Junhu Zhang

List of Publications by Year
in descending order

191 papers	19,725 citations	26630 56 h-index	10734 138 g-index
197 all docs	197 docs citations	197 times ranked	20761 citing authors

#	Article	IF	Citations
1	Reinforced Blood-Derived Protein Hydrogels Enable Dual-Level Regulation of Bio-Physiochemical Microenvironments for Personalized Bone Regeneration with Remarkable Enhanced Efficacy. Nano Letters, 2022, 22, 3904-3913.	9.1	16
2	A sustained-release Trametinib bio-multifunction hydrogel inhibits orthodontically induced inflammatory root resorption. RSC Advances, 2022, 12, 16444-16453.	3.6	0
3	Au nanoring arrays with tunable morphological features and plasmonic resonances. Nano Research, 2021, 14, 4674-4679.	10.4	9
4	Magnesium Oxideâ€Assisted Dualâ€Crossâ€Linking Bioâ€Multifunctional Hydrogels for Wound Repair during Fullâ€Thickness Skin Injuries. Advanced Functional Materials, 2021, 31, 2105718.	14.9	60
5	Ultrahighâ€Sensitivity Sandwiched Plasmon Ruler for Labelâ€Free Clinical Diagnosis. Advanced Materials, 2020, 32, e1905927.	21.0	20
6	A Flexible Polymer Nanofiberâ€Gold Nanoparticle Composite Film for Solarâ€Thermal Seawater Desalination. Macromolecular Rapid Communications, 2020, 41, e2000390.	3.9	12
7	Conformable self-assembling amyloid protein coatings with genetically programmable functionality. Science Advances, 2020, 6, eaba1425.	10.3	36
8	Micro-/nanostructures meet anisotropic wetting: from preparation methods to applications. Materials Horizons, 2020, 7, 2566-2595.	12.2	58
9	High-sensitivity microliter blood pressure sensors based on patterned micro-nanostructure arrays. Lab on A Chip, 2020, 20, 1554-1561.	6.0	8
10	Gold Nanotetrapods with Unique Topological Structure and Ultranarrow Plasmonic Band as Multifunctional Therapeutic Agents. Journal of Physical Chemistry Letters, 2019, 10, 4505-4510.	4.6	30
11	Exploiting mammalian low-complexity domains for liquid-liquid phase separationâ€“driven underwater adhesive coatings. Science Advances, 2019, 5, eaax3155.	10.3	62
12	Pressure-controlled microfluidic sub-picoliter ultramicro-volume syringes based on integrated micro-nanostructure arrays. Lab on A Chip, 2019, 19, 3368-3374.	6.0	2
13	Unpacking the toolbox of two-dimensional nanostructures derived from nanosphere templates. Materials Horizons, 2019, 6, 1380-1408.	12.2	16
14	Graded Protein/PEG Nanopattern Arrays: Well-Defined Gradient Biomaterials to Induce Basic Cellular Behaviors. ACS Applied Materials & Interfaces, 2019, 11, 1595-1603.	8.0	12
15	Visualized Detection of Polyelectrolytes via 1D Photonic Crystals. Advanced Materials Interfaces, 2019, 6, 1801433.	3.7	5
16	Colloidal lithography-based fabrication of highly-ordered nanofluidic channels with an ultra-high surface-to-volume ratio. Lab on A Chip, 2018, 18, 979-988.	6.0	8
17	Fluorescence Manipulation of Carbon Dots by 1D Photonic Crystals. Advanced Optical Materials, 2018, 6, 1701262.	7.3	10
18	One-step fabrication of functionalized poly(etheretherketone) surfaces with enhanced biocompatibility and osteogenic activity. Materials Science and Engineering C, 2018, 88, 70-78.	7.3	37

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19	Integrated obstacle microstructures for gas-liquid separation and flow switching in microfluidic networks. Sensors and Actuators B: Chemical, 2018, 256, 735-743.	7.8	10
