

Minghua Liu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

484
papers

18,992
citations

72
h-index

113
g-index

517
ext. papers

22,301
ext. citations

7.4
avg, IF

7.48
L-index

#	Paper	IF	Citations
484	In situ nonlinear optical spectroscopic study of the structural chirality in DPPC Langmuir monolayers at the air/water interface.. <i>Journal of Chemical Physics</i> , 2022 , 156, 094704	3.9	
483	Hierarchical self-assembly into chiral nanostructures.. <i>Chemical Science</i> , 2022 , 13, 633-656	9.4	10
482	Dissymmetrical tails-regulated helical nanoarchitectonics of amphiphilic ornithines: nanotubes, bundles and twists.. <i>Nanoscale</i> , 2022 ,	7.7	2
481	Pd-Pd/PdO as active sites on intercalated graphene oxide modified by diaminobenzene: fabrication, catalysis properties, synergistic effects, and catalytic mechanism.. <i>RSC Advances</i> , 2022 , 12, 8600-8610	3.7	0
480	Double helical aggregate nanoarchitectonics for amplified circularly polarized luminescence.. <i>Nature Communications</i> , 2022 , 13, 1710	17.4	5
479	Fabrication and catalytic properties of edge like chiral imine Pd(II)/Cu(II)-bimetallic catalytic monolayer supported on graphene oxide for Suzuki coupling reaction. <i>Chemical Engineering Science</i> , 2022 , 253, 117604	4.4	0
478	Self-Assembled Multi-Component Supramolecular Catalysts for Asymmetric Reactions 2022 , 107-116		
477	In Situ Probe Supramolecular Self-Assembly Dynamics and Chirality Transfer Mechanism at Air-Water Interface.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 3523-3528	6.4	0
476	Excitation-Dependent Circularly Polarized Luminescence from Helical Assemblies Based on Tartaric Acid-Derived Acylhydrazones.. <i>Angewandte Chemie - International Edition</i> , 2022 , e202205633	16.4	2
475	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021 , 64, 2060	7.9	46
474	Selenocystine and Photo-Irradiation Directed Growth of Helically Grooved Gold Nanoarrows. <i>Small</i> , 2021 , e2104301	11	1
473	Recent Progress on Two-Dimensional Materials. <i>Wuli Huaxue Xuebao/Acta Physico-Chimica Sinica</i> , 2021 , 2108017-0	3.8	69
472	Solvent-regulated chiral exciton coupling and CPL sign inversion of an amphiphilic glutamide-cyanostilbene. <i>Chemical Communications</i> , 2021 , 57, 11314-11317	5.8	2
471	Switchable Circularly Polarized Luminescence in Supramolecular Gels through Photomodulated FRET. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 15501-15508	9.5	10
470	Triple-Modulated Chiral Inversion of Co-Assembly System Based on Alanine Amphiphile and Cyanostilbene Derivative. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 18047-18055	9.5	9
469	Anchoring single Pt atoms and black phosphorene dual co-catalysts on CdS nanospheres to boost visible-light photocatalytic H ₂ evolution. <i>Nano Today</i> , 2021 , 37, 101080	17.9	52
468	Endowing Phosphor Materials with Long-Afterglow Circularly Polarized Phosphorescence via Ball Milling. <i>Advanced Optical Materials</i> , 2021 , 9, 2100452	8.1	10

