

Quan Li

List of Publications by Year in descending order

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211
papers

16,170
citations

11608

70
h-index

18606

119
g-index

260
all docs

260
docs citations

260
times ranked

9883
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamically Selective and Simultaneous Detection of Spin and Orbital Angular Momenta of Light with Thermoresponsive Self-Assembled Chiral Superstructures. ACS Photonics, 2022, 9, 1050-1057.	3.2	12
2	Visible Light-Driven Molecular Switches and Motors: Recent Developments and Applications. Chemistry - A European Journal, 2022, 28, .	1.7	48
3	Tunable Circularly Polarized Luminescent Supramolecular Systems: Approaches and Applications. ChemPhotoChem, 2022, 6, .	1.5	18
4	An Artificial Light-Harvesting System with Controllable Efficiency Enabled by an Annulene-Based Anisotropic Fluid. Angewandte Chemie - International Edition, 2022, 61, .	7.2	27
5	An Artificial Light-Harvesting System with Controllable Efficiency Enabled by an Annulene-Based Anisotropic Fluid. Angewandte Chemie, 2022, 134, .	1.6	9
6	Patterned optical anisotropic film for generation of non-diffracting vortex beams. Applied Physics Letters, 2022, 120, .	1.5	2
7	Frontispiece: Thermo- and Mechanochromic Camouflage and Self-Healing in Biomimetic Soft Actuators Based on Liquid Crystal Elastomers. Angewandte Chemie - International Edition, 2022, 61, .	7.2	1
8	Frontispiz: Thermo- and Mechanochromic Camouflage and Self-Healing in Biomimetic Soft Actuators Based on Liquid Crystal Elastomers. Angewandte Chemie, 2022, 134, .	1.6	0
9	Tunable Circularly Polarized Luminescent Supramolecular Systems: Approaches and Applications. ChemPhotoChem, 2022, 6, .	1.5	20
10	Simultaneous Realization of Dynamic and Hybrid Multiplexed Holography via Light-Activated Chiral Superstructures. Laser and Photonics Reviews, 2022, 16, .	4.4	22
11	Frontispiece: Visible Light-Driven Molecular Switches and Motors: Recent Developments and Applications. Chemistry - A European Journal, 2022, 28, .	1.7	1
12	Bioinspired Phototropic MXene-Reinforced Soft Tubular Actuators for Omnidirectional Light-Tracking and Adaptive Photovoltaics. Advanced Functional Materials, 2022, 32, .	7.8	127
13	Photo-Actuated Chiral Smectic Superstructures. Advanced Optical Materials, 2022, 10, .	3.6	3
14	Frontispiz: An Artificial Light-Harvesting System with Controllable Efficiency Enabled by an Annulene-Based Anisotropic Fluid. Angewandte Chemie, 2022, 134, .	1.6	1
15	Frontispiece: An Artificial Light-Harvesting System with Controllable Efficiency Enabled by an Annulene-Based Anisotropic Fluid. Angewandte Chemie - International Edition, 2022, 61, .	7.2	5
16	Thermo- and Mechanochromic Camouflage and Self-Healing in Biomimetic Soft Actuators Based on Liquid Crystal Elastomers. Angewandte Chemie, 2022, 134, .	1.6	5
17	Thermo- and Mechanochromic Camouflage and Self-Healing in Biomimetic Soft Actuators Based on Liquid Crystal Elastomers. Angewandte Chemie - International Edition, 2022, 61, e202115755.	7.2	90
18	Liquid Crystals: Versatile Self-Organized Smart Soft Materials. Chemical Reviews, 2022, 122, 4887-4926.	23.0	288

