

# Minghua Liu

## List of Publications by Citations

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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	Supramolecular Chirality in Self-Assembled Systems. <i>Chemical Reviews</i> , <b>2015</b> , 115, 7304-97	68.1	1128
483	Graphene oxide enwrapped Ag/AgX (X = Br, Cl) nanocomposite as a highly efficient visible-light plasmonic photocatalyst. <i>ACS Nano</i> , <b>2011</b> , 5, 4529-36	16.7	633
482	Circularly Polarized Luminescence in Nanoassemblies: Generation, Amplification, and Application. <i>Advanced Materials</i> , <b>2020</b> , 32, e1900110	24	283
481	Chirality and energy transfer amplified circularly polarized luminescence in composite nanohelix. <i>Nature Communications</i> , <b>2017</b> , 8, 15727	17.4	261
480	Black phosphorus nanostructures: recent advances in hybridization, doping and functionalization. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 3492-3509	58.5	239
479	Hierarchical Self-Assembly of Discrete Organoplatinum(II) Metallacycles with Polysaccharide via Electrostatic Interactions and Their Application for Heparin Detection. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 11725-35	16.4	224
478	Self-Assembled Luminescent Quantum Dots To Generate Full-Color and White Circularly Polarized Light. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 12174-12178	16.4	222
477	Self-assembled spiral nanoarchitecture and supramolecular chirality in Langmuir-Blodgett films of an achiral amphiphilic barbituric acid. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 1322-3	16.4	208
476	Chiral molecular assemblies from a novel achiral amphiphilic 2-(heptadecyl) naphtha[2,3]imidazole through interfacial coordination. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 5051-6	16.4	208
475	Ag/AgBr/graphene oxide nanocomposite synthesized via oil/water and water/oil microemulsions: a comparison of sunlight energized plasmonic photocatalytic activity. <i>Langmuir</i> , <b>2012</b> , 28, 3385-90	4	191
474	Chiral Nanoarchitectonics: Towards the Design, Self-Assembly, and Function of Nanoscale Chiral Twists and Helices. <i>Advanced Materials</i> , <b>2016</b> , 28, 1044-59	24	190
473	Gelation induced supramolecular chirality: chirality transfer, amplification and application. <i>Soft Matter</i> , <b>2014</b> , 10, 5428-48	3.6	188
472	Full-Color Tunable Circularly Polarized Luminescent Nanoassemblies of Achiral AIEgens in Confined Chiral Nanotubes. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606503	24	181
471	Construction of Smart Supramolecular Polymeric Hydrogels Cross-linked by Discrete Organoplatinum(II) Metallacycles via Post-Assembly Polymerization. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 4927-37	16.4	169
470	Symmetry Breaking in the Supramolecular Gels of an Achiral Gelator Exclusively Driven by $\pi$ Stacking. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 16109-15	16.4	166
469	The Fixed Propeller-Like Conformation of Tetraphenylethylene that Reveals Aggregation-Induced Emission Effect, Chiral Recognition, and Enhanced Chiroptical Property. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 11469-72	16.4	159
468	Strong circularly polarized luminescence from the supramolecular gels of an achiral gelator: tunable intensity and handedness. <i>Chemical Science</i> , <b>2015</b> , 6, 4267-4272	9.4	156