467	Bamboo-like π Nanotubes with Tunable Helicity and Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16615-16621	16.4	11
466	Bamboo-like π Nanotubes with Tunable Helicity and Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2021 , 133, 16751-16757	3.6	0
465	Chiral V-shaped Pyrenes: Hexagonal Packing, Superhelix, and Amplified Chiroptical Performance. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19451-19457	16.4	10
464	Chiral V-shaped Pyrenes: Hexagonal Packing, Superhelix, and Amplified Chiroptical Performance. <i>Angewandte Chemie</i> , 2021 , 133, 19600-19606	3.6	2
463	Circularly Polarized Luminescence from Solvent-Free Chiral Organic π Liquids. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3745-3751	16.4	11
462	Circularly Polarized Luminescence from Solvent-Free Chiral Organic π Liquids. <i>Angewandte Chemie</i> , 2021 , 133, 3789-3795	3.6	5
461	Regulation of the bi-color fluorescence changes of AIE supramolecular self-assembly gels by interaction with Al ³⁺ and energy transfer. <i>Materials Advances</i> , 2021 , 2, 6075-6082	3.3	2
460	Intelligent writable material based on a supramolecular self-assembly gel. <i>Soft Matter</i> , 2021 , 17, 1463-1467	3.6	3
459	Efficient artificial light-harvesting systems based on aggregation-induced emission in supramolecular gels. <i>Soft Matter</i> , 2021 , 17, 7813-7816	3.6	4
458	0D, 1D, and 2D Supramolecular Nanoassemblies of a Porphyrin: Controllable Assembly, and Dimensionality-Dependent Catalytic Performances. <i>Advanced Functional Materials</i> , 2021 , 31, 2100367	15.6	15
457	Steering Nanohelix and Upconverted Circularly Polarized Luminescence by Using Completely Achiral Components. <i>ACS Nano</i> , 2021 , 15, 2753-2761	16.7	18
456	Sandwich structured aryl-diimine Pd (II)/Co (II) monolayer fabrication, catalytic performance, synergistic effect and mechanism investigation. <i>Molecular Catalysis</i> , 2021 , 501, 111359	3.3	2
455	Helicenes at Air/Water Interface: Spreading Film and Metal Ion Induced a Helical Ring Nanostructure. <i>Langmuir</i> , 2021 , 37, 10241-10247	4	0
454	Steering Triplet-Triplet Annihilation Upconversion through Enantioselective Self-Assembly in a Supramolecular Gel. <i>Journal of the American Chemical Society</i> , 2021 , 143, 13259-13265	16.4	5
453	Self-Assembly and Circularly Polarized Luminescence from Achiral Pyrene-Adamantane Conjugates by Selective Inclusion with Cyclodextrins. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 7491-7496	6.4	2
452	Helically Grooved Gold Nanoarrows: Controlled Fabrication, Superhelix, and Transcribed Chiroptical Switching. <i>CCS Chemistry</i> , 2021 , 3, 2473-2484	7.2	2
451	Halogen Bonded Chiral Emitters: Generation of Chiral Fractal Architecture with Amplified Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22711-22716	16.4	5
450	Tunable Circularly Polarized Luminescence from Single Crystal and Powder of the Simplest Tetraphenylethylene Helicate. <i>ACS Nano</i> , 2021 , 15, 16673-16682	16.7	10

