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Chiral Inorganic Nanostructures

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542	DNA-Nanotechnology-Enabled Chiral Plasmonics: From Static to Dynamic. 2017 , 50, 2906-2914		108
541	Spectroscopic studies of chiral perovskite nanocrystals. 2017 , 111, 151102		50
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539	Aqueous Gold Overgrowth of Silver Nanoparticles: Merging the Plasmonic Properties of Silver with the Functionality of Gold. 2017 , 56, 15866-15870		34
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537	From Racemic Metal Nanoparticles to Optically Pure Enantiomers in One Pot. 2017 , 139, 16113-16116		82
536	Ligand-induced twisting of nanoplatelets and their self-assembly into chiral ribbons. 2017 , 3, e1701483	5	61
535	Biomolecule-Enabled Chiral Assembly of Plasmonic Nanostructures. 2017 , 3, 685-697		34
534	Systematic Adjustment of Pitch and Particle Dimensions within a Family of Chiral Plasmonic Gold Nanoparticle Single Helices. 2017 , 139, 15043-15048		41
533	Optical Anisotropy of Topologically Distorted Semiconductor Nanocrystals. 2017 , 17, 5514-5520		16
532	Chiral Ceramic Nanoparticles and Peptide Catalysis. 2017 , 139, 13701-13712		67
531	Circular Dichroism of CdSe Nanocrystals Bound by Chiral Carboxylic Acids. 2017, 11, 12240-12246		40
530	Hierarchical Self-Assembly of a Porphyrin into Chiral Macroscopic Flowers with Superhydrophobic and Enantioselective Property. 2017 , 11, 12453-12460		63
529	Biological Molecules-Governed Plasmonic Nanoparticle Dimers with Tailored Optical Behaviors. 2017 , 8, 5633-5642		24
528	Self-assembly of inorganic nanoparticles: Ab ovo. 2017 , 119, 66008		17

527	2D Chiroptical Nanostructures for High-Performance Photooxidants. 2018 , 28, 1707237	26
526	Optically active plasmonic resonance in self-assembled nanostructures. 2018 , 2, 662-678	30
525	Identifying peptide sequences that can control the assembly of gold nanostructures. 2018 , 3, 581-590	18
524	Chiral Plasmonic Nanostructures Fabricated by Circularly Polarized Light. 2018 , 18, 3209-3212	74
523	Amino-acid- and peptide-directed synthesis of chiral plasmonic gold nanoparticles. 2018, 556, 360-365	446
522	Nonnoble-Metal-Based Plasmonic Nanomaterials: Recent Advances and Future Perspectives. 2018 , 30, e1704528	102
521	Probing Adsorption Behaviors of BSA onto Chiral Surfaces of Nanoparticles. 2018 , 14, e1703982	38
520	Coupling of Elementary Electronic Excitations: Drawing Parallels Between Excitons and Plasmons. 2018 , 9, 919-932	16
519	From Symmetry Breaking to Unraveling the Origin of the Chirality of Ligated Au Cu Nanoclusters. 2018 , 57, 3421-3425	66
518	Induction of Chirality in Two-Dimensional Nanomaterials: Chiral 2D MoS Nanostructures. 2018 , 12, 954-964	54
517	Influence of CdSe and CdSe/CdS nanocrystals on the optical activity of chiral organic molecules. 2018 , 6, 1759-1766	6
516	Chiral Shell Core-Satellite Nanostructures for Ultrasensitive Detection of Mycotoxin. 2018 , 14, e1703931	40
515	From Symmetry Breaking to Unraveling the Origin of the Chirality of Ligated Au13Cu2 Nanoclusters. 2018 , 130, 3479-3483	19
514	Chiral, crosslinked, and micron-sized spheres of substituted polyacetylene prepared by precipitation polymerization. 2018 , 139, 76-85	11
513	An asymmetric tertiary carbon center with a tetrafluoroethylene (IF 2 CF 2 Ifragment: Novel construction method and application in a chiral liquid crystalline molecule. 2018, 207, 24-37	9
512	Tuning of chiral construction, structural diversity, scale transformation and chiroptical applications. 2018 , 5, 141-161	37
511	MnO-Nanosheet-Powered Protective Janus DNA Nanomachines Supporting Robust RNA Imaging. 2018 , 90, 2271-2276	36
510	Narrowing the Photoluminescence of Aqueous CdTe Quantum Dots via Ostwald Ripening Suppression Realized by Programmed Dropwise Precursor Addition. 2018 , 122, 11109-11118	12

509	Thermoresponsive PEG-Coated Nanotubes as Chiral Selectors of Amino Acids and Peptides. 2018 , 14, e1800030	16
508	Detection of amyloid fibrils in Parkinson's disease using plasmonic chirality. 2018 , 115, 3225-3230	124
507	DNA nanotechnology. 2018 , 3,	719
506	Cascaded signal amplification via target-triggered formation of aptazyme for sensitive electrochemical detection of ATP. 2018 , 102, 296-300	58
505	Preparation and Applications of Chiral Polymeric Particles. 2018 , 58, 1286-1298	6
504	Formation of Multicomponent Size-Sorted Assembly Patterns by Tunable Templated Dewetting. 2018 , 57, 16126-16130	17
503	Formation of Multicomponent Size-Sorted Assembly Patterns by Tunable Templated Dewetting. 2018 , 130, 16358-16362	6
502	Recent Theoretical and Experimental Progress in Circularly Polarized Luminescence of Small Organic Molecules. 2018 , 23,	58
501	Nanoimprinted Chiral Plasmonic Substrates with Three-Dimensional Nanostructures. 2018 , 18, 7389-7394	25
500	Distinct Excitonic Circular Dichroism between Wurtzite and Zincblende CdSe Nanoplatelets. 2018 , 18, 6665-6671	45
499	Chirality Inversion on the Carbon Dot Surface via Covalent Surface Conjugation of Cyclic Amino Acid Capping Agents. 2018 , 29, 3913-3922	15
498	Chiral Upconversion Heterodimers for Quantitative Analysis and Bioimaging of Antibiotic-Resistant Bacteria In Vivo. 2018 , 30, e1804241	38
497	Polymer-Directed Growth of Plasmonic Aluminum Nanocrystals. 2018 , 140, 15412-15418	33
496	Direct observation of selective autophagy induction in cells and tissues by self-assembled chiral nanodevice. 2018 , 9, 4494	42
495	Broad-Range Spectral Analysis for Chiral Metal Coordination Compounds: (Chiro)optical Superspectrum of Cobalt(II) Complexes. 2018 , 57, 13397-13408	20
494	Chirality in bare and ligand-protected metal nanoclusters. 2018 , 3, 1509727	11
493	Mitigating Human IAPP Amyloidogenesis In Vivo with Chiral Silica Nanoribbons. 2018 , 14, e1802825	44
492	Enhanced Electrochemical Water Splitting with Chiral Molecule-Coated Fe3O4 Nanoparticles. 2018 , 3, 2308-2313	49

491	Circular Dichroism of Chiral Molecules in DNA-Assembled Plasmonic Hotspots. 2018 , 12, 9110-9115	66
490	Optically Active Semiconductor Nanosprings for Tunable Chiral Nanophotonics. 2018 , 12, 6203-6209	10
489	Optical Activity of Semiconductor Gammadions beyond Planar Chirality. 2018 , 9, 2941-2945	14
488	Artificial Plasmonic Molecules and Their Interaction with Real Molecules. <i>Chemical Reviews</i> , 2018 , 118, 5539-5580	57
487	Optically Active CdSe-Dot/CdS-Rod Nanocrystals with Induced Chirality and Circularly Polarized Luminescence. 2018 , 12, 5341-5350	73
486	Temperature dependent chiroptical response of sigmoidal gold clusters: probing the stability of chiral metal clusters. 2018 , 9, 5614-5622	8
485	Tunable Chiroptical Properties from the Plasmonic Band to Metal-Ligand Charge Transfer Band of Cysteine-Capped Molybdenum Oxide Nanoparticles. 2018 , 57, 10236-10240	35
484	Giant Optical Activity in an All-Dielectric Spiral Nanoflower. 2018 , 14, e1800485	7
483	Tunable Chiroptical Properties from the Plasmonic Band to Metalligand Charge Transfer Band of Cysteine-Capped Molybdenum Oxide Nanoparticles. 2018 , 130, 10393-10397	12
482	Chirality on Hierarchical Self-Assembly of Au@AuAg YolkBhell Nanorods into CoreBatellite Superstructures for Biosensing in Human Cells. 2018 , 28, 1802372	43
481	Supramolecular Assemblies on Surfaces: Nanopatterning, Functionality, and Reactivity. 2018 , 12, 7445-7481	146
480	Inversion of Optical Activity in the Synthesis of Mercury Sulfide Nanoparticles: Role of Ligand Coordination. 2018 , 130, 12198-12202	2
479	Unveiling and Imaging Degenerate States in Plasmonic Nanoparticles with Nanometer Resolution. 2018 , 12, 8436-8446	14
478	Chiral Polymeric Nanocapsules and Their Use for Conformational Deracemization of Liquid Crystals. 2018 , 122, 17936-17941	3
477	Inversion of Optical Activity in the Synthesis of Mercury Sulfide Nanoparticles: Role of Ligand Coordination. 2018 , 57, 12022-12026	19
476	Emergence of Chiroptical Properties in Molecular Assemblies of Phenyleneethynylenes: The Role of Quasi-degenerate Excitations. 2018 , 9, 4584-4590	5
475	Peptides used to make light-twisting nanoparticles. 2018 , 556, 313-314	13
474	Plasmonic circular dichroism of vesicle-like nanostructures by the template-less self-assembly of achiral Janus nanoparticles. 2018 , 10, 14586-14593	7

