

Augustine Urbas

List of Publications by Year in descending order

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16
papers

1,418
citations

516710

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times ranked

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Near-Infrared Light-Directed Handedness Inversion in Plasmonic Nanorod-Embedded Helical Superstructure. <i>Advanced Optical Materials</i> , 2016, 4, 247-251. | 7.3 | 49 |
| 2 | Light-Driven Reversible Alignment Switching of Liquid Crystals Enabled by Azo Thiol Grafted Gold Nanoparticles. <i>ChemPhysChem</i> , 2015, 16, 1852-1856. | 2.1 | 47 |
| 3 | Rationally Designed Axially Chiral Diarylethene Switches with High Helical Twisting Power. <i>Chemistry - A European Journal</i> , 2014, 20, 16286-16292. | 3.3 | 32 |
| 4 | Photodynamic Chiral Molecular Switches with Thermal Stability: From Reflection Wavelength Tuning to Handedness Inversion of Self-Organized Helical Superstructures. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13703-13707. | 13.8 | 129 |
| 5 | Photomodulated Self-Assembly of Hydrophobic Thiol Monolayer-Protected Gold Nanorods and Their Alignment in Thermotropic Liquid Crystal. <i>Journal of Physical Chemistry C</i> , 2013, 117, 21603-21608. | 3.1 | 25 |
| 6 | A photoswitchable and thermally stable axially chiral dithienylperfluorocyclopentene dopant with high helical twisting power. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3917. | 5.5 | 51 |
| 7 | Reversible Light-Directed Red, Green, and Blue Reflection with Thermal Stability Enabled by a Self-Organized Helical Superstructure. <i>Journal of the American Chemical Society</i> , 2012, 134, 9573-9576. | 13.7 | 149 |
| 8 | Reversible Visible-Light Tuning of Self-Organized Helical Superstructures Enabled by Unprecedented Light-Driven Axially Chiral Molecular Switches. <i>Journal of the American Chemical Society</i> , 2012, 134, 3342-3345. | 13.7 | 137 |
| 9 | Synthesis and Characterization of Thermally Irreversible Photochromic Cholesteric Liquid Crystals. <i>Journal of Physical Chemistry B</i> , 2011, 115, 3409-3415. | 2.6 | 46 |
| 10 | Synthesis and Characterization of Light-Driven Dithienylcyclopentene Switches with Axial Chirality. <i>Journal of Organic Chemistry</i> , 2011, 76, 7148-7156. | 3.2 | 46 |
| 11 | Light-driven nanoscale chiral molecular switch: reversible dynamic full range color phototuning. <i>Chemical Communications</i> , 2010, 46, 3463. | 4.1 | 174 |
| 12 | Light-driven molecular switches with tetrahedral and axial chirality. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3930. | 2.8 | 50 |
| 13 | Reversible Photoswitchable Axially Chiral Dopants with High Helical Twisting Power. <i>Journal of the American Chemical Society</i> , 2007, 129, 12908-12909. | 13.7 | 225 |
| 14 | Optically Switchable Liquid Crystal Photonic Structures. <i>Journal of the American Chemical Society</i> , 2004, 126, 13580-13581. | 13.7 | 89 |
| 15 | Fourier analysis near-field polarimetry for measurement of local optical properties of thin films. <i>Applied Optics</i> , 2003, 42, 3864. | 2.1 | 10 |
| 16 | One-Dimensionally Periodic Dielectric Reflectors from Self-Assembled Block Copolymer-Homopolymer Blends. <i>Macromolecules</i> , 1999, 32, 4748-4750. | 4.8 | 131 |