467	Evolution of various porphyrin nanostructures via an oil/aqueous medium: controlled self-assembly, further organization, and supramolecular chirality. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 9644-52	16.4	151
466	Supramolecular chirality in self-assembled soft materials: regulation of chiral nanostructures and chiral functions. <i>Advanced Materials</i> , <b>2014</b> , 26, 6959-64	24	148
465	Colorimetric Detection of Escherichia coli by Polydiacetylene Vesicles Functionalized with Glycolipid. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 12678-12679	16.4	146
464	Amplification of Circularly Polarized Luminescence through Triplet-Triplet Annihilation-Based Photon Upconversion. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9783-9786	16.4	143
463	Endowing Perovskite Nanocrystals with Circularly Polarized Luminescence. <i>Advanced Materials</i> , <b>2018</b> , 30, e1705011	24	139
462	Surface-Structure Sensitivity of CeO <sub>2</sub> Nanocrystals in Photocatalysis and Enhancing the Reactivity with Nanogold. <i>ACS Catalysis</i> , <b>2015</b> , 5, 4385-4393	13.1	127
461	Sunlight-driven plasmonic photocatalysts based on Ag/AgCl nanostructures synthesized via an oil-in-water medium: enhanced catalytic performance by morphology selection. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 16413		127
460	Self-assembly of racemic alanine derivatives: unexpected chiral twist and enhanced capacity for the discrimination of chiral species. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 4122-6	16.4	126
459	Cooperative Chirality and Sequential Energy Transfer in a Supramolecular Light-Harvesting Nanotube. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 844-848	16.4	124
458	Metal ion modulated organization and function of the Langmuir-Blodgett films of amphiphilic diacetylene: photopolymerization, thermochromism, and supramolecular chirality. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 114-9	3.4	123
457	Gelating-induced supramolecular chirality of achiral porphyrins: chiroptical switch between achiral molecules and chiral assemblies. <i>Soft Matter</i> , <b>2007</b> , 3, 1312-1317	3.6	122
456	Macroscopic chirality of supramolecular gels formed from achiral tris(ethyl cinnamate) benzene-1,3,5-tricarboxamides. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 13424-8	16.4	121
455	Self-assembly of copper(II) ion-mediated nanotube and its supramolecular chiral catalytic behavior. <i>Langmuir</i> , <b>2011</b> , 27, 13847-53	4	120
454	Fabrication of Chiral Langmuir-Schaefer Films from Achiral TPPS and Amphiphiles through the Adsorption at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 2565-2569	3.4	119
453	Gemini Surfactant/DNA Complex Monolayers at the Air/Water Interface: Effect of Surfactant Structure on the Assembly, Stability, and Topography of Monolayers. <i>Langmuir</i> , <b>2002</b> , 18, 6222-6228	4	119
452	Solvent-polarity-tuned morphology and inversion of supramolecular chirality in a self-assembled pyridylpyrazole-linked glutamide derivative: nanofibers, nanotwists, nanotubes, and microtubes. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 9234-41	4.8	113
451	Bandgap- and Local Field-Dependent Photoactivity of Ag/Black Phosphorus Nanohybrids. <i>ACS Catalysis</i> , <b>2016</b> , 6, 8009-8020	13.1	112
450	Multiresponsive chiroptical switch of an azobenzene-containing lipid: solvent, temperature, and photoregulated supramolecular chirality. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 3322-9	3.4	112

449	Self-Assembled Single-Walled Metal-Helical Nanotube (M-HN): Creation of Efficient Supramolecular Catalysts for Asymmetric Reaction. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 15629-15635	16.4	108
448	Self-assembled helical spherical-nanotubes from an L-glutamic acid based bolaamphiphilic low molecular mass organogelator. <i>Chemical Communications</i> , <b>2005</b> , 462-4	5.8	107
447	Organometallic rotaxane dendrimers with fourth-generation mechanically interlocked branches. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 5597-601	11.5	105
446	Tuning soft nanostructures in self-assembled supramolecular gels: from morphology control to morphology-dependent functions. <i>Small</i> , <b>2015</b> , 11, 1025-38	11	104
445	Synthesis of well-defined copper nanocubes by a one-pot solution process. <i>Nanotechnology</i> , <b>2006</b> , 17, 6000-6006	3.4	104
444	Template-free synthesis of cube-like Ag/AgCl nanostructures via a direct-precipitation protocol: highly efficient sunlight-driven plasmonic photocatalysts. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 6386-92	9.5	103
443	Hybrid 0D/2D black phosphorus quantum dots/graphitic carbon nitride nanosheets for efficient hydrogen evolution. <i>Nano Energy</i> , <b>2018</b> , 50, 552-561	17.1	102
442	Controlled synthesis of double- and multiwall silver nanotubes with template organogel from a bolaamphiphile. <i>Langmuir</i> , <b>2006</b> , 22, 775-9	4	101
441	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> , <b>2020</b> , 53, 1279-1292	24.3	100
440	Boosting the circularly polarized luminescence of small organic molecules multi-dimensional morphology control. <i>Chemical Science</i> , <b>2019</b> , 10, 6821-6827	9.4	97
439	Enhanced Circularly Polarized Luminescence in Emissive Charge-Transfer Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 7013-7019	16.4	97
438	Hierarchical self-assembly of amphiphilic peptide dendrons: evolution of diverse chiral nanostructures through hydrogel formation over a wide pH range. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 6389-95	4.8	96
437	Self-assembled ultralong chiral nanotubes and tuning of their chirality through the mixing of enantiomeric components. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 8034-40	4.8	95
436	Self-Assembly through Coordination and $\pi$ -Stacking: Controlled Switching of Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 5946-5950	16.4	94
435	High-performance visible-light-driven plasmonic photocatalysts Ag/AgCl with controlled size and shape using graphene oxide as capping agent and catalyst promoter. <i>Langmuir</i> , <b>2013</b> , 29, 9259-68	4	92
434	Highly efficient visible-light-driven plasmonic photocatalysts based on graphene oxide-hybridized one-dimensional Ag/AgCl heteroarchitectures. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 21487		92
433	One-dimensional porphyrin nanoassemblies assisted via graphene oxide: sheetlike functional surfactant and enhanced photocatalytic behaviors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 5336-45	9.5	92
432	Water tuned the helical nanostructures and supramolecular chirality in organogels. <i>Chemical Communications</i> , <b>2014</b> , 50, 3702-5	5.8	90