20	Ultrathin stimuli-responsive polymer film-based optical sensor for fast and visual detection of hazardous organic solvents. Journal of Materials Chemistry C, 2018, 6, 10861-10869.	5.5	11
21	Smart Anisotropic Wetting Surfaces with Reversed pHâ€Responsive Wetting Directions. Advanced Functional Materials, 2018, 28, 1802001.	14.9	37
22	Secondary dialkylammonium salt/crown ether [2]pseudorotaxanes as nanostructured platforms for proton transport. Chemical Communications, 2018, 54, 8092-8095.	4.1	14
23	Synergistic Reducing Effect for Synthesis of Well-Defined Au Nanooctopods With Ultra-Narrow Plasmon Band Width and High Photothermal Conversion Efficiency. Frontiers in Chemistry, 2018, 6, 335.	3.6	9
24	Thermal-Responsive Anisotropic Wetting Microstructures for Manipulation of Fluids in Microfluidics. Langmuir, 2017, 33, 494-502.	3.5	17
25	Unidirectional Wetting of Liquids on â€œJanusâ€•Nanostructure Arrays under Various Media. Langmuir, 2017, 33, 2177-2184.	3.5	8
26	Graded nanowell arrays: a fine plasmonic â€œlibraryâ€•with an adjustable spectral range. Nanoscale, 2017, 9, 6724-6733.	5.6	13
27	Anisotropic Wetting of Water on Patterned Asymmetric Nanostructure Arrays. Advanced Materials Interfaces, 2017, 4, 1700034.	3.7	16
28	Polymer-assisted fabrication of gold nanoring arrays. Nano Research, 2017, 10, 3346-3357.	10.4	15
29	Facile fabrication of homogeneous and gradient plasmonic arrays with tunable optical properties via thermally regulated surface charge density. Journal of Materials Chemistry C, 2017, 5, 3962-3972.	5.5	10
30	Au nanorods-sensitized 1DPC for visible detection of NIR light. Journal of Materials Chemistry C, 2017, 5, 2942-2950.	5.5	3
31	Naked eye plasmonic indicator with multi-responsive polymer brush as signal transducer and amplifier. Nanoscale, 2017, 9, 1925-1933.	5.6	24
32	Rationally designed particle-in-aperture hybrid arrays as large-scale, highly reproducible SERS substrates. Journal of Materials Chemistry C, 2017, 5, 11631-11639.	5.5	4
33	Autonomous Control of Fluids in a Wide Surface Tension Range in Microfluidics. Langmuir, 2017, 33, 7248-7255.	3.5	6
34	Ordered Micro/Nanostructures with Geometric Gradient: From Integrated Wettability â€œLibraryâ€•to Anisotropic Wetting Surface. Small, 2017, 13, 1601807.	10.0	38
35	Morphology-Patterned Anisotropic Wetting Surface for Fluid Control and Gasâ€“Liquid Separation in Microfluidics. ACS Applied Materials & Interfaces, 2016, 8, 13094-13103.	8.0	37
36	Multifunctional Reversible Fluorescent Controller Based on a One-Dimensional Photonic Crystal. ACS Applied Materials & Interfaces, 2016, 8, 28844-28852.	8.0	14

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37	Wrinkled single-layer graphenes fabricated by silicon nanopillar arrays. Nanotechnology, 2016, 27, 475304.	2.6	2
38	Tuning the bandgap of graphene quantum dots by gold nanoparticle-assisted O2 plasma etching. RSC Advances, 2016, 6, 97853-97860.	3.6	4
39	From 1D to 3D: a new route to fabricate tridimensional structures via photo-generation of silver networks. RSC Advances, 2015, 5, 28633-28642.	3.6	7
40	Modulate the Morphology and Spectroscopic Property of Gold Nanoparticle Arrays by Polymer-Assisted Thermal Treatment. Journal of Physical Chemistry C, 2015, 119, 11839-11845.	3.1	14
41	Thermal responsive fluorescent nanocomposites based on carbon dots. RSC Advances, 2015, 5, 15187-15193.	3.6	22