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19	Pancharatnamâ€“Berry phase reversal via opposite-chirality-coexisted superstructures. <i>Light: Science and Applications</i> , 2022, 11, 135.	7.7	28
20	Synchronous Imaging in Golgi Apparatus and Lysosome Enabled by Amphiphilic Calixarene-Based Artificial Light-Harvesting Systems. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 22443-22453.	4.0	20
21	Dynamically actuated soft heliconical architecture via frequency of electric fields. <i>Nature Communications</i> , 2022, 13, 2712.	5.8	35
22	Three-Dimensional Microfluidic Chip for Efficient Capture of Secretory Autophagosomes and Sensitive Detection of Their Surface Proteins. <i>Analytical Chemistry</i> , 2022, 94, 8489-8496.	3.2	5
23	Spinâ€“Decoupled Transflective Spatial Light Modulations Enabled by a Piecewiseâ€“Twisted Anisotropic Monolayer. <i>Advanced Science</i> , 2022, 9, .	5.6	17
24	Light-activated photodeformable supramolecular dissipative self-assemblies. <i>Nature Communications</i> , 2022, 13, .	5.8	43
25	Liquid crystal-templated chiral nanomaterials: from chiral plasmonics to circularly polarized luminescence. <i>Light: Science and Applications</i> , 2022, 11, .	7.7	87
26	Electrical modification of order parameters and director fluctuations in a dielectrically negative nematic doped with a positive additive. <i>Journal of Molecular Liquids</i> , 2022, 363, 119843.	2.3	1
27	Fluorescent Photochromic â€“Cyanodiarylethene Molecular Switches: An Emerging and Promising Class of Functional Diarylethene. <i>Advanced Functional Materials</i> , 2021, 31, 2007957.	7.8	131
28	Nearâ€“Infrared Lightâ€“Driven Shapeâ€“Morphing of Programmable Anisotropic Hydrogels Enabled by MXene Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3390-3396.	7.2	213
29	A dual-template defective 3DOMM-TiO ₂ -x for enhanced non-enzymatic electrochemical glucose determination. <i>Journal of Materials Science</i> , 2021, 56, 3414-3429.	1.7	8
30	Nearâ€“Infrared Lightâ€“Driven Shapeâ€“Morphing of Programmable Anisotropic Hydrogels Enabled by MXene Nanosheets. <i>Angewandte Chemie</i> , 2021, 133, 3432-3438.	1.6	20
31	Switchable Secondâ€“Harmonic Generation of Airy Beam and Airy Vortex Beam. <i>Advanced Optical Materials</i> , 2021, 9, 2001776.	3.6	15
32	Diffusion and adsorption-desorption phenomena in confined systems with periodically varying medium. <i>Chemical Engineering Science</i> , 2021, 233, 116386.	1.9	4
33	Stimulus-driven liquid metal and liquid crystal network actuators for programmable soft robotics. <i>Materials Horizons</i> , 2021, 8, 2475-2484.	6.4	142
34	Frontispiece: Nearâ€“Infrared Lightâ€“Driven Shapeâ€“Morphing of Programmable Anisotropic Hydrogels Enabled by MXene Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	7.2	0
35	Frontispiz: Nearâ€“Infrared Lightâ€“Driven Shapeâ€“Morphing of Programmable Anisotropic Hydrogels Enabled by MXene Nanosheets. <i>Angewandte Chemie</i> , 2021, 133, .	1.6	0
36	Beyond the Visible: Bioinspired Infrared Adaptive Materials. <i>Advanced Materials</i> , 2021, 33, e2004754.	11.1	201