431	Amphiphilic Schiff base organogels: metal-ion-mediated chiral twists and chiral recognition. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 4916-22	4.8	88
430	Ultrasound induced formation of organogel from a glutamic dendron. <i>Tetrahedron</i> , <b>2007</b> , 63, 7468-7473	2.4	86
429	Porphyrin Supramolecular 1D Structures via Surfactant-Assisted Self-Assembly. <i>Advanced Materials</i> , <b>2015</b> , 27, 5379-87	24	85
428	Morphology-dependent supramolecular photocatalytic performance of porphyrin nanoassemblies: from molecule to artificial supramolecular nanoantenna. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 20243		85
427	Role of Achiral Nucleobases in Multicomponent Chiral Self-Assembly: Purine-Triggered Helix and Chirality Transfer. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 15062-15066	16.4	84
426	Layer-by-Layer Assembly of DNA Films and Their Interactions with Dyes. <i>Journal of Physical Chemistry B</i> , <b>1999</b> , 103, 11393-11397	3.4	84
425	Helical Nanostructures: Chirality Transfer and a Photodriven Transformation from Superhelix to Nanokebab. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 785-790	16.4	83
424	Electric current induced reduction of graphene oxide and its application as gap electrodes in organic photoswitching devices. <i>Advanced Materials</i> , <b>2010</b> , 22, 5008-12	24	81
423	Stimulus-Responsive Plasmonic Chiral Signals of Gold Nanorods Organized on DNA Origami. <i>Nano Letters</i> , <b>2017</b> , 17, 7125-7130	11.5	79
422	Hierarchical self-assembly of achiral amino acid derivatives into dendritic chiral nanotwists. <i>Langmuir</i> , <b>2012</b> , 28, 15410-7	4	79
421	Regulation of the chiral twist and supramolecular chirality in co-assemblies of amphiphilic L-glutamic acid with bipyridines. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 3429-37	4.8	77
420	Creating chirality in the inner walls of silica nanotubes through a hydrogel template: chiral transcription and chiroptical switch. <i>Chemical Communications</i> , <b>2010</b> , 46, 7178-80	5.8	76
419	Universal chiral twist via metal ion induction in the organogel of terephthalic acid substituted amphiphilic L-glutamide. <i>Chemical Communications</i> , <b>2012</b> , 48, 7501-3	5.8	75
418	A Supramolecular Chiroptical Switch Exclusively from an Achiral Amphiphile. <i>Advanced Materials</i> , <b>2006</b> , 18, 177-180	24	75
417	Optically Active Upconverting Nanoparticles with Induced Circularly Polarized Luminescence and Enantioselectively Triggered Photopolymerization. <i>ACS Nano</i> , <b>2019</b> , 13, 2804-2811	16.7	74
416	Supramolecular gelatons: towards the design of molecular gels. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 2885-2900	5.2	74
415	Porphyrin nanoassemblies via surfactant-assisted assembly and single nanofiber nanoelectronic sensors for high-performance H <sub>2</sub> O vapor sensing. <i>ACS Nano</i> , <b>2014</b> , 8, 3402-11	16.7	74
414	Supramolecular assemblies and molecular recognition of amphiphilic schiff bases with barbituric acid in organized molecular films. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 2532-9	3.4	73

