# Yannian Li

List of Publications by Year
in descending order



| 13 | 1,512 | 687363 13 | 940533 16 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 17 | 17 | 17 | 1369 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Three-dimensional control of the helical axis of a chiral nematic liquid crystal by light. Nature, 2016, 531, 352-356. | 27.8 | 435 |
| 2 | Electrically Tunable Selective Reflection of Light from Ultraviolet to Visible and Infrared by Heliconical Cholesterics. Advanced Materials, 2015, 27, 3014-3018. | 21.0 | 257 |
| 3 | Photodynamic Chiral Molecular Switches with Thermal Stability: From Reflection Wavelength Tuning to Handedness Inversion of Selfâ€Organized Helical Superstructures. Angewandte Chemie - International Edition, 2013, 52, 13703-13707. | 13.8 | 129 |
| 4 | Photoresponsive Monodisperse Cholesteric Liquid Crystalline Microshells for Tunable Omnidirectional Lasing Enabled by a Visible Lightâ€Driven Chiral Molecular Switch. Advanced Optical Materials, 2014, 2, 845-848. | 7.3 | 128 |
| 5 | Lightâ€Patterned Crystallographic Direction of a Selfâ€Organized 3D Soft Photonic Crystal. Advanced Materials, 2017, 29, 1703165. | 21.0 | 120 |
| 6 | Azoarenes with Opposite Chiral Configurations: Lightâ€Driven Reversible Handedness Inversion in Selfâ€Organized Helical Superstructures. Angewandte Chemie - International Edition, 2013, 52, 8925-8929. | 13.8 | 101 |
| 7 | Stimulated transformation of soft helix among helicoidal, heliconical, and their inverse helices. Science Advances, 2019, 5, eaax9501. | 10.3 | 68 |
| 8 | Controllable Dynamic Zigzag Pattern Formation in a Soft Helical Superstructure. Advanced Materials, 2017, 29, 1701903. | 21.0 | 67 |
| 9 | Lightâ€Driven Wideâ€Range Nonmechanical Beam Steering and Spectrum Scanning Based on a Selfâ€Organized Liquid Crystal Grating Enabled by a Chiral Molecular Switch. Advanced Optical Materials, 2015, 3, 166-170. | 7.3 | 61 |
| 10 | Rationally Designed Axially Chiral Diarylethene Switches with High Helical Twisting Power. Chemistry - A European Journal, 2014, 20, 16286-16292. | 3.3 | 32 |
| 11 | Microshells: Photoresponsive Monodisperse Cholesteric Liquid Crystalline Microshells for Tunable Omnidirectional Lasing Enabled by a Visible Light-Driven Chiral Molecular Switch (Advanced Optical) Tj ETQq1 1 0.784314 rgBT /Overlock | 7.3 | 4 |
| 12 | Liquid Crystals: Electrically Tunable Selective Reflection of Light from Ultraviolet to Visible and Infrared by Heliconical Cholesterics (Adv. Mater. 19/2015). Advanced Materials, 2015, 27, 3013-3013. | 21.0 | 2 |
| 13 | Gratings: Light-Driven Wide-Range Nonmechanical Beam Steering and Spectrum Scanning Based on a Self-Organized Liquid Crystal Grating Enabled by a Chiral Molecular Switch (Advanced Optical) Tj ETQq1 1 0.784314 rgBT /Overlock | 7.3 | 0 |