

An overview of nanoparticles commonly used in fluores

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Mannose-displaying fluorescent framboidal nanoparticles containing phenylboronic acid groups as a potential drug carrier for macrophage targeting. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 1174-1181.	2.5	9
3	The modified upconversion nanomaterials (UCNMs) for multimodal imaging and therapies. <i>Biomedical Spectroscopy and Imaging</i> , 2015, 4, 391-412.	1.2	5
4	Self-Assembly of Antimicrobial Peptides on Gold Nanodots: Against Multidrug-Resistant Bacteria and Wound-Healing Application. <i>Advanced Functional Materials</i> , 2015, 25, 7189-7199.	7.8	249
5	Multiple Temperature-Sensing Behavior of Green and Red Upconversion Emissions from Stark Sublevels of Er ³⁺ . <i>Sensors</i> , 2015, 15, 30981-30990.	2.1	51
6	Multifunctional hydroxyapatite nanoparticles for drug delivery and multimodal molecular imaging. <i>Mikrochimica Acta</i> , 2015, 182, 1567-1589.	2.5	96
7	Bioorthogonal fluorescent labels: a review on combined forces. <i>Methods and Applications in Fluorescence</i> , 2015, 3, 042001.	1.1	50
8	Study on the Intermixing of Core and Shell in NaEu ₄ /NaGdF ₄ Core/Shell Nanocrystals. <i>Chemistry of Materials</i> , 2015, 27, 8375-8386.	3.2	41
9	Simultaneous fluoroimmunoassay of two tumor markers based on CdTe quantum dots and gold nanocluster coated-silica nanospheres as labels. <i>RSC Advances</i> , 2015, 5, 105992-105998.	1.7	11
10	Long-wavelength analyte-sensitive luminescent probes and optical (bio)sensors. <i>Methods and Applications in Fluorescence</i> , 2015, 3, 042005.	1.1	39
11	Polymeric multifunctional nanomaterials for theranostics. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6856-6870.	2.9	140
12	One-pot synthesis of Au/Ag bimetallic nanoparticles to modulate the emission of CdSe/CdS quantum dots. <i>RSC Advances</i> , 2015, 5, 58163-58170.	1.7	7
13	Poly-(allylamine hydrochloride)-coated but not poly(acrylic acid)-coated upconversion nanoparticles induce autophagy and apoptosis in human blood cancer cells. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5769-5776.	2.9	18
14	Quantum dots in nanomedicine: recent trends, advances and unresolved issues. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 419-427.	1.0	87
15	Polymeric AIE-based nanoprobe for biomedical applications: recent advances and perspectives. <i>Nanoscale</i> , 2015, 7, 11486-11508.	2.8	485
16	Heteroatom substituted and decorated graphene: preparation and applications. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 32077-32098.	1.3	64
17	Tailoring Cellular Uptake of Conjugated Polymer Nanoparticles Using Modular Amphiphilic Peptide Capping Ligands. <i>Chemistry of Materials</i> , 2015, 27, 6879-6889.	3.2	25
18	Analysing the effect of the crystal structure on upconversion luminescence in Yb ³⁺ ,Er ³⁺ -co-doped NaYF ₄ nanomaterials. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11228-11238.	2.7	90
19	Tailoring Oxygen Sensitivity with Halide Substitution in Difluoroboron Dibenzoylmethane Polylactide Materials. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23633-23643.	4.0	72

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20	Functionalized bismuth ferrite harmonic nanoparticles for cancer cells labeling and imaging. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	12
21	Oleyl-hyaluronan micelles loaded with upconverting nanoparticles for bio-imaging. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	4
22	Upconversion luminescent nanoparticles in physical sensing and in monitoring physical processes in biological samples. <i>Methods and Applications in Fluorescence</i> , 2015, 3, 042002.	1.1	24
23	Development of an Optical Nanosensor Incorporating a pH-Sensitive Quencher Dye for Potassium Imaging. <i>Analytical Chemistry</i> , 2015, 87, 10684-10687.	3.2	25
24	Efficient control of coulomb enhanced second harmonic generation from excitonic transitions in quantum dot ensembles. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 23938-23946.	1.3	26
25	One-step facile synthesis of fluorescent gold nanoclusters for rapid bio-imaging of cancer cells and small animals. <i>RSC Advances</i> , 2015, 5, 63821-63826.	1.7	29