473	Molecular dynamics study of racemic mixtures: Solutions of ibuprofen and Exyclodextrin in methanol. 2018 , 265, 791-796	5
472	Nanostructure and Corresponding Quenching Efficiency of Fluorescent DNA Probes. 2018, 11,	3
471	From Nanoparticle Assembly to Monolithic Aerogels of YAG, Rare Earth Fluorides, and Composites. 2018 , 30, 5460-5467	9
47°	Circular Dichroism-Active Interactions between Fipronil and Neuronal Cells. 2018, 5, 500-507	9
469	Ultrasmall Noble Metal Nanoparticles: Breakthroughs and Biomedical Implications. 2018, 21, 106-125	93
468	Site-selective photoinduced cleavage and profiling of DNA by chiral semiconductor nanoparticles. 2018 , 10, 821-830	120
467	Chiral ligand-induced photoluminescence intermittence difference of CdTe quantum dots. 2018 , 33, 1150-1156	3
466	Preparation and Characterization of Chiral Transition-Metal Dichalcogenide Quantum Dots and Their Enantioselective Catalysis. 2018 , 10, 30680-30688	26
465	CobaltNitrogen-Doped Helical Carbonaceous Nanotubes as a Class of Efficient Electrocatalysts for the Oxygen Reduction Reaction. 2018 , 130, 13371-13375	15
464	Design principles of chiral carbon nanodots help convey chirality from molecular to nanoscale level. 2018 , 9, 3442	104
463	Cobalt-Nitrogen-Doped Helical Carbonaceous Nanotubes as a Class of Efficient Electrocatalysts for the Oxygen Reduction Reaction. 2018 , 57, 13187-13191	84
462	Chiral ZnO nanoparticles for detection of dopamine. 2018 , 93, 739-745	20
461	Enantioseparation of Au (PP) Cl Clusters with Intrinsically Chiral Cores. 2018, 57, 9059-9063	68
460	Twisted bio-nanorods serve as a template for constructing chiroptically active nanoflowers. 2018 , 10, 12163-12168	8
459	MicroRNA-Directed Intracellular Self-Assembly of Chiral Nanorod Dimers. 2018, 130, 10704-10708	20
458	MicroRNA-Directed Intracellular Self-Assembly of Chiral Nanorod Dimers. 2018, 57, 10544-10548	93
457	Enantioseparation of Au20(PP3)4Cl4 Clusters with Intrinsically Chiral Cores. 2018, 130, 9197-9201	13
456	Chiral Perovskites: Promising Materials toward Next-Generation Optoelectronics. 2019 , 15, e1902237	79

455	Black Titania with Nanoscale Helicity. 2019 , 29, 1904639	32
454	Reversible nanocluster structure transformation between face-centered cubic and icosahedral isomers. 2019 , 10, 8685-8693	45
453	Spectroscopy for model heterogeneous asymmetric catalysis. 2019 , 31, 641-657	4
452	Perspective of Chiral Colloidal Semiconductor Nanocrystals: Opportunity and Challenge. 2019 , 141, 13700-13	7 6 7
45 ¹	Electrochemical and Photoelectrochemical Applications of Plasmonic Metal and Compound Nanoparticles. 2019 , 87, 321-327	1
450	Enantiopure polythiophene nanoparticles. Chirality dependence of cellular uptake, intracellular distribution and antimicrobial activity 2019 , 9, 23036-23044	10
449	Self-Assembly of Emissive Nanocellulose/Quantum Dot Nanostructures for Chiral Fluorescent Materials. 2019 , 13, 9074-9081	63
448	Tailoring Chiroptical Activity of Iron Disulfide Quantum Dot Hydrogels with Circularly Polarized Light. 2019 , 31, e1903200	34
447	Assembly of Gold Nanoparticles into Chiral Superstructures Driven by Circularly Polarized Light. 2019 , 141, 11739-11744	46
446	Photochemically Induced Circular Dichroism of Semiconductor Quantum Dots. 2019 , 123, 19979-19983	6
445	Interparticle-Interaction-Mediated Anomalous Acceleration of Nanoparticles under Light-Field with Coupled Orbital and Spin Angular Momentum. 2019 , 19, 4873-4878	9
444	Recent Advances in Polymeric Nanocomposites of Metal-Organic Frameworks (MOFs). 2019 , 11,	19
443	Shape-Dependent, Chiro-optical Response of UV-Active, Nanohelix Metamaterials. 2019 , 19, 8089-8096	8
442	Single- and multi-component chiral supraparticles as modular enantioselective catalysts. 2019 , 10, 4826	46
441	Evolution and Synthesis of Carbon Dots: From Carbon Dots to Carbonized Polymer Dots. 2019 , 6, 1901316	349
440	Detecting Semiconductor Nanoplatelets with Distinctive Crystal Structures and Thickness by Magnetic Circular Dichroism. 2019 , 123, 29331-29336	3
439	Cation-induced chirality in a bifunctional metal-organic framework for quantitative enantioselective recognition. 2019 , 10, 5117	77
438	Chiral Core-Shell Upconversion Nanoparticle@MOF Nanoassemblies for Quantification and Bioimaging of Reactive Oxygen Species. 2019 , 141, 19373-19378	73

437	DNA-Enabled Chiral Gold Nanoparticle-Chromophore Hybrid Structure with Resonant Plasmon-Exciton Coupling Gives Unusual and Strong Circular Dichroism. 2019 , 141, 19336-19341	20
436	Effect of Chiral Ligand Concentration and Binding Mode on Chiroptical Activity of CdSe/CdS Quantum Dots. 2019 , 13, 13560-13572	25
435	A high-performance flexible direct ethanol fuel cell with drop-and-play function. 2019 , 65, 104052	18
434	Tuning the Structure and Chiroptical Properties of Gold Nanoparticle Single Helices via Peptide Sequence Variation. 2019 , 141, 15710-15716	18
433	Double-Gated Nanohelix as a Novel Tunable Binary Superlattice. 2019 , 14, 257	1
432	Growth of Hybrid Inorganic/Organic Chiral Thin Films by Sequenced Vapor Deposition. 2019 , 13, 10397-10404	3
431	Bioinspired Toolkit Based on Intermolecular Encoder toward Evolutionary 4D Chiral Plasmonic Materials. 2019 , 52, 2768-2783	20
430	Unraveling the origin of chirality from plasmonic nanoparticle-protein complexes. 2019 , 365, 1475-1478	104
429	Chirality Transfer in Coassembled Organogels Enabling Wide-Range Naked-Eye Enantiodifferentiation. 2019 , 13, 12438-12444	24
428	Chirality and Chiroptics of Lanthanide Molecular and Supramolecular Assemblies. 2019 , 5, 3058-3095	42
427	Reconfigurable Plasmonic Diastereomers Assembled by DNA Origami. 2019 , 13, 13702-13708	44
426	Structure and stimuli-responsiveness of all-DNA dendrimers: theory and experiment. 2019 , 11, 1604-1617	11
425	Helicoidal Patterning of Nanorods with Polymer Ligands. 2019 , 131, 3155-3159	2
424	Diverse chiral assemblies of nanoparticles directed by achiral block copolymers via nanochannel confinement. 2019 , 11, 474-484	18
423	Chiral Self-Assembly of Nanoparticles Induced by Polymers Synthesized via Reversible Addition-Fragmentation Chain Transfer Polymerization. 2019 , 13, 1479-1489	26
422	Investigation on the chirality mechanism of chiral carbon quantum dots derived from tryptophan 2019 , 9, 3208-3214	23
421	The in-plane spin helicity of coplanar helical spin configurations of frustrated single trimer V3 and Cu3 nanomagnets, inversion (switching) of spin helicity. 2019 , 522, 267-278	1
420	A facile route to prepare functional mesoporous organosilica spheres with electroactive units for chiral recognition of amino acids. 2019 , 144, 543-549	13

