

# Qiangbin Wang

## List of Publications by Year in descending order

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166  
papers

13,456  
citations

18482

62  
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22832

112  
g-index

170  
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170  
docs citations

170  
times ranked

15100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise Examination of Peripheral Vascular Disease for Diabetics with a Novel Multiplexed NIR-II Fluorescence Imaging Technology. <i>Nano Today</i> , 2022, 43, 101378.	11.9	31
2	Finite Assembly of Three-dimensional DNA Hierarchical Nanoarchitectures through Orthogonal and Directional Bonding. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	1
3	Finite Assembly of Three-dimensional DNA Hierarchical Nanoarchitectures through Orthogonal and Directional Bonding. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202116416.	13.8	13
4	Assembly, Motion, and Coupling of DNA-Coded Plasmonic Nanoparticles. , 2022, , 1-28.		0
5	Chiral nanomaterials: evolving rapidly from concepts to applications. <i>Materials Advances</i> , 2022, 3, 3677-3679.	5.4	16
6	Phase transferring atomically precise gold nanoclusters to aqueous solution via single stranded DNA. <i>Science China Chemistry</i> , 2022, 65, 1003-1004.	8.2	0
7	Long-term chemical biotransformation and pathways of Cd-based quantum dots in mice. <i>Nano Today</i> , 2022, 44, 101504.	11.9	7
8	AgAuSe quantum dots with absolute photoluminescence quantum yield of 87.2%: The effect of capping ligand chain length. <i>Nano Research</i> , 2022, 15, 8555-8563.	10.4	14
9	Rapid Unperturbed Tissue Analysis for Intraoperative Cancer Diagnosis Using an Enzyme-Activated NIR-II Nanoprobe. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2637-2642.	13.8	70
10	A Targeted Activatable NIR-II Nanoprobe for Highly Sensitive Detection of Ischemic Stroke in a Photothrombotic Stroke Model. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001544.	7.6	26
11	Rapid Unperturbed Tissue Analysis for Intraoperative Cancer Diagnosis Using an Enzyme-Activated NIR-II Nanoprobe. <i>Angewandte Chemie</i> , 2021, 133, 2669-2674.	2.0	8
12	Assembling gold nanobipyramids into chiral plasmonic nanostructures with DNA origami. <i>Chemical Communications</i> , 2021, 57, 6201-6204.	4.1	15
13	Whole-Body Fluorescence Imaging in the Near-Infrared Window. <i>Advances in Experimental Medicine and Biology</i> , 2021, 3233, 83-108.	1.6	4
14	Pb-Doped Ag <sub>2</sub> Se Quantum Dots with Enhanced Photoluminescence in the NIR-II Window. <i>Small</i> , 2021, 17, e2006111.	10.0	39
15	Colloidal Alloyed Quantum Dots with Enhanced Photoluminescence Quantum Yield in the NIR-II Window. <i>Journal of the American Chemical Society</i> , 2021, 143, 2601-2607.	13.7	118
16	A Nanoformulation-Mediated Multifunctional Stem Cell Therapy with Improved Beta-Amyloid Clearance and Neural Regeneration for Alzheimer's Disease. <i>Advanced Materials</i> , 2021, 33, e2006357.	21.0	67
17	Noncovalent Self-Assembly of Protein Crystals with Tunable Structures. <i>Nano Letters</i> , 2021, 21, 1749-1757.	9.1	11
18	A Cascade Targeted and Activatable NIR-II Nanoprobe for Highly Sensitive Detection of Acute Myeloid Leukemia in an Orthotopic Model. <i>CCS Chemistry</i> , 2021, 3, 895-903.	7.8	10

