acid)s and resulting polyimides bearing azobenzene moieties including investigations of thermal imidization kinetics and photoinduced anisotropy. Polymer International, 2015, 64, 76-87. | 3.1 | 12 |
| 28 | 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. Optical Materials, 2015, 48, 139-149. | 3.6 | 22 |
| 29 | Photochromic supramolecular azopolyimides based on hydrogen bonds. Optical Materials, 2015, 47, 501-511. | 3.6 | 31 |
| 30 | Poly(esterimide) bearing azobenzene units as photoaligning layer for liquid crystals. Optical Materials, 2015, 49, 224-229. | 3.6 | 17 |
| 31 | Large and highly stable photoinduced birefringence in poly(amideimide)s with two azochromophores per structural unit. Optical Materials, 2015, 39, 199-206. | 3.6 | 23 |
| 32 | Photoinduced birefringence of novel azobenzene poly(esterimide)s; the effect of chromophore substituent and excitation conditions. Dyes and Pigments, 2015, 114, 151-157. | 3.7 | 23 |
| 33 | Supramolecular azopolymers based on hydrogen bonds. Polimery, 2015, 60, 425-434. | 0.7 | 2 |
| 34 | Comparative studies of polyimides with covalently bonded azo-dyes with their supramolecular analoges: Thermo-optical and photoinduced properties. Optical Materials, 2014, 36, 892-902. | 3.6 | 40 |