4 <sup>13</sup>	A Chiroptical Logic Circuit Based on Self-Assembled Soft Materials Containing Amphiphilic Spiropyran. <i>Advanced Materials</i> , <b>2016</b> , 28, 1644-9	24	73
4 <sup>12</sup>	Alanine-Based Chiral Metallogels via Supramolecular Coordination Complex Platforms: Metallogelation Induced Chirality Transfer. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 3257-3263	16.4	72
4 <sup>11</sup>	Controllable fabrication of supramolecular nanocoils and nanoribbons and their morphology-dependent photoswitching. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 2756-7	16.4	72
4 <sup>10</sup>	Two-Photon Absorption-Based Upconverted Circularly Polarized Luminescence Generated in Chiral Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 3290-3295	6.4	70
4 <sup>09</sup>	Enhanced Circularly Polarized Luminescence from Reorganized Chiral Emitters on the Skeleton of a Zeolitic Imidazolate Framework. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 4978-4982	16.4	70
4 <sup>08</sup>	Supramolecular Chirality of Achiral TPPS Complexed with Chiral Molecular Films. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 12768-12773	3.4	70
4 <sup>07</sup>	Design and self-assembly of L-glutamate-based aromatic dendrons as ambidextrous gelators of water and organic solvents. <i>Langmuir</i> , <b>2009</b> , 25, 8706-13	4	69
4 <sup>06</sup>	A general method for constructing optically active supramolecular assemblies from intrinsically achiral water-insoluble free-base porphyrins. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 1793-803	4.8	69
4 <sup>05</sup>	Recent Progress on Two-Dimensional Materials. <i>Wuli Huaxue Xuebao/Acta Physico-Chimica Sinica</i> , <b>2021</b> , 2108017-0	3.8	69
4 <sup>04</sup>	Hierarchical self-assembly of bolaamphiphiles with a hybrid spacer and L-glutamic acid headgroup: pH- and surface-triggered hydrogels, vesicles, nanofibers, and nanotubes. <i>Langmuir</i> , <b>2010</b> , 26, 18694-7004	7	67
4 <sup>03</sup>	H-bond and $\pi$ -stacking directed self-assembly of two-component supramolecular nanotubes: tuning length, diameter and wall thickness. <i>Chemical Communications</i> , <b>2014</b> , 50, 2096-9	5.8	66
4 <sup>02</sup>	Fabrication of chiral silver nanoparticles and chiral nanoparticulate film via organogel. <i>Chemical Communications</i> , <b>2008</b> , 5571-3	5.8	66
4 <sup>01</sup>	Supramolecular chiroptical switches. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 9095-9120	58.5	65
4 <sup>00</sup>	Hierarchical Self-Assembly of a Porphyrin into Chiral Macroscopic Flowers with Superhydrophobic and Enantioselective Property. <i>ACS Nano</i> , <b>2017</b> , 11, 12453-12460	16.7	63
399	Implantation of nanomaterials and nanostructures on surface and their applications. <i>Nano Today</i> , <b>2012</b> , 7, 258-281	17.9	63
398	Supramolecular chirality and chiral inversion of tetraphenylsulfonato porphyrin assemblies on optically active polylysine. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 14015-20	3.4	63
397	Chirality of photopolymerized organized supramolecular polydiacetylene films. <i>Chemical Communications</i> , <b>2003</b> , 66-7	5.8	63
396	From chemistry to nanoscience: not just a matter of size. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 2678-83	16.4	62



395	A dual-functional metallogel of amphiphilic copper(II) quinolinol: redox responsiveness and enantioselectivity. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 3029-36	4.8	62
394	Reversible Quadruple Switching with Optical, Chiroptical, Helicity, and Macropattern in Self-Assembled Spiropyran Gels. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1701368	15.6	61
393	Fabrication and photoluminescence of hybrid organized molecular films of a series of gemini amphiphiles and europium(III)-containing polyoxometalate. <i>Langmuir</i> , <b>2005</b> , 21, 11128-35	4	61
392	Supramolecular Assemblies between a New Series of Gemini-Type Amphiphiles and TPPS at the Air/Water Interface: Aggregation, Chirality, and Spacer Effect. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 7180-7185	3.4	61
391	Mastering Dendrimer Self-Assembly for Efficient siRNA Delivery: From Conceptual Design to In Vivo Efficient Gene Silencing. <i>Small</i> , <b>2016</b> , 12, 3667-76	11	61
390	Self-assembly and morphology control of new L-glutamic acid-based amphiphilic random copolymers: giant vesicles, vesicles, spheres, and honeycomb film. <i>Langmuir</i> , <b>2011</b> , 27, 12844-50	4	58
389	Enantioselective Recognition by Chiral Supramolecular Gels. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 2642-2649	4.5	58
388	Fabrication of Helical Nanoribbon Polydiacetylene via Supramolecular Gelation: Circularly Polarized Luminescence and Novel Diagnostic Chiroptical Signals for Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 30608-30615	9.5	57
387	Ultrasonication-Induced Formation of Silver Nanofibers in Reverse Micelles and Small-Angle X-ray Scattering Studies. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 3679-3683	3.4	57
386	Insights into the structure-photoreactivity relationships in well-defined perovskite ferroelectric KNbO nanowires. <i>Chemical Science</i> , <b>2015</b> , 6, 4118-4123	9.4	55
385	Supramolecular assemblies of amphiphilic L-proline regulated by compressed CO <sub>2</sub> as a recyclable organocatalyst for the asymmetric aldol reaction. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 7761-5	16.4	55
384	A metal ion triggered shrinkable supramolecular hydrogel and controlled release by an amphiphilic peptide dendron. <i>Chemical Communications</i> , <b>2013</b> , 49, 10823-5	5.8	54
383	Supramolecular polymer hydrogels from bolaamphiphilic L-histidine and benzene dicarboxylic acids: thixotropy and significant enhancement of Eu(III) fluorescence. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 14650-9	4.8	54
382	Pristine graphdiyne-hybridized photocatalysts using graphene oxide as a dual-functional coupling reagent. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 1217-25	3.6	53
381	Brewster angle microscopy study of poly(epsilon-caprolactone) crystal growth in Langmuir films at the air/water interface. <i>Langmuir</i> , <b>2006</b> , 22, 4902-5	4	53
380	Control over the emerging chirality in supramolecular gels and solutions by chiral microvortices in milliseconds. <i>Nature Communications</i> , <b>2018</b> , 9, 2599	17.4	53
379	Self-assembled supramolecular nanotube yarn. <i>Advanced Materials</i> , <b>2013</b> , 25, 5875-9	24	52
378	Isomeric effect in the self-assembly of pyridine-containing L-glutamic lipid: substituent position controlled morphology and supramolecular chirality. <i>Chemical Communications</i> , <b>2011</b> , 47, 5569-71	5.8	52

