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List of Publications by Year
in descending order

182	16,673	9784	15265
papers	citations	73 h-index	126 g-index

189	189	189	19149
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrothermal Preparation of Uniform Nanosize Rutile and Anatase Particles. Chemistry of Materials, 1995, 7, 663-671.	6.7	773
2	Nanoporous Anatase TiO₂ Mesocrystals: Additive-Free Synthesis, Remarkable Crystalline-Phase Stability, and Improved Lithium Insertion Behavior. Journal of the American Chemical Society, 2011, 133, 933-940.	13.7	598
3	A Systematic Examination of the Morphogenesis of Calcium Carbonate in the Presence of a Double-Hydrophilic Block Copolymer. Chemistry - A European Journal, 2001, 7, 106-116.	3.3	457
4	Polymer-Directed Synthesis of Penniform BaWO4Nanostructures in Reverse Micelles. Journal of the American Chemical Society, 2003, 125, 3450-3451.	13.7	397
5	One-Pot Synthesis of Octahedral Cu2O Nanocages via a Catalytic Solution Route. Advanced Materials, 2005, 17, 2562-2567.	21.0	353
6	Morphologyâ€Controlled Synthesis of SnO₂ Nanotubes by Using 1D Silica Mesostructures as Sacrificial Templates and Their Applications in Lithiumâ€Ion Batteries. Small, 2010, 6, 296-306.	10.0	350
7	Biomimetic Morphogenesis of Calcium Carbonate in Mixed Solutions of Surfactants and Double-Hydrophilic Block Copolymers. Advanced Materials, 2002, 14, 300-303.	21.0	339
8	Surfactant-assisted, shape-controlled synthesis of gold nanocrystals. Nanoscale, 2011, 3, 1383.	5.6	329
9	Two-dimensionally patterned nanostructures based on monolayer colloidal crystals: Controllable fabrication, assembly, and applications. Nano Today, 2011, 6, 608-631.	11.9	328
10	Synthesis and Characterization of CdS Nanoparticles Stabilized by Double-Hydrophilic Block Copolymers. Nano Letters, 2001, 1, 61-65.	9.1	327
11	Biotemplated Synthesis of Gold Nanoparticleâ€“Bacteria Cellulose Nanofiber Nanocomposites and Their Application in Biosensing. Advanced Functional Materials, 2010, 20, 1152-1160.	14.9	324
12	Simple Template-Free Solution Route for the Controlled Synthesis of Cu(OH)2and CuO Nanostructures. Journal of Physical Chemistry B, 2004, 108, 17825-17831.	2.6	310
13	Recent advances in antireflective surfaces based on nanostructure arrays. Materials Horizons, 2015, 2, 37-53.	12.2	306
14	Low-Temperature Synthesis of Star-Shaped PbS Nanocrystals in Aqueous Solutions of Mixed Cationic/Anionic Surfactants. Advanced Materials, 2006, 18, 359-362.	21.0	254
15	Self-supported Li4Ti5O12 nanosheet arrays for lithium ion batteries with excellent rate capability and ultralong cycle life. Energy and Environmental Science, 2014, 7, 1924.	30.8	252
16	Eggshell Membrane Templating of Hierarchically Ordered Macroporous Networks Composed of TiO2 Tubes. Advanced Materials, 2002, 14, 1543-1546.	21.0	239
17	Shapeâ€and Sizeâ€Controlled Synthesis of Uniform Anatase TiO₂ Nanocuboids Enclosed by Active {100} and {001} Facets. Advanced Functional Materials, 2011, 21, 3554-3563.	14.9	232
18	Synthesis of Submicrometer-Sized Hollow Silver Spheres in Mixed Polymerâ€“Surfactant Solutions. Advanced Materials, 2002, 14, 1499-1502.	21.0	231