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19	Catalytic DNA Origami-based Chiral Plasmonic Biosensor. Chemical Research in Chinese Universities, 2021, 37, 914-918.	2.6	3
20	Bioimaging and Biosensing in Near-Infrared-II Window. , 2021, , 401-451.		0
21	Activatable Rare Earth Near-Infrared-II Fluorescence Ratiometric Nanoprobes. Nano Letters, 2021, 21, 6576-6583.	9.1	67
22	Au@Doped Ag <sub>2</sub> Te Quantum Dots with Bright NIR-IIb Fluorescence for In Situ Monitoring of Angiogenesis and Arteriogenesis in a Hindlimb Ischemic Model. Advanced Materials, 2021, 33, e2103953.	21.0	67
23	From mouse to mouse ear cross: Nanomaterials as vehicles in plant biotechnology. Exploration, 2021, 1, 9-20.	11.0	27
24	An Activatable NIR-II Nanoprobe for In Vivo Early Real-Time Diagnosis of Traumatic Brain Injury. Angewandte Chemie - International Edition, 2020, 59, 247-252.	13.8	151
25	An Activatable NIR-II Nanoprobe for In Vivo Early Real-Time Diagnosis of Traumatic Brain Injury. Angewandte Chemie, 2020, 132, 253-258.	2.0	24
26	Precise Fabrication of De Novo Nanoparticle Lattices on Dynamic 2D Protein Crystalline Lattices. Nano Letters, 2020, 20, 1154-1160.	9.1	16
27	Interfacially Bridging Covalent Network Yields Hyperstable and Ultralong Virus-Based Fibers for Engineering Functional Materials. Angewandte Chemie, 2020, 132, 18406-18412.	2.0	2
28	Recent Progress of Hybrid Optical Probes for Neural Membrane Potential Imaging. Biotechnology Journal, 2020, 15, 2000086.	3.5	6
29	Advanced Fluorescence Imaging Technology in the Near-Infrared-II Window for Biomedical Applications. Journal of the American Chemical Society, 2020, 142, 14789-14804.	13.7	540
30	DNA-Based Adaptive Plasmonic Logic Gates. Angewandte Chemie - International Edition, 2020, 59, 15038-15042.	13.8	47
31	DNA-Based Adaptive Plasmonic Logic Gates. Angewandte Chemie, 2020, 132, 15148-15152.	2.0	12
32	Towards Active Self-Assembly Through DNA Nanotechnology. Topics in Current Chemistry, 2020, 378, 33.	5.8	15
33	Programming Dynamic Assembly of Viral Proteins with DNA Origami. Journal of the American Chemical Society, 2020, 142, 5929-5932.	13.7	30
34	Controlled Synthesis of Ag <sub>2</sub> Te@Ag <sub>2</sub> S Core-Shell Quantum Dots with Enhanced and Tunable Fluorescence in the Second Near-Infrared Window. Small, 2020, 16, e2001003.	10.0	60
35	Interfacially Bridging Covalent Network Yields Hyperstable and Ultralong Virus-Based Fibers for Engineering Functional Materials. Angewandte Chemie - International Edition, 2020, 59, 18249-18255.	13.8	4
36	Tumor Microenvironment-Activated NIR-II Nanotheranostic System for Precise Diagnosis and Treatment of Peritoneal Metastasis. Angewandte Chemie, 2020, 132, 7286-7290.	2.0	13