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37	Liquid Crystals in Curved Confined Geometries: Microfluidics Bring New Capabilities for Photonic Applications and Beyond. <i>Langmuir</i> , 2021, 37, 3789-3807.	1.6	55
38	Supramolecular Chirality Transfer toward Chiral Aggregation: Asymmetric Hierarchical Self-Assembly. <i>Advanced Science</i> , 2021, 8, 2002132.	5.6	124
39	Unexpected organic hydrate luminogens in the solid state. <i>Nature Communications</i> , 2021, 12, 2339.	5.8	15
40	Infrared Adaptive Materials: Beyond the Visible: Bioinspired Infrared Adaptive Materials (<i>Adv. Mater.</i>)	11.1	1
41	Tunable band-pass optical vortex processor enabled by wash-out-refill chiral superstructures. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	26
42	Bioinspired Synergistic Photochromic Luminescence and Programmable Liquid Crystal Actuators. <i>Angewandte Chemie</i> , 2021, 133, 11347-11351.	1.6	28
43	Bioinspired Synergistic Photochromic Luminescence and Programmable Liquid Crystal Actuators. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11247-11251.	7.2	125
44	3D Chiral Photonic Nanostructures Based on Blue-Phase Liquid Crystals. <i>Small Science</i> , 2021, 1, 2100007.	5.8	42
45	Photodeformable Liquid Crystalline Polymers Containing Functional Additives: Toward Photomanipulatable Intelligent Soft Systems. <i>Small Structures</i> , 2021, 2, 2100038.	6.9	58
46	Healable and Rearrangeable Networks of Liquid Crystal Elastomers Enabled by Diselenide Bonds. <i>Angewandte Chemie</i> , 2021, 133, 16530-16534.	1.6	16
47	Healable and Rearrangeable Networks of Liquid Crystal Elastomers Enabled by Diselenide Bonds. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16394-16398.	7.2	92
48	Covalent Adaptable Liquid Crystal Networks Enabled by Reversible Ring-Opening Cascades of Cyclic Disulfides. <i>Journal of the American Chemical Society</i> , 2021, 143, 12543-12551.	6.6	101
49	Cholesteric Soft Matter Molded Helical Photonic Architecture toward Volatility Monitoring of Organic Solvent. <i>Advanced Photonics Research</i> , 2021, 2, 2100018.	1.7	2
50	Programmable self-propelling actuators enabled by a dynamic helical medium. <i>Science Advances</i> , 2021, 7, .	4.7	21
51	Light-fueled transient supramolecular assemblies in water as fluorescence modulators. <i>Nature Communications</i> , 2021, 12, 4993.	5.8	56
52	Photodeformable Liquid Crystalline Polymers Containing Functional Additives: Toward Photomanipulatable Intelligent Soft Systems. <i>Small Structures</i> , 2021, 2, 2170024.	6.9	7
53	Irradiation-Wavelength Directing Circularly Polarized Luminescence in Self-Organized Helical Superstructures Enabled by Hydrogen-Bonded Chiral Fluorescent Molecular Switches. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 27158-27163.	7.2	66
54	Stimuli-Driven Insulator-Conductor Transition in a Flexible Polymer Composite Enabled by Biphasic Liquid Metal. <i>Advanced Materials</i> , 2021, 33, e2104634.	11.1	43