26	Nanoparticle Probes for the Detection of Cancer Biomarkers, Cells, and Tissues by Fluorescence. <i>Chemical Reviews</i> , 2015, 115, 10530-10574.	23.0	864
27	A Pd ₈ Tetrafacial Molecular Barrel as Carrier for Water Insoluble Fluorophore. <i>Journal of the American Chemical Society</i> , 2015, 137, 11916-11919.	6.6	140
28	Biopolymer-mediated Green Synthesis of Noble Metal Nanostructures. , 0, , .		4
29	The Large-Scale Synthesis of Vinyl-Functionalized Silicon Quantum Dot and Its Application in Miniemulsion Polymerization. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-7.	1.5	6
30	Nanoscale fluorescent stone Luminescent Calcium Fluoride Nanoparticles as Theranostic Platforms. <i>Theranostics</i> , 2016, 6, 2380-2393.	4.6	41
31	Upconversion Nanoparticles for Bioimaging and Regenerative Medicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2016, 4, 47.	2.0	76
32	Analysis of the Changes in Expression Levels of Sialic Acid on Influenza-Virus-Infected Cells Using Lectin-Tagged Polymeric Nanoparticles. <i>Frontiers in Microbiology</i> , 2016, 7, 1147.	1.5	5
33	Dye-Doped Fluorescent Silica Nanoparticles for Live Cell and In Vivo Bioimaging. <i>Nanomaterials</i> , 2016, 6, 81.	1.9	64
34	Self-Activated Fluorescent Hydroxyapatite Nanoparticles: A Promising Agent for Bioimaging and Biolabeling. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1257-1264.	2.6	72
35	Widefield imaging of upconverting nanoparticles on epifluorescence microscopes adapted for laser illumination with top-hat profile. <i>Journal of Biomedical Optics</i> , 2016, 21, 056007.	1.4	4
36	Fluorescent Polymer Nanoparticles Based on Dyes: Seeking Brighter Tools for Bioimaging. <i>Small</i> , 2016, 12, 1968-1992.	5.2	487
37	Prolonged Dye Release from Mesoporous Silica-Based Imaging Probes Facilitates Long-Term Optical Tracking of Cell Populations In Vivo. <i>Small</i> , 2016, 12, 1578-1592.	5.2	26

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38	Supramolecular Polymeric Fluorescent Nanoparticles Based on Quadruple Hydrogen Bonds. <i>Advanced Functional Materials</i> , 2016, 26, 5483-5489.	7.8	105
39	Biomedical Uses for 2D Materials Beyond Graphene: Current Advances and Challenges Ahead. <i>Advanced Materials</i> , 2016, 28, 6052-6074.	11.1	335
40	Synthesis of Ultrathin MnS Shell on ZnS: Mn Nanorods by One-Step Coating and Doping for MRI and Fluorescent Imaging. <i>Advanced Optical Materials</i> , 2016, 4, 1115-1123.	3.6	11
41	Achievement of linear response for competitive bioaffinity assays of ligands: criteria of optimized interaction systems. <i>RSC Advances</i> , 2016, 6, 110858-110865.	1.7	1
42	Super-resolution microscopy reveals a golden kiss of death to mitochondria. <i>Cell Death Discovery</i> , 2016, 2, 16038.	2.0	1
43	Multifunctional Polymeric Platform of Magnetic Ferrite Colloidal Superparticles for Luminescence, Imaging, and Hyperthermia Applications. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 35059-35070.	4.0	40
44	AIE-active conjugated polymer nanoparticles with red-emission for in vitro and in vivo imaging. <i>RSC Advances</i> , 2016, 6, 114580-114586.	1.7	12
46	Gadolinium chloride elicits apoptosis in human osteosarcoma U-2 OS cells through extrinsic signaling, intrinsic pathway and endoplasmic reticulum stress. <i>Oncology Reports</i> , 2016, 36, 3421-3426.	1.2	11
47	High-resolution fast ion microscopy of single whole biological cells. <i>Applied Physics Reviews</i> , 2016, 3, .	5.5	9
48	Highly stable and blue-emitting copper nanocluster dispersion prepared by magnetron sputtering over liquid polymer matrix. <i>RSC Advances</i> , 2016, 6, 105030-105034.	1.7	13
49	Multi-modal imaging of HeLa cells using a luminescent ZnS:Mn/NaGdF ₄ :Yb:Er nanocomposite with enhanced upconversion red emission. <i>RSC Advances</i> , 2016, 6, 33569-33579.	1.7	10
50	Nanoprobes for optical bioimaging. <i>Optical Materials Express</i> , 2016, 6, 1262.	1.6	13
51	Polymer-Based and pH-Sensitive Nanobiosensors for Imaging and Therapy of Acidic Pathological Areas. <i>Pharmaceutical Research</i> , 2016, 33, 2358-2372.	1.7	18