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19	Facile Synthesis and One-Dimensional Assembly of Cyclodextrin-Capped Gold Nanoparticles and Their Applications in Catalysis and Surface-Enhanced Raman Scattering. Journal of Physical Chemistry C, 2009, 113, 13636-13642.	3.1	229
20	Crystal Design of Barium Sulfate using Double-Hydrophilic Block Copolymers. Angewandte Chemie - International Edition, 2000, 39, 604-607.	13.8	217
21	Synthesis of Copper Nanoparticles in Nonionic Water-in-Oil Microemulsions. Journal of Colloid and Interface Science, 1997, 186, 498-500.	9.4	204
22	One-Pot Synthesis of Uniform Cu₂O and CuS Hollow Spheres and Their Optical Limiting Properties. Chemistry of Materials, 2008, 20, 6263-6269.	6.7	204
23	Topotactic Transformation of Singleâ€Crystalline Precursor Discs into Discâ€Like Bi₂S₃ Nanorod Networks. Advanced Functional Materials, 2008, 18, 1194-1201.	14.9	203
24	Heterostructured Interâ€Đoped Ruthenium–Cobalt Oxide Hollow Nanosheet Arrays for Highly Efficient Overall Water Splitting. Angewandte Chemie - International Edition, 2020, 59, 17219-17224.	13.8	201
25	Formation of Silver Nanowires in Aqueous Solutions of a Double-Hydrophilic Block Copolymer. Chemistry of Materials, 2001, 13, 2753-2755.	6.7	200
26	Ionic Liquid-Assisted Growth of Single-Crystalline Dendritic Gold Nanostructures with a Three-Fold Symmetry. Chemistry of Materials, 2008, 20, 3965-3972.	6.7	200
27	Reverse Micelle Based Formation of BaCO3Nanowires. Journal of Physical Chemistry B, 1997, 101, 3460-3463.	2.6	189
28	Control of Barite Morphology by Double-Hydrophilic Block Copolymers. Chemistry of Materials, 2000, 12, 2392-2403.	6.7	188
29	Understanding Charge Transfer at PbSâ€Đecorated Graphene Surfaces toward a Tunable Photosensor. Advanced Materials, 2012, 24, 2715-2720.	21.0	177
30	Facile Synthesis of Hollow ZnS Nanospheres in Block Copolymer Solutions. Langmuir, 2003, 19, 4040-4042.	3.5	176
31	Controlled Synthesis of Gold Nanobelts and Nanocombs in Aqueous Mixed Surfactant Solutions. Langmuir, 2008, 24, 991-998.	3.5	176
32	Single Microwire Transistors of Oligoarenes by Direct Solution Process. Journal of the American Chemical Society, 2007, 129, 12386-12387.	13.7	173
33	Morphosynthesis of Rhombododecahedral Silver Cages by Self-Assembly Coupled with Precursor Crystal Templating. Angewandte Chemie - International Edition, 2005, 44, 598-603.	13.8	170
34	Large-pore mesoporous silica spheres: synthesis and application in HPLC. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 229, 1-8.	4.7	167
35	Wet Chemical Approaches to Patterned Arrays of Well-Aligned ZnO Nanopillars Assisted by Monolayer Colloidal Crystals. Chemistry of Materials, 2009, 21, 891-897.	6.7	164
36	Controlled Synthesis of Dendritic Gold Nanostructures Assisted by Supramolecular Complexes of Surfactant with Cyclodextrin. Langmuir, 2010, 26, 7582-7589.	3.5	162

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37	Formation of BaSO4 Fibres with Morphological Complexity in Aqueous Polymer Solutions. Chemistry - A European Journal, 2001, 7, 3526.	3.3	161
38	Hierarchical, Star-Shaped PbS Crystals Formed by a Simple Solution Route. Crystal Growth and Design, 2004, 4, 351-354.	3.0	157
39	Bioinspired Fabrication of 3D Ordered Macroporous Single Crystals of Calcite from a Transient Amorphous Phase. Angewandte Chemie - International Edition, 2008, 47, 2388-2393.	13.8	151