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55	A Liquid Crystal Elastomer-Based Unprecedented Two-Way Shape-Memory Aerogel. <i>Advanced Science</i> , 2021, 8, e2102674.	5.6	27
56	Combined electric and photocontrol of selective light reflection at an oblique helicoidal cholesteric liquid crystal doped with azoxybenzene derivative. <i>Physical Review E</i> , 2021, 104, 044702.	0.8	13
57	Circularly polarized luminescent self-organized helical superstructures: From materials and stimulus-responsiveness to applications. <i>Aggregate</i> , 2021, 2, e141.	5.2	86
58	InnenrÄ¼cktitelbild: Irradiation-Wavelength Directing Circularly Polarized Luminescence in Self-Organized Helical Superstructures Enabled by Hydrogen-Bonded Chiral Fluorescent Molecular Switches (<i>Angew. Chem.</i> 52/2021). <i>Angewandte Chemie</i> , 2021, 133, 27539-27539.	1.6	0
59	Liquid-Crystal-Mediated Geometric Phase: From Transmissive to Broadband Reflective Planar Optics. <i>Advanced Materials</i> , 2020, 32, e1903665.	11.1	124
60	Nature-Inspired Emerging Chiral Liquid Crystal Nanostructures: From Molecular Self-Assembly to DNA Mesophase and Nanocolloids. <i>Advanced Materials</i> , 2020, 32, e1801335.	11.1	263
61	Visible-Light-Driven Halogen Bond Donor Based Molecular Switches: From Reversible Unwinding to Handedness Inversion in Self-Organized Soft Helical Superstructures. <i>Angewandte Chemie</i> , 2020, 132, 2706-2709.	1.6	25
62	Visible-Light-Driven Halogen Bond Donor Based Molecular Switches: From Reversible Unwinding to Handedness Inversion in Self-Organized Soft Helical Superstructures. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2684-2687.	7.2	69
63	Organic-inorganic hybrid liquid crystals of azopyridine-enabled halogen-bonding towards sensing in aquatic environment. <i>RSC Advances</i> , 2020, 10, 35873-35877.	1.7	8
64	Electro- and Photo-Driven Orthogonal Switching of a Helical Superstructure Enabled by an Axially Chiral Molecular Switch. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55215-55222.	4.0	14
65	Annular Structural Colors from Bowl-Like Shriveled Photonic Microshells of Cholesteric Liquid Crystals. <i>Advanced Optical Materials</i> , 2020, 8, 2000692.	3.6	26
66	Spin-controlled massive channels of hybrid-order Poincaré sphere beams. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	11
67	Solvent polarity driven helicity inversion and circularly polarized luminescence in chiral aggregation induced emission fluorophores. <i>Chemical Science</i> , 2020, 11, 9989-9993.	3.7	81
68	Photoprogrammable Mesogenic Soft Helical Architectures: A Promising Avenue toward Future Chiro-Optics. <i>Advanced Materials</i> , 2020, 32, e1905318.	11.1	84
69	Reversible On-Off of Chirality and Anisotropy in Patterned Coexistence of Achiral-Anisotropic and Chiral-Isotropic Soft Materials. <i>Advanced Optical Materials</i> , 2020, 8, 2000155.	3.6	16
70	Smectic Defect Engineering Enabled by Programmable Photoalignment. <i>Advanced Optical Materials</i> , 2020, 8, 2000593.	3.6	14
71	Liquid-Crystal-Mediated Active Waveguides toward Programmable Integrated Optics. <i>Advanced Optical Materials</i> , 2020, 8, 1902033.	3.6	12
72	An Efficient Near-Infrared Emissive Artificial Supramolecular Light-Harvesting System for Imaging in the Golgi Apparatus. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10493-10497.	7.2	116

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73	An Efficient Near-Infrared Emissive Artificial Supramolecular Light-Harvesting System for Imaging in the Golgi Apparatus. <i>Angewandte Chemie</i> , 2020, 132, 10579-10583.	1.6	18
74	Whole-genome resequencing of Dulong Chicken reveal signatures of selection. <i>British Poultry Science</i> , 2020, 61, 624-631.	0.8	13
75	Extended adsorbing surface reach and memory effects on the diffusive behavior of particles in confined systems. <i>International Journal of Heat and Mass Transfer</i> , 2020, 151, 119433.	2.5	8
76	Quality assessment of guidelines for the management of <i>Mycobacterium tuberculosis</i> infection in children. <i>International Journal of Tuberculosis and Lung Disease</i> , 2020, 24, 287-294.	0.6	2
77	Liquid crystal phases with unusual structures and physical properties formed by acute-angle bent core molecules. <i>Physical Review Research</i> , 2020, 2, .	1.3	10
78	The Halogen Bond: An Emerging Supramolecular Tool in the Design of Functional Mesomorphic Materials. <i>Chemistry - A European Journal</i> , 2019, 25, 1369-1378.	1.7	73
79	Visible-Light-Induced Self-Organized Helical Superstructure in Orientationally Ordered Fluids. <i>Advanced Materials</i> , 2019, 31, e1902958.	11.1	30
80	Stimulated transformation of soft helix among helicoidal, heliconical, and their inverse helices. <i>Science Advances</i> , 2019, 5, eaax9501.	4.7	68
81	1,2-Dithienyldicyanoethene-Based, Visible-Light-Driven, Chiral Fluorescent Molecular Switch: Rewritable Multimodal Photonic Devices. <i>Angewandte Chemie</i> , 2019, 131, 16198-16202.	1.6	34
82	1,2-Dithienyldicyanoethene-Based, Visible-Light-Driven, Chiral Fluorescent Molecular Switch: Rewritable Multimodal Photonic Devices. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16052-16056.	7.2	112
83	Light-Responsive Smart Soft Matter Technologies. <i>Advanced Optical Materials</i> , 2019, 7, 1901160.	3.6	45
84	Chiral and orientationally ordered fluid mesophases formed by oxadiazole bisaniline based achiral bent mesogens. <i>Liquid Crystals</i> , 2019, 46, 1373-1382.	0.9	10
85	Photoresponsive Actuators Built from Carbon-Based Soft Materials. <i>Advanced Optical Materials</i> , 2019, 7, 1900069.	3.6	78
86	Chirality invertible superstructure mediated active planar optics. <i>Nature Communications</i> , 2019, 10, 2518.	5.8	106
87	Reversible Circularly Polarized Reflection in a Self-Organized Helical Superstructure Enabled by a Visible-Light-Driven Axially Chiral Molecular Switch. <i>Journal of the American Chemical Society</i> , 2019, 141, 8078-8082.	6.6	74
88	Dicyanodistyrylthiophene-Based Emissive Chiral Photoswitches: Effect of the Position of the Cyano Group on Reversible Photoisomerization and Fatigue Resistance. <i>ChemPhotoChem</i> , 2019, 3, 480-486.	1.5	18
89	Prognostic Value of Inflammation-Based Markers in Advanced or Metastatic Neuroendocrine Tumours. <i>Current Oncology</i> , 2019, 26, 4135.	0.9	14
90	Stimuli directed alignment of self-organized one-dimensional semiconducting columnar liquid crystal nanostructures for organic electronics. <i>Progress in Materials Science</i> , 2019, 104, 1-52.	16.0	61