42	Janus Si Micropillar Arrays with Thermal-Responsive Anisotropic Wettability for Manipulation of Microfluid Motions. ACS Applied Materials & Interfaces, 2015, 7, 376-382.	8.0	46
43	The photoluminescence mechanism in carbon dots (graphene quantum dots, carbon nanodots, and) Tj ETQq1 1 0.784314 rgBT /Over	10.4	2,135
44	Responsive etalon based on PNIPAM@SiO₂composite spacer with rapid response rate and excellent repeatability for sensing application. Nanotechnology, 2015, 26, 285501.	2.6	4
45	Controlling Flow Behavior of Water in Microfluidics with a Chemically Patterned Anisotropic Wetting Surface. Langmuir, 2015, 31, 4032-4039.	3.5	65
46	Investigating the surface state of graphene quantum dots. Nanoscale, 2015, 7, 7927-7933.	5.6	196
47	Photoluminescent graphene quantum dots for in vitro and in vivo bioimaging using long wavelength emission. RSC Advances, 2015, 5, 39399-39403.	3.6	42
48	Ag nanoparticle/polymer composite barcode nanorods. Nano Research, 2015, 8, 2871-2880.	10.4	16
49	The crosslink enhanced emission (CEE) in non-conjugated polymer dots: from the photoluminescence mechanism to the cellular uptake mechanism and internalization. Chemical Communications, 2014, 50, 13845-13848.	4.1	245
50	Investigation into the fluorescence quenching behaviors and applications of carbon dots. Nanoscale, 2014, 6, 4676.	5.6	360
51	Common Origin of Green Luminescence in Carbon Nanodots and Graphene Quantum Dots. ACS Nano, 2014, 8, 2541-2547.	14.6	701
52	Fabrication of polyaniline nanofiber arrays on poly(etheretherketone) to induce enhanced biocompatibility and controlled behaviours of mesenchymal stem cells. Journal of Materials Chemistry B, 2014, 2, 7192-7200.	5.8	10
53	Bioinspired Multifunctional Vanadium Dioxide: Improved Thermochromism and Hydrophobicity. Langmuir, 2014, 30, 10766-10771.	3.5	131
54	Tunable Polymer Brush/Au NPs Hybrid Plasmonic Arrays Based on Hostâ€“guest Interaction. ACS Applied Materials & Interfaces, 2014, 6, 19951-19957.	8.0	16

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55	Nanotransfer printing of gold disk, ring and crescent arrays and their IR range optical properties. Journal of Materials Chemistry C, 2014, 2, 2333.	5.5	28
56	Highâ€Performance Plasmonic Sensors Based on Twoâ€Dimensional Ag Nanowell Crystals. Advanced Optical Materials, 2014, 2, 779-787.	7.3	40
57	Anisotropic Janus Si nanopillar arrays as a microfluidic one-way valve for gasâ€“liquid separation. Nanoscale, 2014, 6, 3846-3853.	5.6	35
58	Investigation of photoluminescence mechanism of graphene quantum dots and evaluation of their assembly into polymer dots. Carbon, 2014, 77, 462-472.	10.3	124
59	The fabrication of long-range ordered nanocrescent structures based on colloidal lithography and parallel imprinting. Nanotechnology, 2013, 24, 105307.	2.6	15
60	Self-assembled graphene quantum dots induced by cytochrome c: a novel biosensor for trypsin with remarkable fluorescence enhancement. Nanoscale, 2013, 5, 7776.	5.6	142
61	Direct Observation of Quantumâ€Confined Grapheneâ€Like States and Novel Hybrid States in Graphene Oxide by Transient Spectroscopy. Advanced Materials, 2013, 25, 6539-6545.	21.0	74
62	Hierarchical Polymer Brush Nanoarrays: A Versatile Way to Prepare Multiscale Patterns of Proteins. ACS Applied Materials & Interfaces, 2013, 5, 2126-2132.	8.0	30
63	Panchromatic plasmonic color patterns: from embedded Ag nanohole arrays to elevated Ag nanohole arrays. Journal of Materials Chemistry C, 2013, 1, 933-940.	5.5	21