419	Circularly Polarized Light Triggers Biosensing Based on Chiral Assemblies. 2019, 25, 12235-12240	13
418	Dynamic Origin of Chirality Transfer between Chiral Surface and Achiral Ligand in Au Clusters. 2019 , 13, 7127-7134	8
417	Detecting electronic structure evolution of semiconductor nanocrystals by magnetic circular dichroism spectroscopy. 2019 , 11, 19380-19386	6
416	Study of Magnetic Properties of FeNi Nanostructures Using the MBsbauer Spectroscopy Method. 2019 , 9,	13
415	Spontaneous and directed symmetry breaking in the formation of chiral nanocrystals. 2019 , 116, 11159-1116	4 19
414	Selective Hydrogenation of CO Dictated by Isomers in Au (SR) Nanoclusters: Which One is Better?. 2019 , 25, 9185-9190	5
413	Chirality Transfer in Gold Nanoparticles by l-Cysteine Amino Acid: A First-Principles Study. 2019 , 123, 13758-13764	12
412	Biomimetic Chiral Photonic Crystals. 2019 , 131, 7865-7869	18
411	Chiroptical Activity of Type II Core/Shell CuS/CdSe Nanocrystals. 2019, 58, 6534-6543	7
410	Synthesis of Atom-Precise Chiral Ag14 Clusters Protected by Penicillamine Ligands. 2019 , 36, 1900069	10
409	Biomimetic Chiral Photonic Crystals. 2019 , 58, 7783-7787	56
408	Circularly polarized light detection using chiral hybrid perovskite. 2019 , 10, 1927	152
407	All-optical reconfigurable chiral meta-molecules. 2019 , 25, 10-20	40
406	Deliberate Introduction of Particle Anisotropy in Helical Gold Nanoparticle Superstructures. 2019 , 36, 1800504	8
405	Synthesis Mechanism of Magnetite Nanorods Containing Ordered Mesocages. 2019 , 31, 2263-2268	11
404	Chiral Plasmons: Au Nanoparticle Assemblies on Thermoresponsive Organic Templates. 2019 , 13, 4392-4401	19
403	Chiral CdSe nanoplatelets as an ultrasensitive probe for lead ion sensing. 2019 , 11, 9327-9334	21
402	Chiral Selectivity of Porphyrin-ZnO Nanoparticle Conjugates. 2019 , 11, 12077-12087	29

401	Cysteine Induced Chiral Morphology in Palladium Nanoparticle. 2019 , 36, 1900062	17
400	Metal-Organic Coordination Strategy for Obtaining Metal-Decorated Mo-Based Complexes: Multi-dimensional Structural Evolution and High-Rate Lithium-Ion Battery Applications. 2019 , 25, 8813-8819	9
399	Controlled Fabrication of 3D Chiral Microwrinkles via Asymmetrical and Biaxial Bucklings. 2019 , 29, 1808979	8
398	Chiral Ag and Au Nanomaterials Based Optical Approaches for Analytical Applications. 2019 , 36, 1800552	8
397	Controlled chiral arrangement of silver nanoparticles in supramolecular gels modulated by the cooling rate. 2019 , 55, 4949-4952	5
396	3D bioprinting of triphasic nanocomposite hydrogels and scaffolds for cell adhesion and migration. 2019 , 11, 035022	11
395	Chiral Semiconductor Nanoparticles for Protein Catalysis and Profiling. 2019 , 58, 7371-7374	55
394	Chiral Semiconductor Nanoparticles for Protein Catalysis and Profiling. 2019 , 131, 7449-7452	22
393	Dual Mode Chip Enantioselective Express Discrimination of Chiral Amines via Wettability-Based Mobile Application and Portable Surface-Enhanced Raman Spectroscopy Measurements. 2019 , 4, 1032-1039	19
392	Electroactive Nanoparticle Assembly Driven Signal Amplification for Ultrasensitive Chiral Recognition of d-/l-Trp. 2019 , 7, 5157-5166	24
391	Plasmonic Circular Dichroism of Gold Nanoparticle Based Nanostructures. 2019 , 7, 1801590	23
390	Atomically Thin Population of Colloidal CdSe Nanoplatelets: Growth of Rolled-up Nanosheets and Strong Circular Dichroism Induced by Ligand Exchange. 2019 , 31, 9652-9663	18
389	Chiroptical study of the bimetal-cysteine hybrid composite: interaction between cysteine and Au/Ag alloyed nanotubes. 2019 , 11, 21990-21998	9
388	Nonspherical chiral helical polymer particles with programmable morphology prepared by electrospraying. 2019 , 11, 23197-23205	8
387	Assembling semiconductor quantum dots in hierarchical photonic cellulose nanocrystal films: circularly polarized luminescent nanomaterials as optical coding labels. 2019 , 7, 13794-13802	39
386	Multicomponent Plasmonic Nanoparticles: From Heterostructured Nanoparticles to Colloidal Composite Nanostructures. <i>Chemical Reviews</i> , 2019 , 119, 12208-12278	153
385	Amino acid-based ionic liquids as precursors for the synthesis of chiral nanoporous carbons. 2019 , 1, 4981-4988	5
384	Subfemtonewton force fields measured with ergodic Brownian ensembles. 2019 , 100,	6

(2020-2019)

383	Helicoidal Patterning of Nanorods with Polymer Ligands. 2019 , 58, 3123-3127	18
382	Strain-controlled shell morphology on quantum rods. 2019 , 10, 2	40
381	Chirality-Based Biosensors. 2019 , 29, 1805512	58
380	Chiral EHgS quantum dots: Aqueous synthesis, optical properties and cytocompatibility. 2019 , 537, 422-430	10
379	Chiral semiconductor nanorod heterostructures with high photocatalysis activity. 2019 , 245, 691-697	23
378	Chiroptical Activity Enhancement via Structural Control: The Chiral Synthesis and Reversible Interconversion of Two Intrinsically Chiral Gold Nanoclusters. 2019 , 141, 2384-2390	72
377	Metamaterials and chiral sensing: a review of fundamentals and applications. 2019, 8, 249-261	84
376	Charge-Induced Shifts in Chiral Surface Plasmon Modes in Gold Nanorod Assemblies. 2019 , 36, 1800368	3
375	Helicene-SPP-Based Chiral Plasmonic Hybrid Structure: Toward Direct Enantiomers SERS Discrimination. 2019 , 11, 1555-1562	35
374	Artificial Chiral Probes and Bioapplications. 2020 , 32, e1802075	52
373	Plasmonic Nanoparticles with Supramolecular Recognition. 2020 , 30, 1902082	36
372	AIE Triggers the Circularly Polarized Luminescence of Atomically Precise Enantiomeric Copper(I) Alkynyl Clusters. 2020 , 59, 10052-10058	88
371	Present and Future of Surface-Enhanced Raman Scattering. 2020, 14, 28-117	1000
370	AIE Triggers the Circularly Polarized Luminescence of Atomically Precise Enantiomeric Copper(I) Alkynyl Clusters. 2020 , 132, 10138-10144	21
369	Electroactive NPs and D-amino acids oxidase engineered electrochemical chiral sensor for D-alanine detection. 2020 , 304, 127333	12
368	Self-assembly of chiral supra-amphiphiles. 2020 , 4, 155-167	17
367	Silver-Mediated Growth of Chiral Ag/Au-Cysteine Hybrid Nanospheres with Giant Chiroptical Response. 2020 , 37, 1900338	1
366	Single Plasmon-Active Optical Fiber Probe for Instantaneous Chiral Detection. 2020 , 5, 50-56	4

365	Chiral Carbon Dots Synthesized on Cellulose Nanocrystals. 2020 , 8, 1901911	23
364	Chiromagnetic Plasmonic Nanoassemblies with Magnetic Field Modulated Chiral Activity. 2020 , 16, e1905734	5
363	Chiral Surface and Geometry of Metal Nanocrystals. 2020 , 32, e1905758	33
362	Integration of Optical Surface Structures with Chiral Nanocellulose for Enhanced Chiroptical Properties. 2020 , 32, e1905600	25
361	Helical Pore Alignment on Cylindrical Carbon. 2020 , 16, e1905916	3
360	Controlled Synthesis of Au Chiral Propellers from Seeded Growth of Au Nanoplates for Chiral Differentiation of Biomolecules. 2020 , 124, 24306-24314	7
359	Recent advances in chiral carbonized polymer dots: From synthesis and properties to applications. 2020 , 34, 100953	41
358	Cl@Ag Au (4-TBBT) (PPh): A Chloride-Centered Ag-Au Bimetallic Cluster for Optics. 2020 , 15, 4077-4081	О
357	Chiral Induced Spin Selectivity Gives a New Twist on Spin-Control in Chemistry. 2020 , 53, 2659-2667	24
356	Harnessing the enantiomeric recognition ability of hydrophobic polymers of intrinsic microporosity (PIM-1) toward amino acids by converting them into hydrophilic polymer dots. 2020 , 8, 13827-13835	6
355	Self-assembly of anisotropic nanoparticles into functional superstructures. 2020 ,	68
354	Extension of Compositional Space to the Ternary in Alloy Chiral Nanoparticles through Galvanic Replacement Reactions. 2020 , 7, 2001321	8
353	Colloidal maghemite nanoparticles with oxyhydroxide-like interface and chiroptical properties. 2020 , 534, 147567	6
352	Enantioselective Crystallization of Chiral Inorganic Crystals of ?-Zn(OH) with Amino Acids. 2020 , 59, 20924-209	239
351	Self-assembly of robust graphene oxide membranes with chirality for highly stable and selective molecular separation. 2020 , 8, 16985-16993	17
350	Chiral covalent organic frameworks: design, synthesis and property. 2020 , 49, 6248-6272	97
349	Ligand-Induced Chirality in Asymmetric CdSe/CdS Nanostructures: A Close Look at Chiral Tadpoles. 2020 , 14, 10346-10358	13
348	Chiral Transition Metal Oxides: Synthesis, Chiral Origins, and Perspectives. 2020 , 32, e1905585	15