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91	Dynamic Control of Light Direction Enabled by Stimuli-Responsive Liquid Crystal Gratings. <i>Advanced Materials</i> , 2019, 31, e1806172.	11.1	170
92	Optically Rewritable Transparent Liquid Crystal Displays Enabled by Light-Driven Chiral Fluorescent Molecular Switches. <i>Advanced Materials</i> , 2019, 31, e1807751.	11.1	153
93	Ferroelectric liquid crystal mediated fast switchable orbital angular momentum of light. <i>Optics Express</i> , 2019, 27, 36903.	1.7	10
94	Electroacupuncture at ST_{37} and ST_{25} induce different effects on colonic motility via the enteric nervous system by affecting excitatory and inhibitory neurons. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13318.	1.6	30
95	Light-Driven Reversible Transformation between Self-Organized Simple Cubic Lattice and Helical Superstructure Enabled by a Molecular Switch Functionalized Nanocage. <i>Advanced Materials</i> , 2018, 30, e1800237.	11.1	57
96	Surface induced twist in nematic and chiral nematic liquid crystals: stick-slip-like and constrained motion. <i>Soft Matter</i> , 2018, 14, 2084-2093.	1.2	8
97	Enhanced nanosecond electro-optic effect in isotropic and nematic phases of dielectrically negative nematics doped by strongly polar additive. <i>Journal of Molecular Liquids</i> , 2018, 267, 450-455.	2.3	2
98	Photochemically and Thermally Driven Full-Color Reflection in a Self-Organized Helical Superstructure Enabled by a Halogen-Bonded Chiral Molecular Switch. <i>Angewandte Chemie</i> , 2018, 130, 1643-1647.	1.6	28
99	Photochemically and Thermally Driven Full-Color Reflection in a Self-Organized Helical Superstructure Enabled by a Halogen-Bonded Chiral Molecular Switch. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1627-1631.	7.2	131
100	Photochromism into nanosystems: towards lighting up the future nanoworld. <i>Chemical Society Reviews</i> , 2018, 47, 1044-1097.	18.7	549
101	Digitalizing Self-Assembled Chiral Superstructures for Optical Vortex Processing. <i>Advanced Materials</i> , 2018, 30, 1705865.	11.1	131
102	Self-Assembled Graphene-Based Architectures and Their Applications. <i>Advanced Science</i> , 2018, 5, 1700626.	5.6	70
103	Stimuli-Driven Control of the Helical Axis of Self-Organized Soft Helical Superstructures. <i>Advanced Materials</i> , 2018, 30, e1706512.	11.1	205
104	Effect of dynamically changing the substrate's easy axis on the response time of nematic samples. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 505401.	0.7	0
105	Effect of biaxiality on chirality in chiral nematic liquid crystals. <i>Soft Matter</i> , 2018, 14, 6530-6536.	1.2	10
106	Soft Materials Driven by Photothermal Effect and Their Applications. <i>Advanced Optical Materials</i> , 2018, 6, 1800458.	3.6	120
107	Dynamic Orthogonal Switching of a Thermoresponsive Self-Organized Helical Superstructure. <i>Advanced Materials</i> , 2017, 29, 1700676.	11.1	62
108	Digitalized Geometric Phases for Parallel Optical Spin and Orbital Angular Momentum Encoding. <i>ACS Photonics</i> , 2017, 4, 1333-1338.	3.2	93