40	Heterostructured TiO₂ Nanorod@Nanobowl Arrays for Efficient Photoelectrochemical Water Splitting. Small, 2016, 12, 1469-1478.	10.0	146
41	Synthesis of mesoporous titania networks consisting of anatase nanowires by templating of bacterial cellulose membranes. Chemical Communications, 2005, , 2735.	4.1	141
42	Synthesis of Submicrometer-Sized CdS Hollow Spheres in Aqueous Solutions of a Triblock Copolymer. Langmuir, 2003, 19, 9079-9085.	3.5	134
43	Wet Chemical Synthesis of Silver Nanowire Thin Films at Ambient Temperature. Chemistry of Materials, 2004, 16, 872-876.	6.7	134
44	Architectural Control of Hierarchical Nanobelt Superstructures in Catanionic Reverse Micelles. Advanced Functional Materials, 2005, 15, 442-450.	14.9	131
45	Hydrothermal growth of large-scale micropatterned arrays of ultralong ZnO nanowires and nanobelts on zinc substrate. Chemical Communications, 2006, , 3551.	4.1	122
46	Self-cleaning, broadband and quasi-omnidirectional antireflective structures based on mesocrystalline rutile TiO2 nanorod arrays. Energy and Environmental Science, 2012, 5, 7575.	30.8	122
47	Formation of crystalline nanosized titania in reverse micelles at room temperature. Journal of Materials Chemistry, 2002, 12, 3677-3680.	6.7	119
48	Facile Fabrication of Twoâ€Dimensionally Ordered Macroporous Silver Thin Films and Their Application in Molecular Sensing. Advanced Functional Materials, 2010, 20, 3774-3783.	14.9	116
49	Facile Synthesis of Monodisperse Microspheres and Gigantic Hollow Shells of Mesoporous Silica in Mixed Waterâ^'Ethanol Solvents. Langmuir, 2007, 23, 1107-1113.	3.5	115
50	Light Management with Patterned Microâ€•and Nanostructure Arrays for Photocatalysis, Photovoltaics, and Optoelectronic and Optical Devices. Advanced Functional Materials, 2019, 29, 1807275.	14.9	115
51	Synthesis of Hierarchical Superstructures Consisting of BaCrO4 Nanobelts in Catanionic Reverse Micelles. Advanced Materials, 2003, 15, 1647-1651.	21.0	108
52	Amperometric hydrogen peroxide biosensor based on the immobilization of heme proteins on gold nanoparticlesâ€“bacteria cellulose nanofibers nanocomposite. Talanta, 2011, 84, 71-77.	5.5	107
53	Recent Progress in Selfâ€Supported Metal Oxide Nanoarray Electrodes for Advanced Lithiumâ€Ion Batteries. Advanced Science, 2016, 3, 1600049.	11.2	106
54	Micelle-Mediated Synthesis of Single-Crystalline Selenium Nanotubes. Advanced Materials, 2004, 16, 1023-1026.	21.0	105

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55	Controlled Synthesis of Ag₂S, Ag₂Se, and Ag Nanofibers by Using a General Sacrificial Template and Their Application in Electronic Device Fabrication. Advanced Functional Materials, 2008, 18, 1249-1256.	14.9	100
56	Morphological Control of Calcium Oxalate Dihydrate by a Double-Hydrophilic Block Copolymer. Chemistry of Materials, 2002, 14, 2450-2457.	6.7	99
57	Micrometer-Sized Mesoporous Silica Spheres Grown under Static Conditions. Chemistry of Materials, 1998, 10, 1623-1626.	6.7	98
58	Kinetics-controlled growth of aligned mesocrystalline SnO2 nanorod arrays for lithium-ion batteries with superior rate performance. Nano Research, 2013, 6, 243-252.	10.4	93
59	Synthesis of Calcite Single Crystals with Porous Surface by Templating of Polymer Latex Particles. Chemistry of Materials, 2005, 17, 5218-5224.	6.7	92