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37	Tumor Microenvironment-Activated NIR-II Nanotheranostic System for Precise Diagnosis and Treatment of Peritoneal Metastasis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7219-7223.	13.8	115
38	Advanced Near-Infrared Light for Monitoring and Modulating the Spatiotemporal Dynamics of Cell Functions in Living Systems. <i>Advanced Science</i> , 2020, 7, 1903783.	11.2	79
39	Near Infrared Ag <sub>2</sub> S Quantum Dots: Synthesis, Functionalization, and In Vivo Stem Cell Tracking Applications. , 2020, , 279-304.		2
40	Advanced NIR-II Fluorescence Imaging Technology for In Vivo Precision Tumor Theranostics. <i>Advanced Therapeutics</i> , 2019, 2, 1900053.	3.2	50
41	PET imaging of metabolic changes after neural stem cells and GABA progenitor cells transplantation in a rat model of temporal lobe epilepsy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2392-2397.	6.4	10
42	All-in-one theranostic nanoplatform with controlled drug release and activated MRI tracking functions for synergistic NIR-II hyperthermia-chemotherapy of tumors. <i>Nano Research</i> , 2019, 12, 2971-2981.	10.4	24
43	Reconfigurable Plasmonic Diastereomers Assembled by DNA Origami. <i>ACS Nano</i> , 2019, 13, 13702-13708.	14.6	66
44	Glutathione-capped quantum dots for plasma membrane labeling and membrane potential imaging. <i>Nano Research</i> , 2019, 12, 1321-1326.	10.4	28
45	Dual Functional Modification of Alkaline Amino Acids Induces the Self-Assembly of Cylinder-Like Tobacco Mosaic Virus Coat Proteins into Gear-Like Architectures. <i>Small</i> , 2019, 15, e1805543.	10.0	6
46	NIR-II Fluorescent Self-Assembled Peptide Nanochain for Ultrasensitive Detection of Peritoneal Metastasis. <i>Angewandte Chemie</i> , 2019, 131, 11117-11122.	2.0	21
47	NIR-II Fluorescent Self-Assembled Peptide Nanochain for Ultrasensitive Detection of Peritoneal Metastasis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11001-11006.	13.8	91
48	Chiral Plasmonic Nanostructures Enabled by Bottom-Up Approaches. <i>Annual Review of Physical Chemistry</i> , 2019, 70, 275-299.	10.8	106
49	NiFe Alloy Nanoparticles with hcp Crystal Structure Stimulate Superior Oxygen Evolution Reaction Electrocatalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6099-6103.	13.8	267
50	NiFe Alloy Nanoparticles with hcp Crystal Structure Stimulate Superior Oxygen Evolution Reaction Electrocatalytic Activity. <i>Angewandte Chemie</i> , 2019, 131, 6160-6164.	2.0	14
51	Precise Self-Assembly of Nanoparticles into Ordered Nanoarchitectures Directed by Tobacco Mosaic Virus Coat Protein. <i>Advanced Materials</i> , 2019, 31, e1901485.	21.0	38
52	Polypeptide-Conjugated Second Near-Infrared Organic Fluorophore for Image-Guided Photothermal Therapy. <i>ACS Nano</i> , 2019, 13, 3691-3702.	14.6	159
53	An NIR-II Fluorescence/Dual Bioluminescence Multiplexed Imaging for In Vivo Visualizing the Location, Survival, and Differentiation of Transplanted Stem Cells. <i>Advanced Functional Materials</i> , 2019, 29, 1806546.	14.9	76
54	Toward Precise Manipulation of DNA-Protein Hybrid Nanoarchitectures. <i>Small</i> , 2019, 15, e1804044.	10.0	30