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109	Controllable Dynamic Zigzag Pattern Formation in a Soft Helical Superstructure. <i>Advanced Materials</i> , 2017, 29, 1701903.	11.1	67
110	Stimuli-directed self-organized chiral superstructures for adaptive windows enabled by mesogen-functionalized graphene. <i>Materials Today</i> , 2017, 20, 230-237.	8.3	194
111	Dual-light control of nanomachines that integrate motor and modulator subunits. <i>Nature Nanotechnology</i> , 2017, 12, 540-545.	15.6	190
112	Optically reconfigurable chiral microspheres of self-organized helical superstructures with handedness inversion. <i>Materials Horizons</i> , 2017, 4, 1190-1195.	6.4	83
113	Light-Patterned Crystallographic Direction of a Self-Organized 3D Soft Photonic Crystal. <i>Advanced Materials</i> , 2017, 29, 1703165.	11.1	120
114	Going beyond the limit of an LCD's color gamut. <i>Light: Science and Applications</i> , 2017, 6, e17043-e17043.	7.7	157
115	Light-Driven Rotation and Pitch Tuning of Self-Organized Cholesteric Gratings Formed in a Semi-Free Film. <i>Polymers</i> , 2017, 9, 295.	2.0	22
116	Photochromic Chiral Liquid Crystals for Light Sensing. , 2017, , 33-62.		2
117	Lichtgesteuerte dynamische Chiralitätsumkehr in funktionalen selbstorganisierten helikalen Äußerstrukturen. <i>Angewandte Chemie</i> , 2016, 128, 3046-3063.	1.6	49
118	Light-Driven Liquid Crystalline Materials: From Photo-Induced Phase Transitions and Property Modulations to Applications. <i>Chemical Reviews</i> , 2016, 116, 15089-15166.	23.0	671
119	Liquid-Crystal Nanostructures: Stimuli-Directing Self-Organized 3D Liquid-Crystalline Nanostructures: From Materials Design to Photonic Applications (<i>Adv. Funct. Mater.</i> 1/2016). <i>Advanced Functional Materials</i> , 2016, 26, 2-2.	7.8	4
120	Self-organized Chiral Liquid Crystalline Nanostructures for Energy-Saving Devices. <i>Nanoscience and Technology</i> , 2016, , 513-558.	1.5	3
121	Thermally reversible full color selective reflection in a self-organized helical superstructure enabled by a bent-core oligomesogen exhibiting a twist-bend nematic phase. <i>Materials Horizons</i> , 2016, 3, 442-446.	6.4	80
122	Stimuli-Directing Self-Organized 3D Liquid-Crystalline Nanostructures: From Materials Design to Photonic Applications. <i>Advanced Functional Materials</i> , 2016, 26, 10-28.	7.8	264
123	Helical Superstructures: Near-Infrared Light-Directed Handedness Inversion in Plasmonic Nanorod-Embedded Helical Superstructure (<i>Advanced Optical Materials</i> 2/2016). <i>Advanced Optical Materials</i> , 2016, 4, 246-246.	3.6	1
124	Frequency-Driven Self-Organized Helical Superstructures Loaded with Mesogen-Grafted Silica Nanoparticles. <i>Angewandte Chemie</i> , 2016, 128, 13284-13288.	1.6	24
125	Frequency-Driven Self-Organized Helical Superstructures Loaded with Mesogen-Grafted Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13090-13094.	7.2	85
126	Ammonia intercalated flower-like MoS ₂ nanosheet film as electrocatalyst for high efficient and stable hydrogen evolution. <i>Scientific Reports</i> , 2016, 6, 31092.	1.6	76