449	Halogen Bonded Chiral Emitters: Generation of Chiral Fractal Architecture with Amplified Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2021 , 133, 22893	3.6	2
448	Inversing supramolecular chirality and boosting circularly polarized luminescence of pyrene moieties a gel matrix. <i>Soft Matter</i> , 2021 , 17, 4328-4334	3.6	3
447	A New ternary organometallic Pd(ii)/Fe(iii)/Ru(iii) self-assembly monolayer: the essential ensemble synergistic for improving catalytic activity.. <i>RSC Advances</i> , 2021 , 11, 1250-1260	3.7	1
446	Induced and Inversed Circularly Polarized Luminescence of Achiral Thioflavin T Assembled on Peptide Fibril. <i>Small</i> , 2021 , e2106130	11	0
445	Hindered Tetraphenylethylene Helicates: Chiral Fluorophores with Deep-Blue Emission, Multiple-Color CPL, and Chiral Recognition Ability.. <i>Angewandte Chemie - International Edition</i> , 2021 , e202115216	16.4	7
444	Solvent-Modulated Chiral Self-Assembly: Selective Formation of Helical Nanotubes, Nanotwists, and Energy Transfer.. <i>ACS Applied Materials & Interfaces</i> , 2021 ,	9.5	4
443	Chiral Reticular Self-Assembly of Achiral AIEgen into Optically Pure MetalOrganic Frameworks (MOFs) with Dual Mechano-Switchable Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2020 , 132, 12911-12916	3.6	7
442	Guanosine Assembly Enabled Gold Nanorods with Dual Thermo- and Photoswitchable Plasmonic Chiroptical Activity. <i>ACS Nano</i> , 2020 , 14, 6087-6096	16.7	16
441	Histidine Proton Shuttle-Initiated Switchable Inversion of Circularly Polarized Luminescence. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 18148-18156	9.5	25
440	Self-assembly Palladacycle Thiophene Imine MonolayerInvestigating on Catalytic Activity and Mechanism for Coupling Reaction. <i>Chemical Research in Chinese Universities</i> , 2020 , 36, 821-828	2.2	3
439	A self-assembled nanohelix for white circularly polarized luminescence via chirality and energy transfer. <i>Nanoscale</i> , 2020 , 12, 7895-7901	7.7	12
438	Terpyridine-based Pd(ii)/Ni(ii) organometallic framework nano-sheets supported on graphene oxide-investigating the fabrication, tuning of catalytic properties and synergetic effects.. <i>RSC Advances</i> , 2020 , 10, 23080-23090	3.7	4
437	New Perspectives to Trigger and Modulate Circularly Polarized Luminescence of Complex and Aggregated Systems: Energy Transfer, Photon Upconversion, Charge Transfer, and Organic Radical. <i>Accounts of Chemical Research</i> , 2020 , 53, 1279-1292	24.3	100
436	Self-assembly of isomeric naphthalene appended glucono derivatives: nanofibers and nanotwists with circularly polarized luminescence emission. <i>Soft Matter</i> , 2020 , 16, 4115-4120	3.6	10
435	Emerging Cubic Chirality in MOF-MOF for Fabricating Circularly Polarized Luminescent Crystalline Materials and the Size Effect. <i>Angewandte Chemie</i> , 2020 , 132, 4983-4988	3.6	11
434	Enhanced DNA Sensing and Chiroptical Performance by Restriction of Double-Bond Rotation of AIE-Tetraphenylethylene Macrocycle Diammoniums. <i>Organic Letters</i> , 2020 , 22, 1836-1840	6.2	17
433	Self-assembly of pyrene-appended glucono gelators: spacer regulated morphological change and inversion of circularly polarized luminescence.. <i>RSC Advances</i> , 2020 , 10, 6772-6776	3.7	3
432	Multi-color tunable circularly polarized luminescence in one single AIE system. <i>Chemical Science</i> , 2020 , 11, 2169-2174	9.4	35