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55	Green synthesis of NiFe LDH/Ni foam at room temperature for highly efficient electrocatalytic oxygen evolution reaction. <i>Science China Materials</i> , 2019, 62, 681-689.	6.3	70
56	Revealing the Fate of Transplanted Stem Cells In Vivo with a Novel Optical Imaging Strategy. <i>Small</i> , 2018, 14, 1702679.	10.0	60
57	Self-Assembly of Protein Crystals with Different Crystal Structures Using Tobacco Mosaic Virus Coat Protein as a Building Block. <i>ACS Nano</i> , 2018, 12, 1673-1679.	14.6	33
58	Chemical Valence-Dependent Electrocatalytic Activity for Oxygen Evolution Reaction: A Case of Nickel Sulfides Hybridized with N and S Co-Doped Carbon Nanoparticles. <i>Small</i> , 2018, 14, 1703273.	10.0	39
59	Programmable Chemotherapy and Immunotherapy against Breast Cancer Guided by Multiplexed Fluorescence Imaging in the Second Near-Infrared Window. <i>Advanced Materials</i> , 2018, 30, e1804437.	21.0	113
60	Challenges and Opportunities for Intravital Near-Infrared Fluorescence Imaging Technology in the Second Transparency Window. <i>ACS Nano</i> , 2018, 12, 9654-9659.	14.6	198
61	Ultralarge Single-Layer Porous Protein Nanosheet for Precise Nanosize Separation. <i>Nano Letters</i> , 2018, 18, 6563-6569.	9.1	44
62	Revealing the Role of Electrocatalyst Crystal Structure on Oxygen Evolution Reaction with Nickel as an Example. <i>Small</i> , 2018, 14, e1802895.	10.0	25
63	Selective in Situ Assembly of Viral Protein onto DNA Origami. <i>Journal of the American Chemical Society</i> , 2018, 140, 8074-8077.	13.7	63
64	Origin of the Plasmonic Chirality of Gold Nanorod Trimers Templated by DNA Origami. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 26835-26840.	8.0	35
65	Recent Advances in Tracking the Transplanted Stem Cells Using Near-Infrared Fluorescent Nanoprobes: Turning from the First to the Second Near-Infrared Window. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800497.	7.6	77
66	Modular Assembly of Plasmonic Nanoparticles Assisted by DNA Origami. <i>Langmuir</i> , 2018, 34, 14963-14968.	3.5	20
67	Cationic Polyelectrolyte Mediated Synthesis of MnO <sub>2</sub> -Based Core-Shell Structures as Activatable MRI Theranostic Platform for Tumor Cell Ablation. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800078.	2.3	13
68	Nanowires and Nanoparticle Chains Inside Tubular Viral Templates. <i>Methods in Molecular Biology</i> , 2018, 1776, 215-227.	0.9	1
69	Engineered Multifunctional Nanomedicine for Simultaneous Stereotactic Chemotherapy and Inhibited Osteolysis in an Orthotopic Model of Bone Metastasis. <i>Advanced Materials</i> , 2017, 29, 1605754.	21.0	99
70	Spiral Patterning of Au Nanoparticles on Au Nanorod Surface to Form Chiral AuNR@AuNP Helical Superstructures Templated by DNA Origami. <i>Advanced Materials</i> , 2017, 29, 1606533.	21.0	71
71	Neodymium-doped NaHoF <sub>4</sub> nanoparticles as near-infrared luminescent/T <sub>2</sub> -weighted MR dual-modal imaging agents in vivo. <i>Journal of Materials Chemistry B</i> , 2017, 5, 504-510.	5.8	38
72	Gram-scale synthesis of nanotherapeutic agents for CT/T <sub>1</sub> -weighted MRI bimodal imaging guided photothermal therapy. <i>Nano Research</i> , 2017, 10, 3124-3135.	10.4	11

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73	Atomic-scale Pt clusters decorated on porous $\text{Ni}(\text{OH})_2$ nanowires as highly efficient electrocatalyst for hydrogen evolution reaction. <i>Science China Materials</i> , 2017, 60, 1121-1128.	6.3	39
74	1.82 wt.% Pt/N, P co-doped carbon overwhelms 20 wt.% Pt/C as a high-efficiency electrocatalyst for hydrogen evolution reaction. <i>Nano Research</i> , 2017, 10, 238-246.	10.4	106
75	Programmable Supraassembly of a DNA Surface Adapter for Tunable Chiral Directional Self-Assembly of Gold Nanorods. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14632-14636.	13.8	76
76	Programmable Supraassembly of a DNA Surface Adapter for Tunable Chiral Directional Self-Assembly of Gold Nanorods. <i>Angewandte Chemie</i> , 2017, 129, 14824-14828.	2.0	20
77	Monitoring in Vivo Behaviors of Protein Nanocages via Encapsulating an NIR-II Ag <sub>2</sub> S Quantum Dot. <i>Procedia Technology</i> , 2017, 27, 57-58.	1.1	0
78	Co-N-Doped Mesoporous Carbon Hollow Spheres as Highly Efficient Electrocatalysts for Oxygen Reduction Reaction. <i>Small</i> , 2017, 13, 1602507.	10.0	143
79	Encapsulation of Inorganic Nanomaterials inside Virus-Based Nanoparticles for Bioimaging. <i>Nanotheranostics</i> , 2017, 1, 358-368.	5.2	24
80	Ag <sub>2</sub> S Quantum Dots for Advanced In Vivo Imaging: Seeing is Believing. , 2017, , .		0
81	Self-Assembly of Chiral Plasmonic Nanostructures. <i>Advanced Materials</i> , 2016, 28, 10499-10507.	21.0	144
82	Tailoring the Self-Assembly Behaviors of Recombinant Tobacco Mosaic Virus by Rationally Introducing Covalent Bonding at the Protein-Protein Interface. <i>Small</i> , 2016, 12, 4955-4959.	10.0	24
83	Enhanced Nanodrug Delivery to Solid Tumors Based on a Tumor Vasculature-Targeted Strategy. <i>Advanced Functional Materials</i> , 2016, 26, 4192-4200.	14.9	82
84	Optically Active AuNR@Ag Core-Shell Nanoparticles and Hierarchical Assembly via DNA-Mediated Surface Chemistry. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 34598-34602.	8.0	13
85	Coassembly of Tobacco Mosaic Virus Coat Proteins into Nanotubes with Uniform Length and Improved Physical Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 13192-13196.	8.0	10
86	Polydopamine directed MnO@C microstructures as electrode for lithium ion battery. <i>Science China Chemistry</i> , 2016, 59, 122-127.	8.2	17
87	Controlled synthesis of porous spinel cobalt manganese oxides as efficient oxygen reduction reaction electrocatalysts. <i>Nano Research</i> , 2016, 9, 207-213.	10.4	56
88	A novel photoacoustic nanoprobe of ICG@PEG-Ag <sub>2</sub> S for atherosclerosis targeting and imaging in vivo. <i>Nanoscale</i> , 2016, 8, 12531-12539.	5.6	84
89	Site-Specific Surface Functionalization of Gold Nanorods Using DNA Origami Clamps. <i>Journal of the American Chemical Society</i> , 2016, 138, 1764-1767.	13.7	84
90	Preoperative Detection and Intraoperative Visualization of Brain Tumors for More Precise Surgery: A New Dual-Modality MRI and NIR Nanoprobe. <i>Small</i> , 2015, 11, 4517-4525.	10.0	128