64	Biochemical-to-optical signal transduction by pH sensitive organicâ€“inorganic hybrid Bragg stacks with a full color display. Journal of Materials Chemistry C, 2013, 1, 977-983.	5.5	27
65	Highly Photoluminescent Carbon Dots for Multicolor Patterning, Sensors, and Bioimaging. Angewandte Chemie - International Edition, 2013, 52, 3953-3957.	13.8	2,907
66	Unraveling Bright Moleculeâ€Like State and Dark Intrinsic State in Greenâ€Fluorescence Graphene Quantum Dots via Ultrafast Spectroscopy. Advanced Optical Materials, 2013, 1, 264-271.	7.3	144
67	Elliptical Polymer Brush Ring Array Mediated Protein Patterning and Cell Adhesion on Patterned Protein Surfaces. ACS Applied Materials & Interfaces, 2013, 5, 12587-12593.	8.0	30
68	Morphology-controlled fabrication of elliptical nanoring arrays based on facile colloidal lithography. Journal of Materials Chemistry C, 2013, 1, 1122-1129.	5.5	13
69	A facile approach to fabricate three-dimensional ordered macroporous rutile titania at low calcination temperature. Journal of Materials Chemistry, 2012, 22, 2435-2441.	6.7	24
70	Low Electric Field Intensity and Thermotropic Tuning Surface Plasmon Band Shift of Gold Island Film by Liquid Crystals. Journal of Physical Chemistry C, 2012, 116, 2720-2727.	3.1	15
71	Formation of nanoparticles in solid-state matrices: a strategy for bulk transparent TiO2â€“polymer nanocomposites. Polymer Chemistry, 2012, 3, 3296.	3.9	13
72	A general route to make non-conjugated linear polymers luminescent. Chemical Communications, 2012, 48, 10889.	4.1	183

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73	Graphene quantum dots with controllable surface oxidation, tunable fluorescence and up-conversion emission. RSC Advances, 2012, 2, 2717.	3.6	370
74	Polymer Bragg stack as color tunable photonic paper. Journal of Materials Chemistry, 2012, 22, 7887.	6.7	57
75	Patterning Organic/Inorganic Hybrid Bragg Stacks by Integrating One-Dimensional Photonic Crystals and Macrocavities through Photolithography: Toward Tunable Colorful Patterns as Highly Selective Sensors. ACS Applied Materials & Interfaces, 2012, 4, 1397-1403.	8.0	43
76	Avoiding coffee ring structure based on hydrophobic silicon pillar arrays during single-drop evaporation. Soft Matter, 2012, 8, 10448.	2.7	61
77	Polymer brush nanopatterns with controllable features for protein pattern applications. Journal of Materials Chemistry, 2012, 22, 25116.	6.7	30
78	Correlation between Annealing-Induced Growth of Nanocrystals and the Performance of Polymer: Nanocrystals Hybrid Solar Cells. Journal of Physical Chemistry C, 2012, 116, 1322-1328.	3.1	10
79	Elevated Ag nanohole arrays for high performance plasmonic sensors based on extraordinary optical transmission. Journal of Materials Chemistry, 2012, 22, 8903.	6.7	73
80	Suppression of the Coffee Ring Effect by Hydrosoluble Polymer Additives. ACS Applied Materials & Interfaces, 2012, 4, 2775-2780.	8.0	167
81	Control the size and surface chemistry of graphene for the rising fluorescent materials. Chemical Communications, 2012, 48, 4527.	4.1	384
82	Surface Chemistry Routes to Modulate the Photoluminescence of Graphene Quantum Dots: From Fluorescence Mechanism to Upâ€Conversion Bioimaging Applications. Advanced Functional Materials, 2012, 22, 4732-4740.	14.9	1,019
83	Fabrication of biomimetic high performance antireflective and antifogging film by spin-coating. Journal of Colloid and Interface Science, 2012, 374, 89-95.	9.4	18