431	High-performance natural-sunlight-driven Ag/AgCl photocatalysts with a cube-like morphology and blunt edges via a bola-type surfactant-assisted synthesis. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 3940-3952	3.6	10
430	Facile synthesis of new polyhedron-like WO ₃ /butterfly-like Ag ₂ MoO ₄ pñ junction photocatalysts with higher photocatalytic activity in UV/solar region light. <i>New Journal of Chemistry</i> , 2020 , 44, 3194-3203	3.6	7
429	Emerging Cubic Chirality in CD-MOF for Fabricating Circularly Polarized Luminescent Crystalline Materials and the Size Effect. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4953-4958	16.4	44
428	Dimension-Tunable Circularly Polarized Luminescent Nanoassemblies with Emerging Selective Chirality and Energy Transfer. <i>ACS Nano</i> , 2020 , 14, 2373-2384	16.7	26
427	Chiral Reticular Self-Assembly of Achiral AIEgen into Optically Pure Metal-Organic Frameworks (MOFs) with Dual Mechano-Switchable Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 12811-12816	16.4	48
426	Dual-Mode Induction of Tunable Circularly Polarized Luminescence from Chiral Metal-Organic Frameworks. <i>Research</i> , 2020 , 2020, 6452123	7.8	20
425	Circularly Polarized Luminescence from Gelator Molecules: From Isolated Molecules to Assemblies 2020 , 249-272		1
424	Chiral recognition and enantiomer excess determination based on emission wavelength change of AIEgen rotor. <i>Nature Communications</i> , 2020 , 11, 161	17.4	19
423	Self-assembly of chiral supra-amphiphiles. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 155-167	7.8	17
422	Interfacial assembled Langmuir films of isomeric lipid derivative: Effect of hydrogen bond and chirality transfer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 586, 124280	5.1	
421	Circularly Polarized Luminescence of Aluminum Complexes for Chiral Sensing of Amino Acid and Amino Alcohol. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 319-324	4.5	7
420	Novel ordered cyclopalladated aryl imine monolayers Structure Designing for Enhancing Catalytic Performance. <i>Molecular Catalysis</i> , 2020 , 482, 110671	3.3	6
419	Mechanically Controlled and Consecutively Boosted Circularly Polarized Luminescence of Nanoassemblies from Achiral Molecules. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 17274-17281	3.8	11
418	Self-assembled Mbius strips with controlled helicity. <i>Nature Communications</i> , 2020 , 11, 5910	17.4	15
417	Metal Ion Mediation of Interfacial Chiral Supramolecular Formation of Amphiphilic Schiff Bases Studied by In Situ Second Harmonic Generation. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 8179-8187	3.4	2
416	Circularly Polarized Luminescence of Langmuir-Schaefer Films of Amphiphilic Stilbene Enhanced via Interfacial Reaction with Cyclodextrins. <i>Langmuir</i> , 2020 , 36, 12366-12374	4	2
415	Supramolecular chiroptical switches. <i>Chemical Society Reviews</i> , 2020 , 49, 9095-9120	58.5	65
414	Alkaline-Earth Metal Ion Turn-On Circularly Polarized Luminescence and Encrypted Selective Recognition of AMP. <i>Small Methods</i> , 2020 , 4, 2000493	12.8	5

4 ¹³	The largest CPL enhancement by further assembly of self-assembled superhelices based on the helical TPE macrocycle. <i>Materials Horizons</i> , 2020 , 7, 3209-3216	14.4	27
4 ¹²	Circularly polarized luminescence of nanoassemblies via multi-dimensional chiral architecture control. <i>Nanoscale</i> , 2020 , 12, 19497-19515	7.7	25
4 ¹¹	Circularly Polarized Luminescence in Nanoassemblies: Generation, Amplification, and Application. <i>Advanced Materials</i> , 2020 , 32, e1900110	24	283
4 ¹⁰	Significantly Boosted and Inversed Circularly Polarized Luminescence from Photogenerated Radical Anions in Dipeptide Naphthalenediimide Assemblies. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 5861-5867	6.4	24
4 ⁰⁹	Asymmetric catalysis mediated by a mirror symmetry-broken helical nanoribbon. <i>Nature Communications</i> , 2019 , 10, 3976	17.4	42
4 ⁰⁸	Host-guest interaction enabled chiroptical photo-switching and enhanced circularly polarized luminescence. <i>Chemical Communications</i> , 2019 , 55, 11747-11750	5.8	24
4 ⁰⁷	Chiral nanostructures self-assembled from nitrocinnamic amide amphiphiles: substituent and solvent effects. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 1608-1617	3	3
4 ⁰⁶	Towards homochiral supramolecular entities from achiral molecules by vortex mixing-accompanied self-assembly. <i>Chemical Science</i> , 2019 , 10, 2718-2724	9.4	37
4 ⁰⁵	Nanoarchitectonics through supramolecular gelation: formation and switching of diverse nanostructures. <i>Molecular Systems Design and Engineering</i> , 2019 , 4, 11-28	4.6	29
4 ⁰⁴	Optically Active Upconverting Nanoparticles with Induced Circularly Polarized Luminescence and Enantioselectively Triggered Photopolymerization. <i>ACS Nano</i> , 2019 , 13, 2804-2811	16.7	74
4 ⁰³	Stoichiometry-controlled inversion of circularly polarized luminescence in co-assembly of chiral gelators with an achiral tetraphenylethylene derivative. <i>Chemical Communications</i> , 2019 , 55, 2194-2197	5.8	35
4 ⁰²	Spreading Films of Anthracene-Containing Gelator Molecules at the Air/Water Interface: Nanorod and Circularly Polarized Luminescence. <i>Langmuir</i> , 2019 , 35, 2772-2779	4	9
4 ⁰¹	The self-assembly and chiroptical properties of tetraphenylethylene dicycle tetracholesterol with an AIE effect. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 8236-8243	7.1	15
4 ⁰⁰	Two-Photon Absorption-Based Upconverted Circularly Polarized Luminescence Generated in Chiral Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 3290-3295	6.4	70
399	Boosting the circularly polarized luminescence of small organic molecules multi-dimensional morphology control. <i>Chemical Science</i> , 2019 , 10, 6821-6827	9.4	97
398	Homo- and heterochirality regulated blue and red phase polymerization of diacetylene with enantiomeric and racemic gelators. <i>European Polymer Journal</i> , 2019 , 118, 146-152	5.2	6
397	Dual function of graphene oxide for assisted exfoliation of black phosphorus and electron shuttle in promoting visible and near-infrared photocatalytic H ₂ evolution. <i>Applied Catalysis B: Environmental</i> , 2019 , 256, 117864	21.8	31
396	Cooperative Action of Laser-Induced Thermal Effects and Ionic Coordination on the Order of TPPA0 Porphyrin Derivatives Self-Assembled Interface Probed via Real-Time Second Harmonic Generation. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 11798-11806	3.8	2

