

Yannian Li

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,512
citations

687363

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940533

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17
all docs

17
docs citations

17
times ranked

1369
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimulated transformation of soft helix among helicoidal, heliconical, and their inverse helices. Science Advances, 2019, 5, eaax9501.	10.3	68
2	Controllable Dynamic Zigzag Pattern Formation in a Soft Helical Superstructure. Advanced Materials, 2017, 29, 1701903.	21.0	67
3	Light-Driven Crystallographic Direction of a Self-Organized 3D Soft Photonic Crystal. Advanced Materials, 2017, 29, 1703165.	21.0	120
4	Three-dimensional control of the helical axis of a chiral nematic liquid crystal by light. Nature, 2016, 531, 352-356.	27.8	435
5	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
6	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 537		
7	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 Materials, 2015, 3, 166-170.	7.3	61
8	Electrically Tunable Selective Reflection of Light from Ultraviolet to Visible and Infrared by Heliconical Cholesterics. Advanced Materials, 2015, 27, 3014-3018.	21.0	257
9	Photoresponsive Monodisperse Cholesteric Liquid Crystalline Microshells for Tunable Omnidirectional Lasing Enabled by a Visible Light-Driven Chiral Molecular Switch. Advanced Optical Materials, 2014, 2, 845-848.	7.3	128
10	Microshells: Photoresponsive Monodisperse Cholesteric Liquid Crystalline Microshells for Tunable Omnidirectional Lasing Enabled by a Visible Light-Driven Chiral Molecular Switch (Advanced Optical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		
11	Rationally Designed Axially Chiral Diarylethene Switches with High Helical Twisting Power. Chemistry - A European Journal, 2014, 20, 16286-16292.	3.3	32
12	Azoarenes with Opposite Chiral Configurations: Light-Driven Reversible Handedness Inversion in Self-Organized Helical Superstructures. Angewandte Chemie - International Edition, 2013, 52, 8925-8929.	13.8	101
13	Photodynamic Chiral Molecular Switches with Thermal Stability: From Reflection Wavelength Tuning to Handedness Inversion of Self-Organized Helical Superstructures. Angewandte Chemie - International Edition, 2013, 52, 13703-13707.	13.8	129