52	Non-coordinating anions assemble cyanine amphiphiles into ultra-small fluorescent nanoparticles. <i>Chemical Communications</i> , 2016, 52, 7962-7965.	2.2	14
53	Synthesis and characterization of metallo-supramolecular polymers. <i>Chemical Society Reviews</i> , 2016, 45, 5311-5357.	18.7	332
54	Inorganic nanoparticles for optical bioimaging. <i>Advances in Optics and Photonics</i> , 2016, 8, 1.	12.1	175
55	Biocompatible glutathione-capped gold nanoclusters for dual fluorescent sensing and imaging of copper(II) and temperature in human cells and bacterial cells. <i>Mikrochimica Acta</i> , 2016, 183, 2185-2195.	2.5	54
56	The Research and Applications of Quantum Dots as Nano-Carriers for Targeted Drug Delivery and Cancer Therapy. <i>Nanoscale Research Letters</i> , 2016, 11, 207.	3.1	134

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57	Study of a Strong Luminescent Core Shell Nanocomposite of Europium Complex Coated on Gold Nanoparticles: Synthesis and Properties. <i>Journal of Electronic Materials</i> , 2016, 45, 4400-4406.	1.0	5
58	Multifunctional Liposome Nanocarriers Combining Upconverting Nanoparticles and Anticancer Drugs. <i>Journal of Physical Chemistry B</i> , 2016, 120, 4992-5001.	1.2	58
59	Antibacterial, Antiviral, and Oxygen-Sensing Nanoparticles Prepared from Electrospun Materials. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25127-25136.	4.0	39
60	A New Generation of Primary Luminescent Thermometers Based on Silicon Nanoparticles and Operating in Different Media. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 740-748.	1.2	29
61	Lanthanide (Gd ³⁺ and Yb ³⁺) functionalized gold nanoparticles for in vivo imaging and therapy. <i>Biomaterials</i> , 2016, 108, 35-43.	5.7	67
62	Two-Photon Luminescent Bone Imaging Using Europium Nanoagents. <i>CheM</i> , 2016, 1, 438-455.	5.8	51
63	Glucose dithiocarbamate derivatives as capping ligands of water-soluble CdSeS/ZnS quantum dots. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 509, 656-665.	2.3	5
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65	Sulforhodamine Nanothermometer for Multiparametric Fluorescence Lifetime Imaging Microscopy. <i>Analytical Chemistry</i> , 2016, 88, 10566-10572.	3.2	55
66	Reactive oxygen species generating systems meeting challenges of photodynamic cancer therapy. <i>Chemical Society Reviews</i> , 2016, 45, 6597-6626.	18.7	1,483
67	5 Synergistic Effects in Organic-Coated Upconversion Nanoparticles. <i>Nanomaterials and Their Applications</i> , 2016, , 101-138.	0.0	5
68	Cytotoxicity and imaging studies of $\text{NaGdF}_4:\text{Yb}^{3+}\text{Er}^{3+}$ @PEG-Mo nanorods. <i>RSC Advances</i> , 2016, 6, 95633-95643.	1.7	12
69	Overcoming Autofluorescence: Long-Lifetime Infrared Nanoparticles for Time-Gated In Vivo Imaging. <i>Advanced Materials</i> , 2016, 28, 10188-10193.	11.1	108
70	Heteroatom-doped carbon dots: synthesis, characterization, properties, photoluminescence mechanism and biological applications. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7204-7219.	2.9	396
71	Terbium ion-coordinated carbon dots for fluorescent aptasensing of adenosine 5'-triphosphate with unmodified gold nanoparticles. <i>Biosensors and Bioelectronics</i> , 2016, 86, 978-984.	5.3	72
72	MnO ₂ -induced synthesis of fluorescent polydopamine nanoparticles for reduced glutathione sensing in human whole blood. <i>Nanoscale</i> , 2016, 8, 15604-15610.	2.8	87
73	Measuring Protein Binding to Individual Hydrogel Nanoparticles with Single-Nanoparticle Surface Plasmon Resonance Imaging Microscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16843-16849.	1.5	25
74	Intravital Correlative Microscopy: Imaging Life at the Nanoscale. <i>Trends in Cell Biology</i> , 2016, 26, 848-863.	3.6	86

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76	Synthesis of red fluorescent graphene quantum dot-europium complex composites as a viable bioimaging platform. <i>Mikrochimica Acta</i> , 2016, 183, 2605-2613.	2.5	21
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78	Development of stained polymeric nanocapsules loaded with model drugs: Use of a fluorescent poly(phenyleneethynylene). <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 442-449.	2.5	8