395	Switchable circularly polarized luminescence from a photoacid co-assembled organic nanotube. <i>Nanoscale</i> , 2019 , 11, 10504-10510	7.7	10
394	Sub-10 nm Ag Nanoparticles/Graphene Oxide: Controllable Synthesis, Size-Dependent and Extremely Ultrahigh Catalytic Activity. <i>Small</i> , 2019 , 15, e1901701	11	14
393	Homochiral nanotubes from heterochiral lipid mixtures: a shorter alkyl chain dominated chiral self-assembly. <i>Chemical Science</i> , 2019 , 10, 3873-3880	9.4	7
392	Self-Assembly through Coordination and π -Stacking: Controlled Switching of Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2019 , 131, 6007-6011	3.6	21
391	Multifunctional BiF:Ln (Ln = Ho, Er, Tm)/Yb nanoparticles: an investigation on the emission color tuning, thermosensitivity, and bioimaging.. <i>RSC Advances</i> , 2019 , 9, 10889-10896	3.7	11
390	Enhanced Circularly Polarized Luminescence in Emissive Charge-Transfer Complexes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7013-7019	16.4	97
389	Schiff-based Pd(II)/Fe(III) bimetallic self-assembly monolayer---preparation, structure, catalytic dynamic and synergistic. <i>Molecular Catalysis</i> , 2019 , 469, 75-86	3.3	10
388	Enhanced Circularly Polarized Luminescence in Emissive Charge-Transfer Complexes. <i>Angewandte Chemie</i> , 2019 , 131, 7087-7093	3.6	26
387	Enhanced Circularly Polarized Luminescence from Reorganized Chiral Emitters on the Skeleton of a Zeolitic Imidazolate Framework. <i>Angewandte Chemie</i> , 2019 , 131, 5032-5036	3.6	22
386	Enhanced Circularly Polarized Luminescence from Reorganized Chiral Emitters on the Skeleton of a Zeolitic Imidazolate Framework. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4978-4982	16.4	70
385	Self-assembled organic nanotube promoted allylation of ketones in aqueous phase. <i>Chemical Communications</i> , 2019 , 55, 3254-3257	5.8	1
384	The chiral amine triggered self-assembly of achiral emissive molecules into circularly polarized luminescent supramolecular assemblies. <i>Chemical Communications</i> , 2019 , 55, 11135-11138	5.8	10
383	Water inversed helicity of nanostructures from ionic self-assembly of a chiral gelator and an achiral component. <i>Soft Matter</i> , 2019 , 15, 6557-6563	3.6	5
382	Controlled distribution of active centre to enhance catalytic activity of ordered Pd/Co catalytic nano-monolayer. <i>Journal of Catalysis</i> , 2019 , 376, 228-237	7.3	6
381	Symmetry Breaking in Self-Assembled Nanoassemblies. <i>Symmetry</i> , 2019 , 11, 950	2.7	16
380	Self-Assembly through Coordination and π -Stacking: Controlled Switching of Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5946-5950	16.4	94
379	Investigation of the kinetics and mechanism of Z-scheme Ag ₃ PO ₄ /WO ₃ p <i>n</i> junction photocatalysts with enhanced removal efficiency for RhB. <i>New Journal of Chemistry</i> , 2019 , 43, 17104-17115	3.6	21
378	Photon Upconverted Circularly Polarized Luminescence via Triplet-Triplet Annihilation. <i>Advanced Materials</i> , 2019 , 31, e1805683	24	31