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91	Controlled Self-Assembly of Proteins into Discrete Nanoarchitectures Templated by Gold Nanoparticles via Monovalent Interfacial Engineering. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 11024-11031.	8.0	23
92	Large-Scale Synthesis of Single Crystalline Cu <sub>2</sub> Sb(S <sub>x</sub> Se <sub>1-x</sub> ) <sub>2</sub> Nanosheets with Tunable Composition. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1496-1499.	3.1	8
93	Site-Selective Nucleation and Controlled Growth of Gold Nanostructures in Tobacco Mosaic Virus Nanotubulars. <i>Small</i> , 2015, 11, 2505-2509.	10.0	51
94	Strong Chiroptical Activities in Gold Nanorod Dimers Assembled Using DNA Origami Templates. <i>ACS Photonics</i> , 2015, 2, 392-397.	6.6	63
95	In Vivo real-time visualization of mesenchymal stem cells tropism for cutaneous regeneration using NIR-II fluorescence imaging. <i>Biomaterials</i> , 2015, 53, 265-273.	11.4	95
96	Tuning the structural asymmetries of three-dimensional gold nanorod assemblies. <i>Chemical Communications</i> , 2015, 51, 13627-13629.	4.1	24
97	Real-time in vivo visualization of tumor therapy by a near-infrared-II Ag <sub>2</sub> S quantum dot-based theranostic nanoplatfrom. <i>Nano Research</i> , 2015, 8, 1637-1647.	10.4	113
98	Real-Time Monitoring Surface Chemistry-Dependent In Vivo Behaviors of Protein Nanocages via Encapsulating an NIR-II Ag <sub>2</sub> S Quantum Dot. <i>ACS Nano</i> , 2015, 9, 12255-12263.	14.6	155
99	Urchin-like CoP Nanocrystals as Hydrogen Evolution Reaction and Oxygen Reduction Reaction Dual-Electrocatalyst with Superior Stability. <i>Nano Letters</i> , 2015, 15, 7616-7620.	9.1	425
100	MoSe <sub>2</sub> porous microspheres comprising monolayer flakes with high electrocatalytic activity. <i>Nano Research</i> , 2015, 8, 1108-1115.	10.4	70
101	Au Nanorod Helical Superstructures with Designed Chirality. <i>Journal of the American Chemical Society</i> , 2015, 137, 457-462.	13.7	289
102	Double-Walled Au Nanocage/SiO <sub>2</sub> Nanorattles: Integrating SERS Imaging, Drug Delivery and Photothermal Therapy. <i>Small</i> , 2015, 11, 985-993.	10.0	120
103	The protein corona protects against size- and dose-dependent toxicity of amorphous silica nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 1380-1392.	2.8	68
104	DNA-programmed self-assembly of photonic nanoarchitectures. <i>NPG Asia Materials</i> , 2014, 6, e97-e97.	7.9	28
105	Templated Assembly: Fabrication of Nanoarchitectures Templated by Virus-Based Nanoparticles: Strategies and Applications ( <i>Small</i> 2/2014). <i>Small</i> , 2014, 10, 416-416.	10.0	0
106	Insights into Stabilization of a Viral Protein Cage in Templating Complex Nanoarchitectures: Roles of Disulfide Bonds. <i>Small</i> , 2014, 10, 536-543.	10.0	15
107	Fabrication of Nanoarchitectures Templated by Virus-Based Nanoparticles: Strategies and Applications. <i>Small</i> , 2014, 10, 230-245.	10.0	104
108	Properties of Quantum Dots: A New Nanoprobe for Bioimaging. , 2014, , 1263-1298.		2