84	Fluorescent Nanocomposite Based on PVA Polymer Dots. Acta Chimica Sinica, 2012, 70, 2311.	1.4	23
85	Efficient polymer/nanocrystal hybrid solar cells fabricated from aqueous materials. Energy and Environmental Science, 2011, 4, 2831.	30.8	58
86	Colorful detection of organic solvents based on responsive organic/inorganic hybrid one-dimensional photonic crystals. Journal of Materials Chemistry, 2011, 21, 1264-1270.	6.7	104
87	Strongly green-photoluminescent graphene quantum dots for bioimaging applications. Chemical Communications, 2011, 47, 6858.	4.1	1,458
88	Manipulation of Cracks in Three-Dimensional Colloidal Crystal Films via Recognition of Surface Energy Patterns: An Approach to Regulating Crack Patterns and Shaping Microcrystals. Langmuir, 2011, 27, 8018-8026.	3.5	16
89	Fabrication of Silicon/Polymer Composite Nanopost Arrays and Their Sensing Applications. Small, 2011, 7, 2769-2774.	10.0	24
90	SERS detection of proteins on micropatterned proteinâ€mediated sandwich substrates. Journal of Raman Spectroscopy, 2011, 42, 1492-1496.	2.5	16

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91	Electropolymerization of highly hydrophobic polythiophene films with high adhesion force. Journal of Applied Polymer Science, 2011, 119, 1052-1059.	2.6	17
92	Polymer pattern transformation and inorganic polygonal networks driven by thermal degradation process. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 380, 162-168.	4.7	1
93	Supercrystal structures of polyhedral PbS nanocrystals. Journal of Colloid and Interface Science, 2011, 359, 351-358.	9.4	14
94	Antireflective surfaces based on biomimetic nanopillared arrays. Nano Today, 2010, 5, 117-127.	11.9	273
95	A two-step method combining electrodepositing and spin-coating for solar cell processing. Journal of Solid State Electrochemistry, 2010, 14, 1051-1056.	2.5	12
96	Patterning Colloidal Crystals and Nanostructure Arrays by Soft Lithography. Advanced Functional Materials, 2010, 20, 3411-3424.	14.9	133
97	Bioinspired Waterâ€Vaporâ€Responsive Organic/Inorganic Hybrid Oneâ€Dimensional Photonic Crystals with Tunable Fullâ€Color Stop Band. Advanced Functional Materials, 2010, 20, 3784-3790.	14.9	184
98	Colloidal Selfâ€Assembly Meets Nanofabrication: From Twoâ€Dimensional Colloidal Crystals to Nanostructure Arrays. Advanced Materials, 2010, 22, 4249-4269.	21.0	577
99	Biomimetic polyimide nanotube arrays with slippery or sticky superhydrophobicity. Journal of Colloid and Interface Science, 2010, 344, 541-546.	9.4	58
100	Monolithic polyaniline/polyvinyl alcohol nanocomposite actuators with tunable stimuli-responsive properties. Sensors and Actuators B: Chemical, 2010, 145, 839-846.	7.8	35
101	Synthesis of size and shape controlled PbS nanocrystals and their self-assembly. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 355, 114-120.	4.7	42
102	Photoinduced cleaning of water-soluble dyes on patterned superhydrophilic/superhydrophobic substrates. Nanoscale, 2010, 2, 277-281.	5.6	21
103	Improved light extraction efficiency of white organic light-emitting devices by biomimetic antireflective surfaces. Applied Physics Letters, 2010, 96, .	3.3	46
104	Thermal-induced surface plasmon band shift of gold nanoparticle monolayer: morphology and refractive index sensitivity. Nanotechnology, 2010, 21, 465702.	2.6	44