377	Cooperative Chirality and Sequential Energy Transfer in a Supramolecular Light-Harvesting Nanotube. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 844-848	16.4	124
376	Cooperative Chirality and Sequential Energy Transfer in a Supramolecular Light-Harvesting Nanotube. <i>Angewandte Chemie</i> , 2019 , 131, 854-858	3.6	27
375	Helical Nanostructures: Chirality Transfer and a Photodriven Transformation from Superhelix to Nanokebab. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 785-790	16.4	83
374	Light-triggered self-assembly of a cyanostilbene-conjugated glutamide from nanobelts to nanotoroids and inversion of circularly polarized luminescence. <i>Chemical Communications</i> , 2018 , 54, 4513-4516	5.8	37
373	Platinized spherical supramolecular nanoassemblies of a porphyrin: facile synthesis and excellent catalytic recyclability. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 8488-8497	3.6	9
372	Chiroptical property of TPE triangular macrocycle crown ethers from propeller-like chirality induced by chiral acids. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 3427-3434	7.1	20
371	Circularly Polarized Luminescence from a Pyrene-Cyclodextrin Supra-Dendron. <i>Langmuir</i> , 2018 , 34, 5821-5830	4.8	30
370	Chiral Perovskite Nanocrystals: Endowing Perovskite Nanocrystals with Circularly Polarized Luminescence (Adv. Mater. 12/2018). <i>Advanced Materials</i> , 2018 , 30, 1870081	24	4
369	Opposite Enantioselectivity by Nanotubes and Nanospheres Self-Assembled from Dirhodium(II) and an L-Glutamic Acid Terminated Bolaamphiphile. <i>ChemCatChem</i> , 2018 , 10, 2190-2194	5.2	8
368	Photoirradiation-generated radicals in two-component supramolecular gel for polymerization. <i>Soft Matter</i> , 2018 , 14, 2295-2300	3.6	4
367	Self-Assembly and Directed Assembly 2018 , 165-186		0
366	Endowing Perovskite Nanocrystals with Circularly Polarized Luminescence. <i>Advanced Materials</i> , 2018 , 30, e1705011	24	139
365	Alanine-Based Chiral Metallogels via Supramolecular Coordination Complex Platforms: Metallogelation Induced Chirality Transfer. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3257-3263	16.4	72
364	Achiral non-fluorescent molecule assisted enhancement of circularly polarized luminescence in naphthalene substituted histidine organogels. <i>Chemical Communications</i> , 2018 , 54, 1137-1140	5.8	23
363	Double layer zinc-UDP coordination polymers: structure and properties. <i>Dalton Transactions</i> , 2018 , 47, 14174-14178	4.3	3
362	Nanotrumpets and circularly polarized luminescent nanotwists hierarchically self-assembled from an achiral C-symmetric ester. <i>Chemical Communications</i> , 2018 , 54, 4025-4028	5.8	27
361	Transfer of molecular chirality to spiral nanostructure in the interfacial mixed amphiphilic diacetylene/histidine monolayers via in situ topochemical photopolymerization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 355, 283-289	4.7	4
360	Palladium-directed self-assembly of multi-titanium(IV)-porphyrin arrays on the substrate surface as sensitive ultrathin films for hydrogen peroxide sensing, photocurrent generation, and photochromism of viologen. <i>Applied Surface Science</i> , 2018 , 427, 1003-1010	6.7	12