347	Chiral Plasmonic Metamaterials with Tunable Chirality. 2020 , 12, 50192-50202	10
346	Engineering of chiral nanomaterials for biomimetic catalysis. 2020 , 11, 12937-12954	13
345	Theory of optical tweezing of dielectric microspheres in chiral host media and its applications. 2020 , 10, 16481	4
344	Electromagnetic chirality: from fundamentals to nontraditional chiroptical phenomena. 2020 , 9, 139	85
343	Supramolecular Chirality in Azobenzene-Containing Polymer System: Traditional Postpolymerization Self-Assembly Versus In Situ Supramolecular Self-Assembly Strategy. 2020 , 21,	10
342	Photochemically Induced Circular Dichroism of Semiconductor Nanocrystals. 2020 , 128, 1230-1235	1
341	High-Performance Circularly Polarized Light-Sensing Near-Infrared Organic Phototransistors for Optoelectronic Cryptographic Primitives. 2020 , 30, 2006236	14
340	Enantioselective Crystallization of Chiral Inorganic Crystals of ?-Zn(OH)2 with Amino Acids. 2020 , 132, 21110-21115	
339	Enhanced Enantioselectivity in the Synthesis of Mercury Sulfide Nanoparticles through Ostwald Ripening. 2020 , 32, 8412-8419	7
338	On Interpretation of Spectra of Photochemically Induced Circular Dichroism of Semiconductor Nanocrystals. 2020 , 128, 729-732	
337	Chirality Effects in Biomolecular Systems: Calculation of the Relative Free Energies by Molecular Dynamics Simulations. 2020 , 60, 5424-5436	1
336	DNA Nanotechnology. 2020 ,	
335	Chiral Cellulose Nanocrystals with Intercalated Amorphous Polysaccharides for Controlled Iridescence and Enhanced Mechanics. 2020 , 30, 2003597	30
334	Chirality Transfer from Sub-Nanometer Biochemical Molecules to Sub-Micrometer Plasmonic Metastructures: Physiochemical Mechanisms, Biosensing, and Bioimaging Opportunities. 2020 , 32, e1907151	23
333	Chiral Self-sorting in Cage-like Compounds. 2020 , 49, 1356-1366	6
332	Mesoporous carbon materials with enantioselective surface obtained by nanocasting for selective adsorption of chiral molecules from solution and the gas phase. 2020 , 170, 550-557	11
331	Homochiral metal-organic frameworks functionalized SERS substrate for atto-molar enantio-selective detection. 2020 , 20, 100666	6
330	Chiral Ligand-Free, Optically Active Nanoparticles Inherently Composed of Chiral Lattices at the Atomic Scale. 2020 , 16, e2001473	10

329	DNA-Driven Two-Layer Core-Satellite Gold Nanostructures for Ultrasensitive MicroRNA Detection in Living Cells. 2020 , 16, e2000003	23
328	Guanosine Assembly Enabled Gold Nanorods with Dual Thermo- and Photoswitchable Plasmonic Chiroptical Activity. 2020 , 14, 6087-6096	16
327	Chiral Cu Co S Nanoparticles under Magnetic Field and NIR Light to Eliminate Senescent Cells. 2020 , 59, 13915-13922	15
326	Chiral CuxCoyS Nanoparticles under Magnetic Field and NIR Light to Eliminate Senescent Cells. 2020 , 132, 14019-14026	7
325	Chiral Plasmonic Nanoparticle Assisted Raman Enantioselective Recognition. 2020, 92, 8015-8020	15
324	Impact of Enantiomeric Ligand Composition on the Photophysical Properties of Chiral Ag29 Nanoclusters. 2020 , 93, 834-840	1
323	Metal-to-Ligand Charge Transfer Chirality Sensing of d-Glucose Assisted with GOX-Based Enzymatic Reaction. 2020 , 5, 2000138	2
322	Chiral Nanoceramics. 2020 , 32, e1906738	24
321	Self-assembly of multifunctional hydrogels with polyoxometalates helical arrays using nematic peptide liquid crystal template. 2020 , 578, 218-228	4
320	Colloidal Synthesis of Nanohelices via Bilayer Lattice Misfit. 2020 , 142, 12777-12783	6
319	Polydopamine/Silver Substrates Stemmed from Chiral Silica for SERS Differentiation of Amino Acid Enantiomers. 2020 , 12, 29868-29875	4
318	Chirality and Surface Bonding Correlation in Atomically Precise Metal Nanoclusters. 2020 , 32, e1905488	53
317	Supramolecular Chiral Nanoarchitectonics. 2020 , 32, e1905657	76
316	Chiral-perovskite optoelectronics. 2020 , 5, 423-439	191
315	In Situ Investigation on the Protein Corona Formation of Quantum Dots by Using Fluorescence Resonance Energy Transfer. 2020 , 16, e1907633	26
314	Electronic Circular Dichroism of Fullerenols. 2020 , 124, 7458-7466	
313	Nanocrystalligand interactions deciphered: the influence of HSAB and pKa in the case of luminescent ZnO. 2020 , 2, 1046-1053	2
312	Giant circular dichroism of chiral L-shaped nanostructure coupled with achiral nanorod: anomalous behavior of multipolar and dipolar resonant modes. 2020 , 31, 275205	4

(2020-2020)

311	Gold Nanoparticle Self-Aggregation on Surface with 1,6-Hexanedithiol Functionalization. 2020 , 10,	2
310	Chemically Functionalized Two-Dimensional Carbon Materials. 2020 , 15, 2316-2328	10
309	Highly enantioselective photo-polymerization enhanced by chiral nanoparticles and in situ photopatterning of chirality. 2020 , 11, 1188	27
308	DNA-Based Plasmonic Heterogeneous Nanostructures: Building, Optical Responses, and Bioapplications. 2020 , 32, e1907880	25
307	Self-Assembly of Chiral Nematic Liquid Crystalline Phases of AgNR@SiO2@Cysteine@CsPbBr3 Hybrid Nanorods with Plasmon-Dependent Photoluminescence. 2020 , 37, 2000008	3
306	Silver ion-induced chiral enhancement by argentivorous molecules. 2020 , 56, 3373-3376	9
305	Chiral AuCuAu Heterogeneous Nanorods with Tailored Optical Activity. 2020 , 30, 2000670	19
304	Progress in Atomically Precise Coinage Metal Clusters with Aggregation-Induced Emission and Circularly Polarized Luminescence. 2020 , 8, 1902152	52
303	Light-Induced Chiral Iron Copper Selenide Nanoparticles Prevent EAmyloidopathy In Vivo. 2020 , 132, 7197-7204	6
302	Light-Induced Chiral Iron Copper Selenide Nanoparticles Prevent FAmyloidopathy In Vivo. 2020 , 59, 7131-7138	38
301	Reconfigurable Plasmonic Chirality: Fundamentals and Applications. 2020, 32, e1905640	36
300	Cysteine-encoded chirality evolution in plasmonic rhombic dodecahedral gold nanoparticles. 2020 , 11, 263	54
299	Regioselective magnetization in semiconducting nanorods. 2020 , 15, 192-197	25
298	Enantioseparation and chiral induction in Ag nanoclusters with intrinsic chirality. 2020 , 11, 2394-2400	18
297	DNA-Driven Nanoparticle Assemblies for Biosensing and Bioimaging. 2020 , 378, 18	11
296	Breaking translational symmetry via polymer chain overcrowding in molecular bottlebrush crystallization. 2020 , 11, 2152	14
295	Chiral Cu OS@ZIF-8 Nanostructures for Ultrasensitive Quantification of Hydrogen Sulfide In Vivo. 2020 , 32, e1906580	29
294	Chiromagnetic Properties of Semiconductor Nanorods. 2020 , 2, 1089-1090	2

293	Plasmonic nanoparticles assemblies templated by helical bacteria and resulting optical activity. 2020 , 32, 899-906	5
292	Unraveling Chiral Selection in the Self-assembly of Chiral Fullerene Macroions: Effects of Small Chiral Components Including Counterions, Co-ions, or Neutral Molecules. 2020 , 36, 4702-4710	4
291	Leveraging Peptide Sequence Modification to Promote Assembly of Chiral Helical Gold Nanoparticle Superstructures. 2021 , 60, 1044-1049	5
290	The Au25(SR)18 cluster carrying icosahedral dodecaborate and glutathione ligands: A spectroscopic view. 2021 , 150, 109838	1
289	Synthesis and applications of anisotropic nanoparticles with precisely defined dimensions. 2021 , 5, 21-45	53
288	Temperature Effect of Plasmonic Circular Dichroism in Dynamic Oligomers of AuNR@Ag Nanorods Driven by Cysteine: The Role of Surface Atom Migration. 2021 , 9, 2001274	2
287	Emerging Plasmonic Assemblies Triggered by DNA for Biomedical Applications. 2021 , 31, 2005709	7
286	Structural Isomerism in Atomically Precise Nanoclusters. 2021 , 33, 39-62	13
285	Chiral surface plasmon-enhanced chiral spectroscopy: principles and applications. 2021 , 13, 581-601	15
284	Tyrosyltyrosylcysteine-Directed Synthesis of Chiral Cobalt Oxide Nanoparticles and Peptide Conformation Analysis. 2021 , 15, 979-988	7
283	One-Fold Anisotropy of Silver Chiral Nanoparticles Studied by Second-Harmonic Generation. 2021 , 6, 454-460	
282	Optical Activity of Chiral Metal Nanoclusters. 2021 , 2, 21-35	21
281	Stimulation of neural stem cell differentiation by circularly polarized light transduced by chiral nanoassemblies. 2021 , 5, 103-113	36
280	Assembly-Induced Strong Circularly Polarized Luminescence of Spirocyclic Chiral Silver(I) Clusters. 2021 , 133, 1559-1563	5
279	Assembly-Induced Strong Circularly Polarized Luminescence of Spirocyclic Chiral Silver(I) Clusters. 2021 , 60, 1535-1539	25
278	Chiral Nanoprobes and Their Biological Effects. 2021 , 39, 25-31	4
277	Realization of Artificial Chirality in Micro-/Nano-Scale Three-Dimensional Plasmonic Structures. 2021 , 241-263	0
276	Controllable chiral behavior of type-II core/shell quantum dots adjusted by shell thickness and coordinated ligands. 2021 , 33, 167-175	