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109	Tracking of Transplanted Human Mesenchymal Stem Cells in Living Mice using Near-Infrared Ag <sub>2</sub> S Quantum Dots. <i>Advanced Functional Materials</i> , 2014, 24, 2481-2488.	14.9	198
110	Fates of Fe <sub>3</sub> O <sub>4</sub> and Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles in human mesenchymal stem cells assessed by synchrotron radiation-based techniques. <i>Biomaterials</i> , 2014, 35, 6412-6421.	11.4	54
111	A generalized strategy for controlled synthesis of ternary metal sulfide nanocrystals. <i>New Journal of Chemistry</i> , 2014, 38, 77-83.	2.8	44
112	In vivo real-time visualization of tissue blood flow and angiogenesis using Ag <sub>2</sub> S quantum dots in the NIR-II window. <i>Biomaterials</i> , 2014, 35, 393-400.	11.4	366
113	Controllable growth of Ag <sub>2</sub> S-CdS heteronanostructures. <i>CrystEngComm</i> , 2014, 16, 9501-9505.	2.6	18
114	Surface Plasmon Resonance Enhanced Light Absorption and Photothermal Therapy in the Second Near-Infrared Window. <i>Journal of the American Chemical Society</i> , 2014, 136, 15684-15693.	13.7	575
115	Circular dichroism from single plasmonic nanostructures with extrinsic chirality. <i>Nanoscale</i> , 2014, 6, 14244-14253.	5.6	90
116	DNA Origami-Directed, Discrete Three-Dimensional Plasmonic Tetrahedron Nanoarchitectures with Tailored Optical Chirality. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 5388-5392.	8.0	33
117	Controlled Synthesis of Ag <sub>2</sub> S Quantum Dots and Experimental Determination of the Exciton Bohr Radius. <i>Journal of Physical Chemistry C</i> , 2014, 118, 4918-4923.	3.1	206
118	Frame-Guided Assembly of Vesicles with Programmed Geometry and Dimensions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2607-2610.	13.8	92
119	Colloidal Nanocrystals Fluoresced by Surface Coordination Complexes. <i>Scientific Reports</i> , 2014, 4, 5480.	3.3	6
120	æ—æœªåŒš¼ä½“ç³ç±³æ™ªâ…%â-æ€šè“çš„è³¼èªæ°fæžšåŒšâ…ªç”ÿç%œâ€»â-â”ç”. <i>Scientia Sinica Chimica</i> , 2014, 44, 1801-1806.		
121	Single-Layer Single-Crystalline SnSe Nanosheets. <i>Journal of the American Chemical Society</i> , 2013, 135, 1213-1216.	13.7	433
122	Bifacial DNA Origami-Directed Discrete, Three-Dimensional, Anisotropic Plasmonic Nanoarchitectures with Tailored Optical Chirality. <i>Journal of the American Chemical Society</i> , 2013, 135, 11441-11444.	13.7	208
123	DNA-Directed Gold Nanodimers with Tailored Ensemble Surface-Enhanced Raman Scattering Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 10423-10427.	8.0	27
124	Controlled synthesis of AgInS <sub>2</sub> nanocrystals and their application in organic-inorganic hybrid photodetectors. <i>CrystEngComm</i> , 2013, 15, 6443.	2.6	52
125	Selective Synthesis of Ternary Copper-Antimony Sulfide Nanocrystals. <i>Inorganic Chemistry</i> , 2013, 52, 12958-12962.	4.0	58
126	Rational Tuning the Optical Properties of Metal Sulfide Nanocrystals and Their Applications. <i>Chemistry of Materials</i> , 2013, 25, 1166-1178.	6.7	164