79	Two-Photon Excitation Temperature Nanosensors Based on a Conjugated Fluorescent Polymer Doped with a Europium Probe. <i>Advanced Optical Materials</i> , 2016, 4, 1854-1859.	3.6	33
80	Cellulose-Based Solid Fluorescent Materials. <i>Advanced Optical Materials</i> , 2016, 4, 2044-2050.	3.6	81
81	Metal-based quantum dots: synthesis, surface modification, transport and fate in aquatic environments and toxicity to microorganisms. <i>RSC Advances</i> , 2016, 6, 78595-78610.	1.7	101
82	Protein-Sized Bright Fluorogenic Nanoparticles Based on Cross-Linked Calixarene Micelles with Cyanine Corona. <i>Angewandte Chemie</i> , 2016, 128, 16116-16120.	1.6	12
83	Protein-Sized Bright Fluorogenic Nanoparticles Based on Cross-Linked Calixarene Micelles with Cyanine Corona. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15884-15888.	7.2	45
84	A water-soluble and biocompatible polymeric nanolabel based on naphthalimide grafted poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Over <i>Biointerfaces</i> , 2016, 148, 293-298.	2.5	11
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88	Autofluorescent gelatin nanoparticles as imaging probes to monitor matrix metalloproteinase metabolism of cancer cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 2854-2860.	2.1	25
89	A Versatile and Clearable Nanocarbon Theranostic Based on Carbon Dots and Gadolinium Metallofullerene Nanocrystals. <i>Advanced Healthcare Materials</i> , 2016, 5, 2283-2294.	3.9	26
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91	Profluorescent PPV-Based Micellar System as a Versatile Probe for Bioimaging and Drug Delivery. <i>Biomacromolecules</i> , 2016, 17, 4086-4094.	2.6	28
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94	PEGylated silica-enzyme nanoconjugates: a new frontier in large scale separation of α -amylase. <i>Scientific Reports</i> , 2016, 5, 18221.	1.6	16
95	Dye-doped silica nanoparticle probes for fluorescence lifetime imaging of reductive environments in living cells. <i>RSC Advances</i> , 2016, 6, 104164-104172.	1.7	12
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97	Intraperitoneal Administration of Biointerface-Camouflaged Upconversion Nanoparticles for Contrast Enhanced Imaging of Pancreatic Cancer. <i>Advanced Functional Materials</i> , 2016, 26, 8631-8642.	7.8	23
98	Hydrophobic Carbon Nanodots with Rapid Cell Penetrability and Tunable Photoluminescence Behavior for in Vitro and in Vivo Imaging. <i>Langmuir</i> , 2016, 32, 12221-12229.	1.6	45
99	Plasmonic Nanoprobes for Stimulated Emission Depletion Nanoscopy. <i>ACS Nano</i> , 2016, 10, 10454-10461.	7.3	29
100	Influence of complexing ion on the fluorescence sensitization efficiency for oxazine dyes in nanoparticles of Sc, Eu, Sm, and Lu diketonates. <i>Optics and Spectroscopy (English Translation of) Tj ETQq1 1 0.784814 rgBT4Overlo</i>		
101	Template synthesis, structure, optical and catalytic properties derived from novel cadmium tungstates. <i>Polyhedron</i> , 2016, 113, 102-108.	1.0	9
102	Visible-light excitable highly luminescent molecular plastic materials derived from Eu ³⁺ -biphenyl based β^2 -diketonate ternary complex and poly(methylmethacrylate). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 328, 171-181.	2.0	21
103	Droplet Enhanced Fluorescence for Ultrasensitive Detection Using Inkjet. <i>Analytical Chemistry</i> , 2016, 88, 6135-6139.	3.2	13
104	Expansion of bioorthogonal chemistries towards site-specific polymer-protein conjugation. <i>Polymer Chemistry</i> , 2016, 7, 4584-4598.	1.9	19
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106	Construction of fluorescent polymeric nano-thermometers for intracellular temperature imaging: A review. <i>Biosensors and Bioelectronics</i> , 2016, 85, 403-413.	5.3	71
107	Photoactivation of Luminescent Centers in Single SiO ₂ Nanoparticles. <i>Nano Letters</i> , 2016, 16, 4312-4316.	4.5	29
108	Photoactivation of Diiodido-Pt(IV) Complexes Coupled to Upconverting Nanoparticles. <i>Molecular Pharmaceutics</i> , 2016, 13, 2346-2362.	2.3	29
109	Fluorescent nanoprobes for sensing and imaging of metal ions: Recent advances and future perspectives. <i>Nano Today</i> , 2016, 11, 309-329.	6.2	211