(2021-2021)

275	Serum albumin guided plasmonic nanoassemblies with opposite chiralities. 2021 , 17, 6298-6304		6
274	Chirality of small niobium clusters. 2021 , 75, 1		2
273	Homochiral metal-organic frameworks for enantioseparation. 2021 , 50, 5706-5745		33
272	Spontaneous Deracemizations. <i>Chemical Reviews</i> , 2021 , 121, 2147-2229	68.1	31
271	Constructing chiral gold nanorod oligomers using a spatially separated sergeants-and-soldiers effect. 2021 , 13, 9678-9685		2
270	CHAPTER 3:Colloidal Nanocrystals with Surface Organic Ligands. 2021 , 77-122		
269	Recent progress at the interface between nanomaterial chirality and liquid crystals. 2021, 9, 1-34		4
268	Metabolic profile of chiral cobalt oxide nanoparticles in vitro and in vivo. 2021 , 14, 2451		1
267	Constructing chiral polyoxometalate assemblies supramolecular approaches. 2021 , 50, 5080-5098		3
266	From helices to superhelices: hierarchical assembly of homochiral van der Waals 1D coordination polymers. 2021 , 12, 12619-12630		2
265	Depletion-Induced Chiral Chain Formation of Magnetic Spheres. 2021 , 14,		0
264	Metal-to-ligand charge transfer chirality-based sensing of mercury ions. 2021 , 9, 213		О
263	Recent Advances in Inorganic Chiral Nanomaterials. 2021 , e2005506		15
262	Synthesis of optically active chiral mesoporous molybdenum carbide film. 2021 , 94, 482-488		1
261	Polarimetric Measurements of Surface Chirality Based on Linear and Nonlinear Light Scattering. 2020 , 8, 611833		4
260	Rationally Programming Nanomaterials with DNA for Biomedical Applications. 2021 , 8, 2003775		14
259	Tunable wave plates based on phase-change metasurfaces. 2021 , 29, 7494-7503		7
258	Chirality communications between inorganic and organic compounds. 2021 , 2, 17-32		12

257	Chiral Mesostructured NiO Films with Spin Polarisation. 2021 , 133, 9507-9512	1
256	Chiral Mesostructured NiO Films with Spin Polarisation. 2021 , 60, 9421-9426	10
255	Optical processes in carbon nanocolloids. 2021 , 7, 606-628	27
254	Biomolecule-mediated chiral nanostructures: a review of chiral mechanism and application. 2021 , 289, 102376	4
253	Sequential Symmetry-Breaking Events as a Synthetic Pathway for Chiral Gold Nanostructures with Spiral Geometries. 2021 , 21, 2919-2925	12
252	Molecular Conformation of Bent-Core Molecules Affected by Chiral Side Chains Dictates Polymorphism and Chirality in Organic Nano- and Microfilaments. 2021 , 15, 7249-7270	4
251	Photocatalytic and Photoelectrochemical Overall Water Splitting. 2021, 189-242	1
250	Dimensional Surface-Enhanced Raman Scattering Nanostructures for MicroRNA Profiling. 2021 , 2, 2000150	4
249	Recent Progress on Biomaterials Fighting against Viruses. 2021 , 33, e2005424	12
248	Self-Assembly of Earth-Abundant Supraparticles with Chiral Interstices for Enantioselective Photocatalysis. 1405-1412	2
247	Nonlinear Amplification of Chirality in Self-Assembled Plasmonic Nanostructures. 2021 , 15, 5715-5724	4
246	Triskelion Structured Colloidal Quantum Dots. 2021 , 125, 2226-2231	
245	Enhanced optical asymmetry in supramolecular chiroplasmonic assemblies with long-range order. 2021 , 371, 1368-1374	66
244	Review of optical sensing and manipulation of chiral molecules and nanostructures with the focus on plasmonic enhancements [Invited]. 2021 , 29, 12543-12579	5
243	Chiral Superatomic Nanoclusters Ag Induced by the Ligation of Amino Acids. 2021 , 60, 11430-11435	20
242	Circularly polarized luminescence from organic micro-/nano-structures. 2021 , 10, 76	43
241	Chiral Superatomic Nanoclusters Ag47 Induced by the Ligation of Amino Acids. 2021 , 133, 11531-11536	0
240	Mechano-tunable chiral metasurfaces via colloidal assembly. 2021 , 20, 1024-1028	23

239	Self-Templated, Enantioselective Assembly of an Amyloid-like Dipeptide into Multifunctional Hierarchical Helical Arrays. 2021 , 15, 9827-9840	3
238	Rational Design of Multicolor-Emitting Chiral Carbonized Polymer Dots for Full-Color and White Circularly Polarized Luminescence. 2021 , 133, 14210-14218	9
237	Generalizing the Chiral Self-Assembly of Spheres and Tetrahedra to Non-Spherical and Polydisperse Molecules in (C)(C)(SnI). 2021 , 21, 4753-4756	
236	Catalytic DNA Origami-based Chiral Plasmonic Biosensor. 2021 , 37, 914-918	2
235	A Transmissive Linear Polarization and Circular Polarization Cross Polarization Converter Based on All-Dielectric Metasurface. 2021 , 50, 4207-4214	2
234	Rational Design of Multicolor-Emitting Chiral Carbonized Polymer Dots for Full-Color and White Circularly Polarized Luminescence. 2021 , 60, 14091-14099	54
233	Electronic Structure and Electron Delocalization in Bare and Dressed Boron Pentamer Clusters. 2021 , 125, 5246-5255	
232	Rational Approach to Plasmonic Dimers with Controlled Gap Distance, Symmetry, and Capability of Precisely Hosting Guest Molecules in Hotspot Regions. 2021 , 143, 8631-8638	13
231	An "off-on" electrochemiluminescence biosensor coupled with strand displacement-powered 3D micromolecule walking nanomachine for ultrasensitive detection of adenosine triphosphate. 2021 , 188, 237	4
230	Facile photoreductive synthesis of silver nanoparticles for antimicrobial studies. 2021 , 32, 2116-2121	2
229	Chiral Mesostructured BiOBr Films with Circularly Polarized Colour Response. 2021 , 60, 19024-19029	6
228	Chiral Plasmonic Triangular Nanorings with SERS Activity for Ultrasensitive Detection of Amyloid Proteins in Alzheimer's Disease. 2021 , 33, e2102337	15
227	Quantum Dot Photocatalysts for Organic Transformations. 2021 , 12, 7180-7193	12
226	Optically Active CdSe/CdS Nanoplatelets Exhibiting Both Circular Dichroism and Circularly Polarized Luminescence. 2021 , 9, 2101142	3
225	Great Amplification of Circular Polarization Sensitivity via Heterostructure Engineering of a Chiral Two-Dimensional Hybrid Perovskite Crystal with a Three-Dimensional MAPbI Crystal. 2021 , 7, 1261-1268	9
224	Bio-Organic Chiral Nematic Materials with Adaptive Light Emission and On-Demand Handedness. 2021 , 33, e2103329	9
223	Dynamic Chiro-Optics of Bio-Inorganic Nanomaterials via Seamless Co-Assembly of Semiconducting Nanorods and Polysaccharide Nanocrystals. 2104596	3
222	Chiral Mesostructured BiOBr Films with Circularly Polarized Colour Response. 2021 , 133, 19172-19177	1