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127	Magnetic resonance imaging of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -labeled human mesenchymal stem cells in mice at 11.7ÅT. <i>Biomaterials</i> , 2013, 34, 3010-3019.	11.4	58
128	DNA-Directed Gold Nanodimers with Tunable Sizes and Interparticle Distances and Their Surface Plasmonic Properties. <i>Small</i> , 2013, 9, 2308-2315.	10.0	58
129	Spontaneous Self-Assembly of Silver Nanoparticles into Lamellar Structured Silver Nanoleaves. <i>ACS Nano</i> , 2013, 7, 3053-3060.	14.6	50
130	Disulfide Bond: Dramatically Enhanced Assembly Capability and Structural Stability of Tobacco Mosaic Virus Nanorods. <i>Biomacromolecules</i> , 2013, 14, 2593-2600.	5.4	49
131	Biodistribution, pharmacokinetics and toxicology of Ag <sub>2</sub> S near-infrared quantum dots in mice. <i>Biomaterials</i> , 2013, 34, 3639-3646.	11.4	228
132	Novel multifunctional NaYF <sub>4</sub> :Er <sup>3+</sup> ,Yb <sup>3+</sup> /PEGDA hybrid microspheres: NIR-light-activated photopolymerization and drug delivery. <i>Chemical Communications</i> , 2013, 49, 1527.	4.1	101
133	Facile Synthesis of Highly Photoluminescent Ag <sub>2</sub> Se Quantum Dots as a New Fluorescent Probe in the Second Near-Infrared Window for in Vivo Imaging. <i>Chemistry of Materials</i> , 2013, 25, 2503-2509.	6.7	257
134	Effects of simvastatin-loaded polymeric micelles on human osteoblast-like MG-63 cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 420-427.	5.0	31
135	Single-molecule level binding force between collagen and collagen binding domain-growth factor conjugates. <i>Biomaterials</i> , 2013, 34, 6139-6146.	11.4	28
136	DNA Origami Directed Large-Scale Fabrication of Nanostructures Resembling Room Temperature Single-Electron Transistors. <i>Small</i> , 2013, 9, 3567-3571.	10.0	25
137	DNA Origami: DNA Origami Directed Large-Scale Fabrication of Nanostructures Resembling Room Temperature Single-Electron Transistors ( <i>Small</i> 21/2013). <i>Small</i> , 2013, 9, 3724-3724.	10.0	0
138	Controlled synthesis of metal sulfide nanocrystals by thermal decomposition of single-source precursors. <i>Scientia Sinica Chimica</i> , 2013, 43, 1601-1613.	0.4	0
139	Exploration on the safety assessment of nanomaterials in China. <i>Interface Focus</i> , 2012, 2, 387-392.	3.0	6
140	In-Vivo Fluorescence Imaging with Ag <sub>2</sub> S Quantum Dots in the Second Near-Infrared Region. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9818-9821.	13.8	645
141	Three-Dimensional Gold Nanoparticle Clusters with Tunable Cores Templated by a Viral Protein Scaffold. <i>Small</i> , 2012, 8, 3832-3838.	10.0	32
142	Metal ion redox potential plays an important role in high-yield synthesis of monodisperse silver nanoparticles. <i>Chemical Communications</i> , 2012, 48, 4728.	4.1	36
143	Ag <sub>2</sub> S Quantum Dot: A Bright and Biocompatible Fluorescent Nanoprobe in the Second Near-Infrared Window. <i>ACS Nano</i> , 2012, 6, 3695-3702.	14.6	669
144	Manganese-Doped Ag <sub>2</sub> S-ZnS Heteronanostructures. <i>Chemistry of Materials</i> , 2012, 24, 2407-2413.	6.7	87