105	A Universal Approach To Fabricate Ordered Colloidal Crystals Arrays Based on Electrostatic Self-Assembly. Langmuir, 2010, 26, 17936-17942.	3.5	40
106	Bioinspired Silica Surfaces with Near-Infrared Improved Transmittance and Superhydrophobicity by Colloidal Lithography. Langmuir, 2010, 26, 9842-9847.	3.5	99
107	Elliptical Silicon Arrays with Anisotropic Optical and Wetting Properties. Langmuir, 2010, 26, 13715-13721.	3.5	33
108	Controlled Fabrication of Fluorescent Barcode Nanorods. ACS Nano, 2010, 4, 4350-4360.	14.6	57

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109	Modulating Two-Dimensional Non-Close-Packed Colloidal Crystal Arrays by Deformable Soft Lithography. Langmuir, 2010, 26, 2930-2936.	3.5	61
110	Full Color Plasmonic Nanostructured Surfaces and Their Sensor Applications. Journal of Physical Chemistry C, 2010, 114, 19908-19912.	3.1	13
111	Morphology-controlled two-dimensional elliptical hemisphere arrays fabricated by a colloidal crystal based micromolding method. Journal of Materials Chemistry, 2010, 20, 152-158.	6.7	25
112	Organicâ€“inorganic hybrid photonic hydrogels as a colorful platform for visual detection of SCNâ˜. Chemical Communications, 2010, 46, 8636.	4.1	34
113	Building cavities in microspheres and nanospheres. Nanotechnology, 2009, 20, 065305.	2.6	17
114	Synthesis and Characterization of CdTe Nanoparticle/Polymer Functional Composites. Journal of Nanoscience and Nanotechnology, 2009, 9, 7374-8.	0.9	1
115	Biomimetic Surfaces for Highâ€Performance Optics. Advanced Materials, 2009, 21, 4731-4734.	21.0	84
116	Direct observation of surfaceâ€enhanced Raman scattering in ZnO nanocrystals. Journal of Raman Spectroscopy, 2009, 40, 1072-1077.	2.5	220
117	The effect of surface microtopography of poly(dimethylsiloxane) on protein adsorption, platelet and cell adhesion. Colloids and Surfaces B: Biointerfaces, 2009, 71, 275-281.	5.0	76
118	Self-assembly of photonic crystals from polymer colloids. Current Opinion in Colloid and Interface Science, 2009, 14, 103-114.	7.4	208
119	Multifunctional nanoparticles/silica microsphere assemblies using polyglycidyl methacrylate shells as supports. Journal of Colloid and Interface Science, 2009, 339, 83-90.	9.4	12
120	Patterns of conducting polypyrrole with tunable morphologies. Polymer, 2009, 50, 3938-3942.	3.8	9
121	Control of the self-assembly behaviors of charged gold nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 348, 240-247.	4.7	8
122	Cationic Ligand Protection: A Novel Strategy for One-Pot Preparation of Narrow-Dispersed Aqueous CdS Spheres. Langmuir, 2009, 25, 10237-10242.	3.5	19
123	Sodium-Citrate-Assisted Synthesis of Aqueous CdTe Nanocrystals: Giving New Insight into the Effect of Ligand Shell. Journal of Physical Chemistry C, 2009, 113, 827-833.	3.1	47
124	Fabrication of flexible superhydrophobic films by lift-up soft-lithography and decoration with Ag nanoparticles. Nanotechnology, 2009, 20, 065304.	2.6	54
125	Morphology and Wettability Control of Silicon Cone Arrays Using Colloidal Lithography. Langmuir, 2009, 25, 7375-7382.	3.5	103
126	White-light emission nanofibers obtained from assembling aqueous single-colored CdTe NCs into a PPV precursor and PVA matrix. Journal of Materials Chemistry, 2009, 19, 6740.	6.7	35

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127	Manipulation of semiconductor nanocrystal growth in polymer soft solids. Soft Matter, 2009, 5, 4113.	2.7	13