60	Biogenic and synthetic high magnesium calcite â€“ A review. Journal of Structural Biology, 2014, 185, 1-14.	2.8	90
61	Highâ€Performance Photodetectors Based on Organometal Halide Perovskite Nanonets. Advanced Functional Materials, 2017, 27, 1603653.	14.9	90
62	Polymer-Controlled Synthesis of Silver Nanobelts and Hierarchical Nanocolumns. Chemistry of Materials, 2007, 19, 3367-3369.	6.7	84
63	Nanosphere Lithography at the Gas/Liquid Interface: A General Approach toward Free-Standing High-Quality Nanonets. Chemistry of Materials, 2010, 22, 476-481.	6.7	84
64	Synthesis and characterization of mixed CdSî—¸ZnS nanoparticles in reverse micelles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1996, 111, 195-202.	4.7	83
65	Branched CNT@SnO₂ nanorods@carbon hierarchical heterostructures for lithium ion batteries with high reversibility and rate capability. Journal of Materials Chemistry A, 2014, 2, 15582-15589.	10.3	83
66	Shape-dependent magnetic properties of low-dimensional nanoscale Prussian blue (PB) analogue SmFe(CN)6Â·4H2O. Chemical Communications, 2005, , 4339.	4.1	81
67	Selective Synthesis of Single-Crystalline Selenium Nanobelts and Nanowires in Micellar Solutions of Nonionic Surfactants. Langmuir, 2005, 21, 6161-6164.	3.5	80
68	Preparation of BaSO4 nanoparticles in non-ionic w/o microemulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1996, 108, 117-126.	4.7	79
69	Synthesis of single crystal BaWO4 nanowires in catanionic reverse micelles. Chemical Communications, 2002, , 1704-1705.	4.1	79
70	Hierarchically ordered networks comprising crystalline ZrO2 tubes through solâ€“gel mineralization of eggshell membranes. Journal of Materials Chemistry, 2003, 13, 1119-1123.	6.7	78
71	Tunable Hybrid Photodetectors with Superhigh Responsivity. Small, 2009, 5, 2371-2376.	10.0	78
72	SnO₂@PANI Coreâ€“Shell Nanorod Arrays on 3D Graphite Foam: A High-Performance Integrated Electrode for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 9620-9629.	8.0	78

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73	Preparation of ZnS Nanorods by a Liquid Crystal Template. Journal of Colloid and Interface Science, 2002, 246, 413-416.	9.4	73
74	Solution-phase synthesis of inorganic hollow structures by templating strategies. Journal of Colloid and Interface Science, 2009, 335, 1-10.	9.4	73
75	Synthesis and Characterization of Mesostructured Tin Oxide with Crystalline Walls. Langmuir, 1998, 14, 2579-2581.	3.5	72
76	Controlled growth and shape-directed self-assembly of gold nanoarrows. Science Advances, 2017, 3, e1701183.	10.3	72
77	Controllable Self-Assembly of PbS Nanostars into Ordered Structures: Close-Packed Arrays and Patterned Arrays. ACS Nano, 2010, 4, 4707-4716.	14.6	70
78	Colloidal chemical approaches to inorganic micro- and nanostructures with controlled morphologies and patterns. Coordination Chemistry Reviews, 2010, 254, 1054-1071.	18.8	69
79	Investigation of the Microenvironment in Nonionic Reverse Micelles Using Methyl Orange and Methylene Blue as Absorption Probes. Journal of Colloid and Interface Science, 1998, 197, 36-42.	9.4	68
80	A cobalt silicate modified BiVO4 photoanode for efficient solar water oxidation. Applied Catalysis B: Environmental, 2020, 277, 119189.	20.2	67
81	Template Synthesis of Hierarchical Bi₂E₃ (E = S, Se, Te) Coreâ"Shell Microspheres and Their Electrochemical and Photoresponsive Properties. Journal of Physical Chemistry C, 2009, 113, 18075-18081.	3.1	65