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145	Controllable synthesis of MnS nanocrystals from a single-source precursor. <i>Journal of Colloid and Interface Science</i> , 2012, 377, 13-17.	9.4	19
146	Controllable synthesis of monodispersed silver nanoparticles as standards for quantitative assessment of their cytotoxicity. <i>Biomaterials</i> , 2012, 33, 1714-1721.	11.4	150
147	Monofunctionalization of Protein Nanocages. <i>Journal of the American Chemical Society</i> , 2011, 133, 20040-20043.	13.7	35
148	Generalized synthesis of metal sulfide nanocrystals from single-source precursors: size, shape and chemical composition control and their properties. <i>CrystEngComm</i> , 2011, 13, 4572.	2.6	80
149	Tunable, Discrete, Three-Dimensional Hybrid Nanoarchitectures. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4202-4205.	13.8	50
150	Matchstick-Shaped Ag <sub>2</sub> S@ZnS Heteronanostructures Preserving both UV/Blue and Near-Infrared Photoluminescence. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7115-7118.	13.8	153
151	Near-Infrared Photoluminescent Ag <sub>2</sub> S Quantum Dots from a Single Source Precursor. <i>Journal of the American Chemical Society</i> , 2010, 132, 1470-1471.	13.7	577
152	One-pot polymerase chain reaction with gold nanoparticles for rapid and ultrasensitive DNA detection. <i>Nano Research</i> , 2010, 3, 557-563.	10.4	30
153	The osteogenic effect of bone morphogenetic protein-2 on the collagen scaffold conjugated with antibodies. <i>Journal of Controlled Release</i> , 2010, 141, 30-37.	9.9	53
154	Photonic interaction between quantum dots and gold nanoparticles in discrete nanostructures through DNA directed self-assembly. <i>Chemical Communications</i> , 2010, 46, 240-242.	4.1	51
155	Diverse-shaped iron sulfide nanostructures synthesized from a single source precursor approach. <i>CrystEngComm</i> , 2010, 12, 3658.	2.6	62
156	Ultrathin single crystal ZnS nanowires. <i>Chemical Communications</i> , 2010, 46, 8941.	4.1	84
157	Preparation of photostable quantum dot-polystyrene microbeads through covalent organosilane coupling of CdSe@Zns quantum dots. <i>Journal of Materials Science</i> , 2009, 44, 816-820.	3.7	14
158	Quantum Dot Bioconjugation during Core-Shell Synthesis. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 316-319.	13.8	80
159	DNA-Directed Self-Assembly of Quantum Dots into Two-Dimensional Nanopatterns. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5157-5159.	13.8	151
160	Cell Nucleus Penetration by Quantum Dots Induced by Nuclear Staining Organic Fluorophore and UV-Irradiation. <i>Advanced Materials</i> , 2008, 20, 3468-3473.	21.0	18
161	A Facile One-Step in situ Functionalization of Quantum Dots with Preserved Photoluminescence for Bioconjugation. <i>Journal of the American Chemical Society</i> , 2007, 129, 6380-6381.	13.7	105
162	Layer-by-layer growth of superparamagnetic, fluorescent barcode nanospheres. <i>Nanotechnology</i> , 2007, 18, 405604.	2.6	20

#	ARTICLE	IF	CITATIONS
163	Synthesis of Deep-Red-Emitting CdSe Quantum Dots and General Non-Inverse-Square Behavior of Quantum Confinement in CdSe Quantum Dots. <i>Chemistry of Materials</i> , 2006, 18, 5764-5767.	6.7	59
164	Preparation of Large Transparent Silica Monoliths with Embedded Photoluminescent CdSe@ZnS Core/Shell Quantum Dots. <i>Chemistry of Materials</i> , 2005, 17, 4762-4764.	6.7	78
165	Nanofriction properties of molecular deposition films. <i>Science in China Series B: Chemistry</i> , 2000, 43, 137-142.	0.8	14
166	Single-particle fluorescence tracking combined with TrackMate assay reveals highly heterogeneous and discontinuous lysosomal transport in freely orientated axons. <i>Biotechnology Journal</i> , 0, , 2200006.	3.5	0