128	Bioinspired silicon hollow-tip arrays for high performance broadband anti-reflective and water-repellent coatings. Journal of Materials Chemistry, 2009, 19, 1806.	6.7	104
129	From two-dimensional metal-organic coordination networks to near-infrared luminescent PbS nanoparticle/layered polymer composite materials. Nano Research, 2008, 1, 195-202.	10.4	9
130	Preparation and properties of polymeric colloidal crystals containing rare earth complexes. Journal of Rare Earths, 2008, 26, 932-934.	4.8	6
131	Formation of Ordered Twoâ€Dimensional Polymer Latticeworks With Polygonal Meshes by Selfâ€Organized Anisotropic Mass Transfer. Macromolecular Chemistry and Physics, 2008, 209, 247-257.	2.2	11
132	Directing the Growth of Semiconductor Nanocrystals in Aqueous Solution: Role of Electrostatics. ChemPhysChem, 2008, 9, 1309-1316.	2.1	61
133	A Universal Approach to Fabricate Various Nanoring Arrays Based on a Colloidalâ€Crystalâ€Assistedâ€Lithography Strategy. Advanced Functional Materials, 2008, 18, 4036-4042.	14.9	64
134	Inside Front Cover: A Universal Approach to Fabricate Various Nanoring Arrays Based on a Colloidal-Crystal-Assisted-Lithography Strategy (Adv. Funct. Mater. 24/2008). Advanced Functional Materials, 2008, 18, NA-NA.	14.9	0
135	Morphology-controlled fabrication of polygonal ZnO nanobowls templated from spherical polymeric nanowell arrays. Journal of Colloid and Interface Science, 2008, 322, 327-332.	9.4	26
136	Polystyrene@TiO2 coreâ€“shell microsphere colloidal crystals and nonspherical macro-porous materials. Journal of Colloid and Interface Science, 2008, 325, 567-572.	9.4	26
137	Fabrication of surface-patterned and free-standing ZnO nanobowls. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 329, 184-189.	4.7	27
138	Transparent and stable photoluminescent solâ€“gel hybrid films by incorporating surface modified ZnO nanocrystals. Thin Solid Films, 2008, 516, 8507-8512.	1.8	5
139	Mercaptopyridine Surface-Functionalized CdTe Quantum Dots with Enhanced Raman Scattering Properties. Journal of Physical Chemistry C, 2008, 112, 996-1000.	3.1	94
140	Ligand Dynamics of Aqueous CdTe Nanocrystals at Room Temperature. Journal of Physical Chemistry C, 2008, 112, 6330-6336.	3.1	68
141	One-Step Synthesis of High-Quality Gradient CdHgTe Nanocrystals: A Prerequisite to Prepare CdHgTeâ^'Polymer Bulk Composites with Intense Near-Infrared Photoluminescence. Chemistry of Materials, 2008, 20, 6764-6769.	6.7	82
142	Assembly of non-close-packed 3D colloidal crystals from 2D ones in a polymer matrix viain situ layer-by-layer photopolymerization. Journal of Materials Chemistry, 2008, 18, 3536.	6.7	16
143	Fine-Tuning the Surface Functionality of Aqueous Luminescent Nanocrystals through Surfactant Bilayer Modification. Langmuir, 2008, 24, 12730-12733.	3.5	14
144	Facile Fabrication of Monodisperse Polymer Hollow Spheres. Langmuir, 2008, 24, 13736-13741.	3.5	75

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145	Influence of Interparticle Electrostatic Repulsion in the Initial Stage of Aqueous Semiconductor Nanocrystal Growth. Journal of Physical Chemistry C, 2008, 112, 1885-1889.	3.1	47
146	Effect of Electrostatic Interactions on the Photophysical Properties of the Composites of CdTe Nanocrystals and Carbazole-Containing Polymers. Journal of Physical Chemistry C, 2008, 112, 2317-2324.	3.1	18