221	Resistance-Chiral Anisotropy of Chiral Mesostructured Half-metallic Fe O Films. 2021 , 60, 20036-20041	6
220	Resistance-Chiral Anisotropy of Chiral Mesostructured Half-metallic Fe3O4 Films. 2021 , 133, 20189-20194	
219	Symmetry Breaking of Atomically Precise Fullerene-like Metal Nanoclusters. 2021 , 143, 12439-12444	10
218	Nanoscale Bouligand Multilayers: Giant Circular Dichroism of Helical Assemblies of Plasmonic 1D Nano-Objects. 2021 ,	7
217	Non-origami DNA for functional nanostructures: From structural control to advanced applications. 2021 , 39, 101154	5
216	Chiral hierarchical structure of bone minerals. 1	3
215	Chiral Nanostructures: New Twists. 2021 , 15, 12457-12460	8
214	A fluorometric and optical signal dual-readout detection of alkaline phosphatase activity in living cells based on ATP-mediated porphyrin MOFs. 2021 , 342, 130017	3
213	All-dielectric transmission type three-frequency linearly polarized to circularly polarized converter. 1-12	О
212	Engineering of inorganic nanostructures with hierarchy of chiral geometries at multiple scales. e17438	О
211	Chiroplasmon-active optical fiber probe for environment chirality estimation. 2021, 343, 130122	2
210	Plasmon-Mediated Chiroptical Second Harmonic Generation from Seemingly Achiral Gold Nanorods.	O
209	Tertiary Chiral Nanostructures from C⊞???F Directed Assembly of Chiroptical Superatoms. 2021 , 133, 22585-22590	O
208	Tertiary Chiral Nanostructures from C-H???F Directed Assembly of Chiroptical Superatoms. 2021 , 60, 22411-22416	7
207	Heterogeneous Integration of Chiral Lead-Chloride Perovskite Crystals with Si Wafer for Boosted Circularly Polarized Light Detection in Solar-Blind Ultraviolet Region. 2021 , 17, e2102884	11
206	Chiral functional composites with broadening absorption and Modulatable Cotton effect. 2021 , 27, 100859	2
205	l-cysteine-modified chiral gold nanoparticles promote periodontal tissue regeneration. 2021 , 6, 3288-3299	4
204	Chiral carbon quantum dots as fluorescent probe for rapid chiral recognition of isoleucine enantiomers. 2021 , 1184, 339012	4

203	Molecular and nano structures of chiral PEDOT derivatives influence the enantiorecognition of biomolecules. analysis of chiral recognition. 2021 , 146, 7118-7125	0
202	Effect of the Metal-Ligand Interface on the Chiroptical Activity of Cysteine-Protected Nanoparticles. 2021 , 17, e2004288	2
201	Template-assisted self-assembly of achiral plasmonic nanoparticles into chiral structures 2022 , 13, 595-610	11
200	Impact of native achiral ligands on the chirality of enantiopure cysteine stabilized CdSe nanocrystals. 2021 , 9, 555-561	1
199	Ancillary ligand modulated stereoselective self-assembly of triple-stranded Eu(iii) helicate featuring circularly polarized luminescence 2021 , 11, 10524-10531	5
198	Emergent chiroptical properties in supramolecular and plasmonic assemblies. 2021 , 50, 11208-11226	3
197	Chiral plasmonic liquid crystal gold nanoparticles: self-assembly into a circular dichroism responsive helical lamellar superstructure. 2021 , 3, 2269-2279	7
196	Lanthanide ion-doped silica nanohelix: a helical inorganic network acts as a chiral source for metal ions. 2021 , 57, 4392-4395	3
195	Soft-Matter Nanotubes: A Platform for Diverse Functions and Applications. <i>Chemical Reviews</i> , 2020 , 120, 2347-2407	81
194	Long-Range Plasmon-Assisted Chiral Interactions in Nanocrystal Assemblies. 2019 , 6, 749-756	12
193	Self-assembly of plasmonic chiral superstructures with intense chiroptical activity. 2020 , 1, 032002	3
192	Enhanced circular dichroism of double L-shaped nanorods induced by gap plasmon coupling. 2019 , 36, 2721	2
191	Strong multiphoton absorption in chiral CdSe/CdS dot/rod nanocrystal-doped poly(vinyl alcohol) films. 2019 , 44, 2256-2259	5
190	Optical enantioseparation of chiral molecules using asymmetric plasmonic nanoapertures. 2019 , 9, 1763	10
189	Ligand-induced chirality and optical activity in semiconductor nanocrystals: theory and applications. 2020 , 10, 797-824	15
188	Dual-Mode Induction of Tunable Circularly Polarized Luminescence from Chiral Metal-Organic Frameworks. 2020 , 2020, 6452123	20
187	Shining light on chiral inorganic nanomaterials for biological issues. 2021 , 11, 9262-9295	3
186	Progress and perspective on chiral plasmonic nanostructures enabled by DNA programming methodology.	O

185	Progress in controlling the synthesis of atomically precise silver nanoclusters. 2021 , 23, 7369-7379	3
184	Chiral Self-Assembled Film from Semiconductor Nanorods with Ultra-Strong Circularly Polarized Luminescence. 2021 , 133, 26480	O
183	Chiral Self-Assembled Film from Semiconductor Nanorods with Ultra-Strong Circularly Polarized Luminescence. 2021 , 60, 26276-26280	3
182	Optical activity of chiral semiconductor gammadions. 2019,	
181	Light-Induced Assembly and Reconfiguration of Chiral Nanostructures. 2019,	
180	Electric-field effect on the optical activity of helical semiconductor nanoribbons. 2019,	
179	Chirality reversal, enhancement and transfer by pH-adjusted surfactant assembly. 2020 , 56, 15345-15348	3
178	Chiral optical scattering from helical and twisted silica nanoribbons. 2021 , 57, 12024-12027	1
177	Chirality observed in a driven ruthenium-catalyzed Belousov-Zhabotinsky reaction model. 2021 , 23, 25720-25	5726
176	Imprinting chirality in inorganic nanomaterials for optoelectronic and bio-applications: strategies, challenges, and opportunities.	O
175	Emerging Trends in Chiral Inorganic Nanostructures.	2
174	Hierarchical self-assembly into chiral nanostructures 2022 , 13, 633-656	10
173	Spin selectivity in chiral metal-halide semiconductors. 2021 , 13, 18925-18940	3
172	Competitive induction of circularly polarized luminescence of CdSe/ZnS quantum dots in a nucleotidelimino acid hydrogel.	1
171	Chiral Conformation of Subnanometric Materials. 2021,	2
170	Plasmonic Nanosensors with Extraordinary Sensitivity to Molecularly Enantioselective Recognition at Nanoscale Interfaces. 2021 ,	O
169	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. 2021 , 64, 2060	46
168	Chirality Induction in the Synthesis of Ag29 Nanoclusters with Asymmetric Structure.	O

167	Dependence of the nonlinear optical response of CdSe nanoscrolls on coating with oleic or acetic acid. 2021 , 2015, 012048	
166	Electron Counting Rules for Gold Clusters Which Are Stereochemically Non-rigid and Exhibit Skeletal Isomerism. 2021 , 1-67	2
165	Insight on Chirality Encoding from Small Thiolated Molecule to Plasmonic Au@Ag and Au@Au Nanoparticles 2022 ,	4
164	Selectively Regulating the Chiral Morphology of Amino Acid-Assisted Chiral Gold Nanoparticles with Circularly Polarized Light 2022 ,	4
163	Master key to coinage metal nanoclusters treasure chest: 38-metal clusters 2022,	0
162	Active Regulation of Supramolecular Chirality through Integration of CdSe/CdS Nanorods for Strong and Tunable Circular Polarized Luminescence 2022 ,	3
161	Chiral plasmonic nanostructures: recent advances in their synthesis and applications. 2022, 3, 186-215	5
160	Third-harmonic Mie scattering from semiconductor nanohelices. 2022 , 16, 126-133	3
159	Enantiomer-dependent immunological response to chiral nanoparticles 2022, 601, 366-373	36
158	Recent Advances of Covalent Organic Frameworks for Chiral Separation. 1	
157		
	Amplifying inorganic chirality using liquid crystals. 2021 ,	1
156	Amplifying inorganic chirality using liquid crystals. 2021, Inorganic Chiral Hybrid Nanostructures for Tailored Chiroptics and Chirality-Dependent Photocatalysis 2021,	1 0
	Inorganic Chiral Hybrid Nanostructures for Tailored Chiroptics and Chirality-Dependent	
156	Inorganic Chiral Hybrid Nanostructures for Tailored Chiroptics and Chirality-Dependent Photocatalysis 2021, Chirality Inversion in Self-Assembled Nanocomposites Directed by Curvature Mediated	O
156 155	Inorganic Chiral Hybrid Nanostructures for Tailored Chiroptics and Chirality-Dependent Photocatalysis 2021, Chirality Inversion in Self-Assembled Nanocomposites Directed by Curvature Mediated Interactions 2022, e202117406	2
156 155 154	Inorganic Chiral Hybrid Nanostructures for Tailored Chiroptics and Chirality-Dependent Photocatalysis 2021, Chirality Inversion in Self-Assembled Nanocomposites Directed by Curvature Mediated Interactions 2022, e202117406 Organic Polymer-Constructed Chiral Particles: Preparation and Chiral Applications. 1-34	2 3
156 155 154 153	Inorganic Chiral Hybrid Nanostructures for Tailored Chiroptics and Chirality-Dependent Photocatalysis 2021, Chirality Inversion in Self-Assembled Nanocomposites Directed by Curvature Mediated Interactions 2022, e202117406 Organic Polymer-Constructed Chiral Particles: Preparation and Chiral Applications. 1-34 Curvature and self-assembly of semi-conducting nanoplatelets. 2022, 5,	o 2 3