377	Aggregation and Induced Chirality of an Anionic meso-Tetraphenylsulfonato Porphyrin (TPPS) on a Layer-by-Layer Assembled DNA/PAH Matrix. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 2880-2884	3.4	52
376	Induced chirality of binary aggregates of oppositely charged water-soluble porphyrins on DNA matrix. <i>Journal of Inorganic Biochemistry</i> , <b>2003</b> , 94, 106-13	4.2	52
375	Anchoring single Pt atoms and black phosphorene dual co-catalysts on CdS nanospheres to boost visible-light photocatalytic H <sub>2</sub> evolution. <i>Nano Today</i> , <b>2021</b> , 37, 101080	17.9	52
374	Visible- and NIR-Light Responsive Black-Phosphorus-Based Nanostructures in Solar Fuel Production and Environmental Remediation. <i>Advanced Materials</i> , <b>2018</b> , 30, e1804770	24	52
373	Pyrene-functionalized organogel and spacer effect: from emissive nanofiber to nanotube and inversion of supramolecular chirality. <i>Soft Matter</i> , <b>2013</b> , 9, 7966	3.6	50
372	Highly Stable Graphene-Based Multilayer Films Immobilized via Covalent Bonds and Their Applications in Organic Field-Effect Transistors. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 2422-2435	15.6	50
371	Inter- and intra-molecular H-bonds induced different nanostructures from a multi-H-bonding (MHB) amphiphile: nanofibers and nanodisks. <i>Chemical Communications</i> , <b>2004</b> , 1174-5	5.8	50
370	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> , <b>2018</b> , 238, 444-453	21.8	49
369	Porphyrin assemblies via a surfactant-assisted method: from nanospheres to nanofibers with tunable length. <i>Langmuir</i> , <b>2012</b> , 28, 15482-90	4	49
368	Self-Assembled Polydiacetylene Vesicle and Helix with Chiral Interface for Visualized Enantioselective Recognition of Sulfinamide. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 37386-37394	9.4	48
367	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> , <b>2020</b> , 59, 12811-12816	16.4	48
366	Self-assembly of $\pi$ -conjugated gelators into emissive chiral nanotubes: emission enhancement and chiral detection. <i>Chemistry - an Asian Journal</i> , <b>2014</b> , 9, 770-8	4.5	48
365	Synthesis of Right- and Left-Handed Silver Nanohelices with a Racemic Gelator. <i>Langmuir</i> , <b>2003</b> , 19, 9440-9445	4.45	48
364	A dual thermal and photo-switchable shrinking-swelling supramolecular peptide dendron gel. <i>Chemical Communications</i> , <b>2016</b> , 52, 930-3	5.8	47
363	Self-assembled organic nanotubes through instant gelation and universal capacity for guest molecule encapsulation. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 5546-50	4.8	47
362	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , <b>2021</b> , 64, 2060	7.9	46
361	Organic Pollutant Photodecomposition by Ag/KNbO <sub>3</sub> Nanocomposites: A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 2777-2786	3.8	45
360	Gelation-induced visible supramolecular chiral recognition by fluorescent metal complexes of quinolinol-glutamide. <i>Langmuir</i> , <b>2013</b> , 29, 5435-42	4	45



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