359	Roles of Long-Range Hopping, Quantum Nuclear Effect, and Exciton Delocalization in Exciton Transport in Organic Semiconductors: A Multiscale Study. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 18365-18375	3.8	10
358	Self-Assembly of Amphiphilic Dipeptide with Homo- and Heterochiral Centers and Their Application in Asymmetric Aldol Reaction. <i>ACS Omega</i> , 2018 , 3, 8329-8336	3.9	20
357	Anchoring black phosphorus quantum dots on molybdenum disulfide nanosheets: a 0D/2D nanohybrid with enhanced visible and NIR light photoactivity. <i>Applied Catalysis B: Environmental</i> , 2018 , 238, 444-453	21.8	49
356	Proton triggered circularly polarized luminescence in orthogonal- and co-assemblies of chiral gelators with achiral perylene bisimide. <i>Chemical Communications</i> , 2018 , 54, 5630-5633	5.8	34
355	Supramolecular gelators: towards the design of molecular gels. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2885-2900	5.2	74
354	Hybrid 0D/2D black phosphorus quantum dots/graphitic carbon nitride nanosheets for efficient hydrogen evolution. <i>Nano Energy</i> , 2018 , 50, 552-561	17.1	102
353	Dual Upconverted and Downconverted Circularly Polarized Luminescence in Donor-Acceptor Assemblies. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9357-9361	16.4	44
352	Dual Upconverted and Downconverted Circularly Polarized Luminescence in Donor-Acceptor Assemblies. <i>Angewandte Chemie</i> , 2018 , 130, 9501-9505	3.6	20
351	Fabrication of Supramolecular Chirality from Achiral Molecules at the Liquid/Liquid Interface Studied by Second Harmonic Generation. <i>Langmuir</i> , 2018 , 34, 139-146	4	7
350	Photon upconversion in organic nanoparticles and subsequent amplification by plasmonic silver nanowires. <i>Nanoscale</i> , 2018 , 10, 985-991	7.7	10
349	Emissive intelligent supramolecular gel for highly selective sensing of Al and writable soft material. <i>Chemical Communications</i> , 2018 , 54, 13674-13677	5.8	26
348	Fabrication and catalytic properties of ordered cyclopalladated diimine monolayer : investigation on catalytic mechanism.. <i>RSC Advances</i> , 2018 , 8, 31860-31867	3.7	8
347	Helical Nanostructures: Chirality Transfer and a Photodriven Transformation from Superhelix to Nanokebab. <i>Angewandte Chemie</i> , 2018 , 131, 795	3.6	1
346	Self-Assembly of Amphiphilic Schiff Base and Selectively Turn on Circularly Polarized Luminescence by Al. <i>Langmuir</i> , 2018 , 34, 14402-14409	4	27
345	Enantioselective Activity of Hemin in Supramolecular Gels Formed by Co-Assembly with a Chiral Gelator. <i>ChemPlusChem</i> , 2018 , 83, 1038-1043	2.8	7
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51	Supramolecular Chirality of Achiral TPPS Complexed with Chiral Molecular Films. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 12768-12773	3-4	70
50	Ultrasonication-Induced Formation of Silver Nanofibers in Reverse Micelles and Small-Angle X-ray Scattering Studies. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 3679-3683	3-4	57
49	Chirality of photopolymerized organized supramolecular polydiacetylene films. <i>Chemical Communications</i> , 2003 , 66-7	5.8	63
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