149	Building Supramolecular Chirality in Bulk Heterojunctions Enables Amplified Dissymmetry Current for High-Performing Circularly Polarized Light Detection. 2022 , 4, 401-409	5
148	Inorganic Chiral Hybrid Nanostructures for Tailored Chiroptics and Chirality-Dependent Photocatalysis.	
147	Chiral Generation of Hot Carriers for Polarization-Sensitive Plasmonic Photocatalysis 2022,	4
146	Ultrasmall Magneto-chiral Cobalt Hydroxide Nanoparticles Enable Dynamic Detection of Reactive Oxygen Species 2022 ,	4
145	Chirality Inversion in Self-Assembled Nanocomposites Directed by Curvature-Mediated Interactions.	
144	Asymmetric Twisting of -Centered Octahedral Gold(I) Clusters by Chiral -Heterocyclic Carbene Ligation 2022 ,	2
143	Density functional theory method for twisted geometries with application to torsional deformations in group-IV nanotubes. 2022 , 456, 111023	1
142	CHAPTER 23. Materials Nanoarchitectonics Here, There, Everywhere: Looking Back and Leaping Forward. 2022 , 546-578	Ο
141	Chirality at nanoscale for bioscience 2022 , 13, 3069-3081	3
140	Advances in Chiral Gold Nano-Assemblies and Their Bioapplication Based on Optical Properties. 2100231	1
139	Self-Assembly of Chiral Ferrocene-Functionalized Polyoxotitanium Clusters for Photocatalytic Selective Sulfide Oxidation 2022 , 61, 2903-2910	О
138	Circularly polarized luminescence in chiral materials. 2022,	13
137	Excitation-dependent emissive FeSe nanoparticles induced by chiral interlayer expansion and their multi-color bio-imaging. 2022 , 43, 101424	1
136	Building permanently optically active particles from an absolutely achiral polymer. 2022 , 13, 1953-1959	O
135	Homo- and heterometallic chiral dynamic architectures from allyl-palladium(II) building blocks 2022 ,	0
134	Thermoresponsive chiral plasmonic nanoparticles 2022,	O
133	Turing milk into pro-apoptotic oral nanotherapeutic: bionic chiral-peptide supramolecule for cancer targeted and immunological therapy 2022 , 12, 2322-2334	1
132	The mechanism of ligand-induced chiral transmission through a top-down selective domain etching process.	

131	Chiral Nanoparticles with Enhanced Thermal Stability of Chiral Structures through Alloying 2022 , e2107657	О
130	Chiroptical Transitions of Enantiomeric Ligand-Activated Nickel Oxides 2022 , e2107570	Ο
129	Chemical and Physical Properties of Photonic Noble-metal Nanomaterials 2021, e2108104	1
128	Characterizing Aptamers with Reconfigurable Chiral Plasmonic Assemblies 2022,	1
127	Interface-Induced Conservation of Momentum Leads to Chiral-Induced Spin Selectivity 2022, 1791-1796	4
126	Biological applications of chiral inorganic nanomaterials 2022,	3
125	Ligand-Induced Ground- and Excited-State Chirality in Silicon Nanoparticles: Surface Interactions Matter 2022 ,	1
124	Intramolecular hydroamination of alkynes driven by isomeric Au36(SR)24 nanocluster catalysts. 1	1
123	Small symmetry-breaking triggering large chiroptical responses of Ag nanoclusters 2022 , 13, 1177	5
122	Chiral carbon dots: synthesis, optical properties, and emerging applications 2022 , 11, 75	11
121	Polarization-sensitive optoionic membranes from chiral plasmonic nanoparticles 2022,	10
120	Chiral Fluorescence Recognition by Anthracene Fluorescent Dyes? Water-Soluble Pillar[5] arene containing Phosphonic Acid Group (PWP[5]) 2022 , 1	
119	Polarization-dispersive imaging spectrometer for scattering circular dichroism spectroscopy of single chiral nanostructures 2022 , 11, 64	2
118	Structural Control and Chiroptical Response in Intrinsically Tetra- and Pentanuclear Chiral Gold Clusters 2022 , 61, 4541-4549	O
117	Bifunctionalized Metal-Organic Frameworks for Pore-Size-Dependent Enantioselective Sensing 2022 ,	3
116	Bifunctionalized Metal®rganic Frameworks for Pore-Size-Dependent Enantioselective Sensing.	
115	Chiral biosensing using terahertz twisted chiral metamaterial 2022 , 30, 14651-14660	4
114	Influence of the chirality of carbon nanodots on their interaction with proteins and cells. 2021 , 12, 7208	5

113	Wide-Range and Highly Sensitive Chiral Sensing by Discrete 2D Chirality Transfer on Confined Surfaces of Au(I)-Thiolate Nanosheets 2021 ,	О
112	Flexible, Programmable, Chiroptical Polymer Films of Twisted Stacking Layers for Circular Polarization-Based Multiplex Color Display. 2022 , 10, 2102197	3
111	Endowing inorganic nanomaterials with circularly polarized luminescence. 2022, 3,	3
110	Enantioselective Interaction between Cells and Chiral Hydroxyapatite Films. 2022, 34, 53-62	2
109	Growth of Hybrid Chiral Thin Films by Molecular Layer Deposition Zinc/Cysteine as a Case Study. 2022 , 9, 2101725	1
108	Chiral CuSe Nanoparticles for Enhanced Synergistic Cancer Chemodynamic/Photothermal Therapy in the Second Near-Infrared Biowindow 2021 ,	2
107	Revealing the nature of optical activity in carbon dots produced from different chiral precursor molecules 2022 , 11, 92	3
106	Chapter 12. Chiral Metal Electrodes for Enantioselective Analysis, Synthesis, and Separation. 2022 , 274-299	
105	Chiral nanomaterials: evolving rapidly from concepts to applications. 2022 , 3, 3677-3679	2
104	CoreCapBhell Nanoparticles@Polyaniline with Tunable Plasmonic Chiroptical Activities by pH and Electric Potential Dual Modulation. 2022 , 34, 4062-4072	O
103	Chiral Nanoassemblies. 2022 , 79-147	
102	A comparison study of the Born-Kuhn model and the finite-difference-time-domain calculations on stacked plasmonic nanorods.	
101	Chiral NIR-II fluorescent Ag2S quantum dots with stereospecific biological interactions and tumor accumulation behaviors. 2022 ,	1
100	Chirality in Light-Matter Interaction 2022 , e2107325	4
99	Chiral Nanocrystals. 2022, 27-77	
98	Cellulose Nanocrystals' Assembly under Ionic Strength Variation: From High Orientation Ordering to a Random Orientation 2022 ,	1
97	Introduction. 2022 , 1-25	
96	Metadynamics molecular dynamics and isothermal Brownian-type molecular dynamics simulations for the chiralcluster Au 2022 ,	

 $95\,$ $\,$ Tuning the Effective Interactions between Spherical Double-Stranded DNA Brushes.

94	Chiral Gold Clusters with Crosslinking Ligands: Geometric Structures and Chiroptical Activities.	
93	Chiral Nanocluster Complexes Formed by Host@uest Interaction between Enantiomeric 2,6-Helic[6]arenes and Silver Cluster Ag20: Emission Enhancement and Chirality Transfer. 2022 , 27, 3932	
92	Chiral biosensing at both interband transition and plasmonic extinction regions using twisted-stacked nanowire arrays.	O
91	Self-assembly of Fibonacci number spirals in amyloid-like nanofibril films.	
90	Chiral emission induced by the interaction between chiral phonons and localized plasmon. 2022 , 120, 261106	
89	Chiral Non-Fullerene Acceptor Enriched Bulk Heterojunctions Enable High-Performance Near-Infrared Circularly Polarized Light Detection. 2202941	2
88	Recent advances in chiral nanomaterials with unique electric and magnetic properties. 2022, 9,	O
87	Leveraging Hierarchical Chirality in Perovskite(-Inspired) Halides for Transformative Device Applications. 2200792	3
86	The progress on porous organic materials for chiral separation. 2022 , 463341	1
85	Adenine oligomer directed synthesis of chiral gold nanoparticles. 2022, 13,	2
84	Fluorescent Probes for Sensing and Imaging Biological Hydrogen Sulfide.	
83	Classifying handedness in chiral nanomaterials using label error robust deep learning. 2022, 8,	О
82	Laser-Directed Asymmetric Growth of Plasmonic Chiral Ensembles. 2100526	O
81	Generation and manipulation of chiroptical activities in coinage-metal clusters. 2022, 470, 214729	2
80	Chiral Carbon Dots Derived from Serine with Well-Defined Structure and Enantioselective Catalytic Activity.	2
79	Enantiomer-Selective Molecular Sensing in the Nonlinear Optical Regime via Upconverting Chiral Metamaterials. 2208641	
78	Multistate Circularly Polarized Luminescence Switching through Stimuli-induced Co-conformation Regulations of Pyrene-functionalized Topologically Chiral [2]Catenane.	3