110	A Pd/silica composite with highly uniform Pd nanoparticles on silica lamella via layered silicate. <i>Chemical Physics Letters</i> , 2016, 658, 88-91.	1.2	6

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112	Exploiting the biological windows: current perspectives on fluorescent bioprobes emitting above 1000 nm. <i>Nanoscale Horizons</i> , 2016, 1, 168-184.	4.1	527
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114	Characterization of multifunctional $\text{NaEuF}_4/\text{NaGdF}_4$ core-shell nanoparticles with narrow size distribution. <i>Nanoscale</i> , 2016, 8, 2832-2843.	2.8	12
115	Highly selective luminescent nanostructures for mitochondrial imaging and targeting. <i>Nanoscale</i> , 2016, 8, 3350-3361.	2.8	38
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117	Recognition of MCF-7 human breast carcinoma cells using silica-encapsulated fluorescent nanoparticles modified with aminophenylboronic acid. <i>Mikrochimica Acta</i> , 2016, 183, 1115-1122.	2.5	10
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122	Enhanced sensing ability of fluorescent chemosensors with triphenylamine-functionalized conjugated polyfluorene. <i>Sensors and Actuators B: Chemical</i> , 2016, 231, 399-411.	4.0	11
123	Carbon dots serve as an effective probe for the quantitative determination and for intracellular imaging of mercury(II). <i>Mikrochimica Acta</i> , 2016, 183, 1611-1618.	2.5	82
124	Multicolor nanoprobe based on silica-coated gadolinium oxide nanoparticles with highly reduced toxicity. <i>RSC Advances</i> , 2016, 6, 19758-19762.	1.7	26
125	Fluorescence optical imaging in anticancer drug delivery. <i>Journal of Controlled Release</i> , 2016, 226, 168-181.	4.8	107
126	Size Optimization of Iron Oxide@Noble Metal Core-Shell Nanohybrids for Photothermal Applications. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5630-5639.	1.5	24
127	A review on fluorescent inorganic nanoparticles for optical sensing applications. <i>RSC Advances</i> , 2016, 6, 21624-21661.	1.7	127
128	Ion-Selective Optical Nanosensors Based on Solvatochromic Dyes of Different Lipophilicity: From Bulk Partitioning to Interfacial Accumulation. <i>ACS Sensors</i> , 2016, 1, 516-520.	4.0	46

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130	Intrinsic fluorescence of selenium nanoparticles for cellular imaging applications. <i>Nanoscale</i> , 2016, 8, 3376-3385.	2.8	39
131	Microwave-assisted synthesis of N,P-doped carbon dots for fluorescent cell imaging. <i>Mikrochimica Acta</i> , 2016, 183, 821-826.	2.5	97
132	Fluorescent Block Copolymer Micelles That Can Self-Report on Their Assembly and Small Molecule Encapsulation. <i>Macromolecules</i> , 2016, 49, 653-662.	2.2	35
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136	SERS-fluorescence dual mode nanotags for cervical cancer detection using aptamers conjugated to gold-silver nanorods. <i>Mikrochimica Acta</i> , 2016, 183, 249-256.	2.5	51
137	Fluorescence research in Ukraine. <i>Methods and Applications in Fluorescence</i> , 2017, 5, 010201.	1.1	0
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140	Fluorescent Lead(IV) Sulfide Nanoparticles Synthesized by <i>Idiomarina</i> sp. Strain PR58-8 for Bioimaging Applications. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	33
141	Nitrogen-doped carbon quantum dot/graphene hybrid nanocomposite as an efficient catalyst support for the oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 2931-2942.	3.8	47
142	Luminescent Difluoroboron β -Diketonate PLA- β -PEG Nanoparticle. <i>Biomacromolecules</i> , 2017, 18, 551-561.	2.6	30
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144	Repeatable deep-tissue activation of persistent luminescent nanoparticles by soft X-ray for high sensitivity long-term in vivo bioimaging. <i>Nanoscale</i> , 2017, 9, 2718-2722.	2.8	74
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148	Building block magneto-luminescent nanomaterials of iron-oxide/ZnS@LaF ₃ :Ce ³⁺ ,Gd ³⁺ ,Tb ³⁺ with green emission. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2282-2290.	2.7	25
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