147	A facile solution-phase approach to the synthesis of luminescent europium methacrylate nanowires and their thermal conversion into europium oxide nanotubes. Nanotechnology, 2008, 19, 065607.	2.6	16
148	Nanoparticles. , 2008, , 2912-2922.		0
149	Assembly of One-Dimensional Organic Luminescent Nanowires Based on Quinacridone Derivatives. Journal of Physical Chemistry C, 2007, 111, 9177-9183.	3.1	70
150	Three-Dimensional Colloidal Crystal-Assisted Lithography for Two-Dimensional Patterned Arrays. Langmuir, 2007, 23, 10725-10731.	3.5	69
151	Tunable Two-Dimensional Non-Close-Packed Microwell Arrays Using Colloidal Crystals as Templates. Langmuir, 2007, 23, 8272-8276.	3.5	30
152	Facile Fabrication of Large Area Polystyrene Colloidal Crystal Monolayer via Surfactant-free Langmuir-Blodgett Technique. Chemical Research in Chinese Universities, 2007, 23, 712-714.	2.6	29
153	Self-assembling Behavior of Amphiphilic Copolymer Containing Cross-linked Hydrophilic Block in Ethanol. Chemical Research in Chinese Universities, 2007, 23, 101-104.	2.6	1
154	Preparation of fluorescent poly(methylmethacrylate) nano capsules via internal phase separation. E-Polymers, 2007, 7, .	3.0	2
155	Application of Ultrasonic Irradiation in Aqueous Synthesis of Highly Fluorescent CdTe/CdS Coreâ^'Shell Nanocrystals. Journal of Physical Chemistry C, 2007, 111, 2465-2469.	3.1	156
156	Multifunctional Composites Obtained by Incorporating Nanocrystals into Decorated PVK Polymers. Journal of Nanomaterials, 2007, 2007, 1-7.	2.7	4
157	The Dryâ€Style Antifogging Properties of Mosquito Compound Eyes and Artificial Analogues Prepared by Soft Lithography. Advanced Materials, 2007, 19, 2213-2217.	21.0	884
158	PbS nanoparticles/polymer composite aggregates through self-assembly of amphiphilic copolymer containing cross-linked hydrophilic block. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 292, 159-164.	4.7	6
159	Enhanced light extraction from organic light-emitting devices by using microcontact printed silica colloidal crystals. Organic Electronics, 2007, 8, 635-639.	2.6	51
160	Preparation of SiO2@polystyrene@polypyrrole sandwich composites and hollow polypyrrole capsules with movable SiO2 spheres inside. Journal of Colloid and Interface Science, 2007, 315, 434-438.	9.4	62
161	The solâ€“gel preparation of ZnO/silica coreâ€“shell composites and hollow silica structure. Materials Letters, 2007, 61, 363-368.	2.6	53
162	Fabricating a binary pattern of ordered two-dimensional luminescent (mdppy)BF arrays by dewetting. Journal of Materials Chemistry, 2006, 16, 2135.	6.7	14

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163	Luminescent One-Dimensional Nanoscale Materials with PtIIâ‹…â‹…â‹…PtII Interactions. Angewandte Chemie - International Edition, 2006, 45, 5610-5613.	13.8	147
164	From Monomeric Nanofibers to PbS Nanoparticles/Polymer Composite Nanofibers through the Combined Use of Î³-Irradiation and Gas/Solid Reaction. Journal of the American Chemical Society, 2006, 128, 6298-6299.	13.7	56
165	A Simple Approach to Fabricate CdS-SiO2 Hybrid Microspheres by Producing CdS Nanoparticles on the Surface of Thiolated SiO2 Microspheres1. Chemical Research in Chinese Universities, 2006, 22, 76-79.	2.6	0
166	Ag nanoparticles-coated silicaâ€“PMMA core-shell microspheres and hollow PMMA microspheres with Ag nanoparticles in the interior surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 272, 151-156.	4.7	23
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