82	Growth Mechanism of Penniform BaWO4Nanostructures in Catanionic Reverse Micelles Involving Polymers. Journal of Physical Chemistry B, 2006, 110, 748-753.	2.6	64
83	Synthesis of ribbons of silver nanoparticles in lamellar liquid crystals. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 157, 285-294.	4.7	61
84	Well-defined star-shaped calcite crystals formed in agarose gels. Chemical Communications, 2003, , 1180-1181.	4.1	61
85	Formation of Unusual 10-Petal BaSO4 Structures in the Presence of a Polymeric Additive. Crystal Growth and Design, 2002, 2, 191-196.	3.0	60
86	Facile synthesis of ZnS nanobowl arrays and their applications as 2D photonic crystal sensors. Journal of Materials Chemistry C, 2013, 1, 6112.	5.5	58
87	In Vitro Synthesis of High Mg Calcite under Ambient Conditions and Its Implication for Biomineralization Process. Crystal Growth and Design, 2011, 11, 2866-2873.	3.0	57
88	Synthesis and Photocatalytic Properties of Hollow Microparticles of Titania and Titania/Carbon Composites Templated by Sephadex G-100. Chemistry of Materials, 2006, 18, 3477-3485.	6.7	54
89	Photoconductivity of single-crystalline selenium nanotubes. Nanotechnology, 2007, 18, 205704.	2.6	52
90	Organic additive-free synthesis of mesocrystalline hematite nanoplates via two-dimensional oriented attachment. CrystEngComm, 2014, 16, 1553-1559.	2.6	52

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91	Porous Gold Nanobelts Templated by Metalâ"Surfactant Complex Nanobelts. Langmuir, 2010, 26, 12330-12335.	3.5	51
92	Facile Fabrication of Honeycomb-Patterned Thin Films of Amorphous Calcium Carbonate and Mosaic Calcite. Chemistry of Materials, 2010, 22, 3206-3211.	6.7	50
93	Controlled synthesis of PbSâ€"Au nanostarâ€"nanoparticle heterodimers and cap-like Au nanoparticles. Nanoscale, 2010, 2, 2418.	5.6	50
94	Controlled Growth of Ferrihydrite Branched Nanosheet Arrays and Their Transformation to Hematite Nanosheet Arrays for Photoelectrochemical Water Splitting. ACS Applied Materials & Interfaces, 2016, 8, 3651-3660.	8.0	50
95	Low-temperature, template-free synthesis of wurtzite ZnS nanostructures with hierarchical architectures. Nanotechnology, 2006, 17, 3984-3988.	2.6	49
96	Robust Î±-Fe₂O₃nanorod arrays with optimized interstices as high-performance 3D anodes for high-rate lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 13377-13383.	10.3	46
97	Dextran-Controlled Crystallization of Silver Microcrystals with Novel Morphologies. Crystal Growth and Design, 2004, 4, 1371-1375.	3.0	45
98	Preparation of iridescent colloidal crystal coatings with variable structural colors. Optics Express, 2013, 21, 17831.	3.4	45
99	Recent advances in fabrication of monolayer colloidal crystals and their inverse replicas. Science China Chemistry, 2014, 57, 58-69.	8.2	45
100	Structure and Mechanical Properties of a Pteropod Shell Consisting of Interlocked Helical Aragonite Nanofibers. Angewandte Chemie - International Edition, 2011, 50, 10361-10365.	13.8	43
101	Rapid microwave-assisted synthesis of hierarchical ZnO hollow spheres and their application in Cr(VI) removal. Nanotechnology, 2012, 23, 235604.	2.6	43