77	Multistate Circularly Polarized Luminescence Switching through Stimuli-induced Co-conformation Regulations of Pyrene-functionalized Topologically Chiral [2]Catenane.	
76	Isomerism and Silver Ion-Regulated Triterpenoid-Based Nanostructures for In Situ Synthesis of Ag Nanoparticles with Plasmonic Chirality. 2022 , 5, 10735-10743	1
75	Chiral Nanoparticles Force Neural Stem Cell Differentiation to Alleviate Alzheimer's Disease. 2202475	
74	Chiral FA Conjugated CdTe/CdS Quantum Dots for Selective Cancer Ablation. 2022 , 16, 12991-13001	O
73	Induction of Chiral Hybrid Metal Halides from Achiral Building Blocks. 2022 , 144, 16471-16479	2
72	Stepwise structure evolution from 2D cluster-based frameworks to silver(I) clusters.	O
71	Chiral Organic Optoelectronic Materials and Circularly Polarized Light Luminescence and Detection. 2022 , 80, 970	1
70	Chiral functionalization of solid surfaces with amino acid derivatives: diazonium grafting regulated by enantioselective processes.	O
69	Unraveling the Complex Chirality Evolution in DNA-Assembled High-Order, Hybrid Chiroplasmonic Superstructures from Multi-Scale Chirality Mechanisms.	0
68	Unraveling the Complex Chirality Evolution in DNA-Assembled High-Order, Hybrid Chiroplasmonic Superstructures from Multi-Scale Chirality Mechanisms.	1
67	Resonant Plasmonic B iomolecular Chiral Interactions in the Far-Ultraviolet: Enantiomeric Discrimination of sub-10 nm Amino Acid Films. 2022 , 22, 7343-7350	0
66	Robust Enantiomeric Two-Dimensional Assembly of Atomically Precise Silver Clusters. 2022 , 16, 15188-15196	O
65	Electromagnetic field-enhanced chiral dimanganese trioxide nanoparticles mitigate Parkinson disease. 2022 , 65, 1911-1920	0
64	Chiral-Solvent-Mediated Manganese-Based Hierarchical Supraparticles with Chiroptical Activity. 2202741	O
63	Synchronous quantitative analysis of chiral mesostructured inorganic crystals by 3D electron diffraction tomography. 2022 , 13,	0
62	Hydrothermal synthesis of chiral carbon dots.	1
61	Design of surface nanostructures for chirality sensing based on quartz crystal microbalance. 13, 1201-1219	0
60	Chiral Mesostructured Inorganic Materials with Optical Chiral Response. 2205088	2

59	Metal-organic frameworks[tricks in asymmetric catalysis. 2022,	O
58	Biomimetic Self-Assembled Chiral Inorganic Nanomaterials: A New Strategy for Solving Medical Problems. 2022 , 7, 165	O
57	Tunable Reversal of Circular Dichroism in the Seed-Mediated Growth of Bichiral Plasmonic Nanoparticles.	2
56	Chiral fluorescent Ag<sub>2</sub>S quantum dots with stereospecific biological interactions. 2022 ,	О
55	Functional Zeolitic Imidazolate Framework for Robust l -Deoxyribozyme-Based Therapy. 2204858	0
54	Achiral-Core-Metal Change in Isomorphic Enantiomeric Ag12Ag32 and Au12Ag32 Clusters Triggers Circularly Polarized Phosphorescence. 2022 , 144, 19739-19747	1
53	Hierarchically self-assembled homochiral helical microtoroids.	5
52	Heterogeneous Ag x Cd y S-AgCd Nanoparticles with Chiral Bias for Enhanced Photocatalytic Efficiency. 2210046	О
51	Synthesis of amino acids by electrocatalytic reduction of CO2 on chiral Cu surfaces. 2022,	1
50	Azobenzene-decorated cellulose nanocrystals as photo-switchable chiral solutes in nematic liquid crystals.	1
49	Extracting Pure Circular Dichroism from Hierarchically Structured CdS Magic Cluster Films.	О
48	Analysis of Nanomedicine Efficacy for Osteoarthritis. 2200085	0
47	Construction and Catalysis Advances of Inorganic Chiral Nanostructures. 2022, 80, 1507	О
46	Classical nexus between chiral inducers and achiral silver nanoparticles and integration of the digital XOR logic gate.	О
45	Twisting of Porphyrin by Assembly in a Metal-Organic Framework yielding Chiral Photoconducting Films for Circularly-Polarized-Light Detection.	O
44	Role of Stochasticity in Helical Self-Organization during Precipitation.	О
43	Full-Color Circularly Polarized Luminescence of CsPbX 3 Nanocrystals Triggered by Chiral Carbon Dots. 2207265	О
42	Synthesis of Ligand-Induced Chiral Tellurium Nanocrystals. 2022 , 13, 11669-11677	0

41	Chiral Au Nanorods: Synthesis, Chirality Origin, and Applications.	2
40	Absolutely asymmetric synthesis driven by circularly polarized light. 2022 , 108077	0
39	Chirality Transfer from Polylactide to Achiral Fluorophore in Hierarchical Crystallization for Realizing Handedness-Tunable and Nonreciprocal Circularly Polarized Luminescence. 2022 , 55, 10618-10627	0
38	Twisting of Porphyrin by Assembly in a Metal-Organic Framework yielding Chiral Photoconducting Films for Circularly-Polarized-Light Detection.	O
37	Circularly Polarized Light-Enabled Chiral Nanomaterials: From Fabrication to Application. 2023, 15,	1
36	Chiral Inorganic Nanomaterials for Biological Applications.	O
35	Bioinspired chiral inorganic nanomaterials.	0
34	Chiral detection of biomolecules based on reinforcement learning. 2023 , 2, 220019-220019	O
33	A Facile and Rational Method to Tailor the Symmetry of Au@Ag Nanoparticles. 2209810	0
32	Chiral nematic liquid crystal organization of natural polymer nanocrystals. 1-9	O
31	Induction of Chirality in Atomically Thin ZnSe and CdSe Nanoplatelets: Strengthening of Circular Dichroism via Different Coordination of Cysteine-Based Ligands on an Ultimate Thin Semiconductor Core. 2023 , 16, 1073	0
30	Production of Lipid Constructs by Design via Three-Dimensional Nanoprinting. 2023 , 14, 372	Ο
29	Chiral metal-organic frameworks materials for racemate resolution. 2023 , 484, 215120	0
28	Chiral zinc oxide functionalized quartz crystal microbalance sensor for enantioselective recognition of amino acids. 2023 , 259, 124496	O
27	Enantioselective theranostics of brain glioma using chiral quantum structures. 2023 , 226, 111653	0
26	Ligand Chemistry of Inorganic Lead Halide Perovskite Nanocrystals. 2023 , 8, 1152-1191	O
25	Multimodal-Responsive Circularly Polarized Luminescence Security Materials.	0
24	Geometry speaks out. 2023 , 17, 134-135	Ο

23	Surfactant Directed Synthesis of Intrinsically Chiral Plasmonic Nanostructures and Precise Tuning of their Optical Activity through Controlled Self-Assembly.	O
22	Surfactant Directed Synthesis of Intrinsically Chiral Plasmonic Nanostructures and Precise Tuning of their Optical Activity through Controlled Self-Assembly.	O
21	Chiral Selenium Nanotherapeutics Regulates Selenoproteins to Attenuate Glucocorticoid-Induced Osteoporosis. 2212970	0
20	Frontiers in Circularly Polarized Phosphorescent Materials. 2214364	O
19	Brightening up Full-Color and White Circularly Polarized Luminescence through Chiral Induction and Circularly Polarized Light Excitation. 2023 , 15, 13668-13677	0
18	Chiroptical Activity in All-Inorganic Intrinsically Chiral Perovskite-like Nanocrystals Synthesized via Enantioselective Strategy. 2023 , 14, 2533-2541	O
17	Heteroatom-directed supramolecular helical-rich architectures in N-terminal protected pyridyl aromatic amino acids. 2023 , 11, 5174-5181	0
16	Influence of Geometrical Parameters on the Optical Activity of Chiral Gold Nanorods. 2203090	Ο
15	Single Amino Acid Modifications for Controlling the Helicity of Peptide-Based Chiral Gold Nanoparticle Superstructures. 2023 , 145, 6546-6553	Ο
14	Polarization-directed growth of spiral nanostructures by laser direct writing with vector beams. 2023 , 14,	Ο
13	Photonically active bowtie nanoassemblies with chirality continuum. 2023, 615, 418-424	1
12	Tuning Geometric Chirality in Metallic and Hybrid Nanostructures by Controlled Nanoscale Crystal Symmetry Breaking. 2023 , 145, 7495-7503	Ο
11	Histidine-Mediated Synthesis of Chiral Cobalt Oxide Nanoparticles for Enantiomeric Discrimination and Quantification.	0
10	Uncovering Origin of Chirality of Gold Nanoparticles Prepared through the Conventional Citrate Reduction Method. 2023 , 95, 6107-6114	Ο
9	32-Symmetric Chiral Gold Nanoplates with Near-Infrared Circular Dichroism.	0
8	Block Copolymer Enabled Synthesis and Assembly of Chiral Metal Oxide Nanoparticle.	Ο
7	Chiral Magnetic Oxide Nanomaterials: Magnetism Meets Chirality.	O
6	Plasmon-Coupled Circular Dichroism of Cysteine-Embedded Ag Nanoparticles with Strong Chiral Amplification and Long-Term Stability.	O

5	Site-Selective Chiral Growth of Anisotropic Au Triangular Nanoplates for Tuning the Optical Chirality.	O
4	Chiral Inorganic Nanostructures from Achiral Platforms: A Universal Synthesis Route via Supramolecular Self-Assembly.	О
3	Chirality Analysis of Complex Microparticles using Deep Learning on Realistic Sets of Microscopy Images.	О
2	Hierarchical Chiral Self-Assembly of Lead Halide Perovskite Nanocrystals by Oriented Phase Transition.	Ο
1	PlasmonExciton Strong Coupling Effects of the Chiral Hybrid Nanostructures Based on the Plexcitonic BornEuhn Model. 2023, 10, 1356-1366	О