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127	Magnetically tunable selective reflection of light by heliconical cholesterics. <i>Physical Review E</i> , 2016, 94, 042705.	0.8	64
128	Light-Driven Dynamic Chirality Inversion in Functional Self-Organized Helical Superstructures. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2994-3010.	7.2	237
129	Near-Infrared Light-Driven Handedness Inversion in Plasmonic Nanorod-Embedded Helical Superstructure. <i>Advanced Optical Materials</i> , 2016, 4, 247-251.	3.6	49
130	Discotic Liquid Crystals for Self-organizing Photovoltaics. <i>Nanoscience and Technology</i> , 2016, , 215-252.	1.5	8
131	Photocatalytic activities of SnS-reduced graphene oxide by the photodegradation of malachite green in water. <i>Materials Research Innovations</i> , 2016, 20, 458-464.	1.0	7
132	Three-dimensional control of the helical axis of a chiral nematic liquid crystal by light. <i>Nature</i> , 2016, 531, 352-356.	13.7	435
133	Bistable salt doped cholesteric liquid crystals light shutter. <i>Optical Materials</i> , 2016, 52, 219-223.	1.7	38
134	Influence of the ball-milling process of reaction product on synthesising hydroxyapatite with precipitation method. <i>Materials Research Innovations</i> , 2015, 19, S8-646-S8-649.	1.0	0
135	Liquid Crystals: Electrically Tunable Selective Reflection of Light from Ultraviolet to Visible and Infrared by Heliconical Cholesterics (<i>Adv. Mater.</i> 19/2015). <i>Advanced Materials</i> , 2015, 27, 3013-3013.	11.1	2
136	Rationally Designed Dynamic Superstructures Enabled by Photoaligning Cholesteric Liquid Crystals. <i>Advanced Optical Materials</i> , 2015, 3, 1691-1696.	3.6	58
137	Near infrared light-driven liquid crystal phase transition enabled by hydrophobic mesogen grafted plasmonic gold nanorods. <i>Chemical Communications</i> , 2015, 51, 9845-9848.	2.2	60
138	Unusual diffusing regimes caused by different adsorbing surfaces. <i>Soft Matter</i> , 2015, 11, 1658-1666.	1.2	29
139	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 (<i>Advanced Optical</i>) Tj ETQq1 1 0.784314.6BT / Overlock 10	1.0	0
140	Temperature Dependence of Extended X-ray Absorption Fine Structure of Multiferroic CaMn ₇ O ₁₂ . <i>Ferroelectrics</i> , 2015, 488, 162-169.	0.3	2
141	Luminescence-Driven Reversible Handedness Inversion of Self-Organized Helical Superstructures Enabled by a Novel Near-Infrared Light Nanotransducer. <i>Advanced Materials</i> , 2015, 27, 2065-2069.	11.1	225
142	Light-Driven Directing Omnidirectional Circularly Polarized Reflection from Liquid-Crystal Droplets. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2160-2164.	7.2	150
143	Room temperature heliconical twist-bend nematic liquid crystal. <i>CrystEngComm</i> , 2015, 17, 2778-2782.	1.3	135
144	Macroscopic contraction of a gel induced by the integrated motion of light-driven molecular motors. <i>Nature Nanotechnology</i> , 2015, 10, 161-165.	15.6	301

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145	Light-Driven Wide-Range Nonmechanical Beam Steering and Spectrum Scanning Based on a Self-Organized Liquid Crystal Grating Enabled by a Chiral Molecular Switch. <i>Advanced Optical Materials</i> , 2015, 3, 166-170.	3.6	61
146	Electrically Tunable Selective Reflection of Light from Ultraviolet to Visible and Infrared by Heliconical Cholesterics. <i>Advanced Materials</i> , 2015, 27, 3014-3018.	11.1	257
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