102	Hierarchical CdS Nanorod@SnO₂ Nanobowl Arrays for Efficient and Stable Photoelectrochemical Hydrogen Generation. Small, 2018, 14, e1801352.	10.0	42
103	Polymer-Assisted Crystallization and Optical Properties of Uniform Microrods of Organic Dye Sudan II. Langmuir, 2009, 25, 6781-6786.	3.5	40
104	Hierarchical MnO@C Hollow Nanospheres for Advanced Lithium-Ion Battery Anodes. ACS Applied Nano Materials, 2019, 2, 429-439.	5.0	40
105	Layered double hydroxide-hemin nanocomposite as mimetic peroxidase and its application in sensing. Sensors and Actuators B: Chemical, 2014, 192, 150-156.	7.8	38
106	Seeding-Growth of Helical Mesoporous Silica Nanofibers Templated by Achiral Cationic Surfactant. Langmuir, 2009, 25, 6040-6044.	3.5	37
107	Cyclodextrin-gated mesoporous silica nanoparticles as drug carriers for red light-induced drug release. Nanotechnology, 2017, 28, 145101.	2.6	37
108	Self-assembly of gold nanorods into vertically aligned, rectangular microplates with a supercrystalline structure. Nanoscale, 2014, 6, 996-1004.	5.6	36

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109	Heterostructured Interâ€Doped Rutheniumâ€“Cobalt Oxide Hollow Nanosheet Arrays for Highly Efficient Overall Water Splitting. Angewandte Chemie, 2020, 132, 17372-17377.	2.0	33
110	Bioinspired colloidal materials with special optical, mechanical, and cell-mimetic functions. Journal of Materials Chemistry B, 2013, 1, 251-264.	5.8	32
111	Inorganic/polymer hybrid layer stabilizing anode/electrolyte interfaces in solid-state Li metal batteries. Nano Research, 2020, 13, 3230-3234.	10.4	32
112	Controlled Growth of Micropatterned, Oriented Calcite Films on a Self-Assembled Multilayer Film. Langmuir, 2004, 20, 7378-7380.	3.5	31
113	From synthetic to biogenic Mg-containing calcites: a comparative study using FTIR microspectroscopy. Physical Chemistry Chemical Physics, 2012, 14, 2255.	2.8	31
114	Mesocrystalline TiO2 nanosheet arrays with exposed {001} facets: Synthesis via topotactic transformation and applications in dye-sensitized solar cells. Nano Research, 2017, 10, 2610-2625.	10.4	31
115	Colloidalâ€Crystalâ€Assisted Patterning of Crystalline Materials. Advanced Materials, 2010, 22, 1494-1497.	21.0	30
116	Interfacial Nanosphere Lithography toward Ag₂Sâ€“Ag Heterostructured Nanobowl Arrays with Effective Resistance Switching and Enhanced Photoresponses. Small, 2015, 11, 1183-1188.	10.0	30
117	Self-assembly of inorganic nanoparticles mediated by host-guest interactions. Current Opinion in Colloid and Interface Science, 2018, 35, 59-67.	7.4	30
118	The Effects of pH and Alkaline Earth Ions on the Formation of Nanosized Zirconia Phases Under Hydrothermal Conditions. Journal of the European Ceramic Society, 1999, 19, 1675-1681.	5.7	29
119	Helically Grooved Gold Nanoarrows: Controlled Fabrication, Superhelix, and Transcribed Chiroptical Switching. CCS Chemistry, 2021, 3, 2473-2484.	7.8	29
120	Controlled synthesis of PbSe nanotubes by solvothermal transformation from selenium nanotubes. Nanotechnology, 2009, 20, 025606.	2.6	28
121	Template-free synthesis of uniform mesoporous SnO₂ nanospheres for efficient phosphopeptide enrichment. Journal of Materials Chemistry B, 2014, 2, 1121-1124.	5.8	28
122	High-efficiency colorful perovskite solar cells using TiO2 nanobowl arrays as a structured electron transport layer. Science China Materials, 2020, 63, 35-46.	6.3	26
123	TiO2 mesocrystals: Synthesis, formation mechanisms and applications. Science China Chemistry, 2012, 55, 2318-2326.	8.2	25
124	Controlled crystallization of anhydrous guanine Î² nano-platelets via an amorphous precursor. CrystEngComm, 2019, 21, 3586-3591.	2.6	24
125	Reversible self-assembly of gold nanorods mediated by photoswitchable molecular adsorption. Nano Research, 2019, 12, 1563-1569.	10.4	24
126	Ionic liquid-assisted synthesis of thorned gold plates comprising three-branched nanotip arrays. Chemical Communications, 2011, 47, 2985.	4.1	23

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127	Hollow Nanosheet Arrays Assembled by Ultrafine Rutheniumâ€“Cobalt Phosphide Nanocrystals for Exceptional pH-Universal Hydrogen Evolution. , 2021, 3, 1695-1701.		22
128	Hydrothermal synthesis of PbTiO3 from PbO and TiO2. Journal of Materials Science Letters, 1996, 15, 1245-1246.	0.5	21
129	Morphological and structural modulation of PbWO4crystals directed by dextrans. Nanotechnology, 2008, 19, 035608.	2.6	21
130	Controlled synthesis of Mn_xFe_{1â^'x}O concave nanocubes and highly branched cubic mesocrystals. CrystEngComm, 2014, 16, 600-608.	2.6	21
131	Facile Synthesis of Mesocrystalline SnO₂ Nanorods on Reduced Graphene Oxide Sheets: An Appealing Multifunctional Affinity Probe for Sequential Enrichment of Endogenous Peptides and Phosphopeptides. ACS Applied Materials & Interfaces, 2016, 8, 35099-35105.	8.0	21
132	Seed-Mediated Electroless Deposition of Gold Nanoparticles for Highly Uniform and Efficient SERS Enhancement. Nanomaterials, 2019, 9, 185.	4.1	21
133	Top-down fabrication of hematite mesocrystals with tunable morphologies. CrystEngComm, 2013, 15, 6284.	2.6	19
134	Brittlestarâ€Inspired Microlens Arrays Made of Calcite Single Crystals. Small, 2015, 11, 1677-1682.	10.0	19
135	A Novel Tautomeric Polymorph of Anhydrous Guanine and Its Reversible Water Harvesting Property. Crystal Growth and Design, 2018, 18, 6497-6503.	3.0	19
136	â€œColloidâ€“Atom Dualityâ€•in the Assembly Dynamics of Concave Gold Nanoarrows. Journal of the American Chemical Society, 2020, 142, 11669-11673.	13.7	19
137	Conductive Polymer Intercalation Tunes Charge Transfer and Sorptionâ€“Desorption Properties of LDH Enabling Efficient Alkaline Water Oxidation. ACS Applied Materials & Interfaces, 2021, 13, 37063-37070.	8.0	19
138	Triple-layer ITO/BiVO4/Fe2TiO5 heterojunction photoanode coated with iron silicate for highly efficient solar water splitting. Chemical Engineering Journal, 2021, 426, 131290.	12.7	19
139	Microemulsion-mediated synthesis of calcium hydroxyapatite fine powders. Journal of Materials Science Letters, 1997, 16, 1779-1781.	0.5	18
140	Micrometer-sized microporous silica spheres templated by a double-hydrophilic block copolymer. Journal of Materials Science Letters, 2001, 20, 2153-2156.	0.5	16
141	Oriented Calcite Micropillars and Prisms Formed through Aggregation and Recrystallization of Poly(Acrylic Acid) Stabilized Nanoparticles. Crystal Growth and Design, 2013, 13, 3856-3863.	3.0	16
142	HPbI₃ as a Bifunctional Additive for Morphology Control and Grain Boundary Passivation toward Efficient Planar Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 38985-38993.	8.0	16
143	Binderâ€Free TiO₂â€Coated Polypropylene Separators for Advanced Lithiumâ€Ion Batteries. Energy Technology, 2020, 8, 2000228.	3.8	16
144	Controlled crystallization of twinned crystalline guanine microplatelets. CrystEngComm, 2019, 21, 6346-6353.	2.6	13

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145	Synthesis of Bioâ€Inspired Guanine Microplatelets: Morphological and Crystallographic Control. Chemistry - A European Journal, 2020, 26, 16228-16235.	3.3	13
146	Biomimetic growth of strontium oxalate aggregates with unusual morphologies in the presence of poly(methacrylic acid). CrystEngComm, 2002, 4, 536.	2.6	11
147	Calcite microrod arrays fabricated via anisotropic dissolution of calcite in the presence of NH4I and (NH4)2SO4. CrystEngComm, 2013, 15, 8867.	2.6	11
148	Hydrothermal preparation of nanosized cubic ZrO2 powders. Journal of Materials Science Letters, 1996, 15, 895-897.	0.5	10
149	Free-carrier absorption and optical limiting in the suspensions of CuS and Cu2O hollow spheres. Journal of Nanoparticle Research, 2009, 11, 989-993.	1.9	10
150	Vaterite Microdisc Mesocrystals Exposing the (001) Facet Formed via Transformation from Proto-Vaterite Amorphous Calcium Carbonate. Crystal Growth and Design, 2020, 20, 3482-3492.	3.0	10
151	Rapid synthesis of few-layer graphdiyne using radio frequency heating and its application for dendrite-free zinc anodes. 2D Materials, 2021, 8, 044003.	4.4	10
152	Controlling the packing of gold nanoparticles with grafted liquid crystals. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	9
153	Preparation of nanosized ZnS particles in water/oil emulsions by microwave heating. Journal of Materials Science Letters, 1996, 15, 1247-1248.	0.5	8
154	One-pot synthesis of CoFeâ€“Fe3O4 nanocomposites with tunable magnetic properties and long term stability. Materials Research Bulletin, 2013, 48, 3157-3163.	5.2	8
155	Calcite Microneedle Arrays Produced by Inorganic Ionâ€Assisted Anisotropic Dissolution of Bulk Calcite Crystal. Chemistry - A European Journal, 2014, 20, 4264-4272.	3.3	8
156	Ca-Doped Strontianiteâ€“Calcite Hybrid Micropillar Arrays Formed via Oriented Dissolution and Heteroepitaxial Growth on Calcite. Crystal Growth and Design, 2015, 15, 2156-2164.	3.0	8
157	Gold nanoshell arrays-based visualized sensors of pH: Facile fabrication and high diffraction intensity. Journal of Materials Research, 2017, 32, 717-725.	2.6	8
158	Synthesis of mesoporous TiO2 (anatase) in the absence of templates. Journal of Materials Science Letters, 2002, 21, 1301-1303.	0.5	7
159	Crystallization of sol-gel derived PbTi03-SiO2 glass ceramics. Journal of Materials Science Letters, 1996, 15, 1074-1076.	0.5	6
160	3D Copper Foam@FeO_x Nanoarrays as a High Areal Capacity and Stable Electrode for Lithium-Ion Batteries. ACS Applied Energy Materials, 0, , .	5.1	6
161	Reversible Crystal Phase Change between Guanosine Dihydrate and Anhydrous Guanosine by a Heatingâ€“Cooling Process. Crystal Growth and Design, 2020, 20, 2275-2282.	3.0	6
162	Biomineralization of sea urchin teeth. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2010, 5, 299-308.	0.4	5

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163	Biomimetic morphogenesis of micropottery: helical coiling of mesostructured silica nanofibers. Soft Matter, 2011, 7, 9624.	2.7	5
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