Shi-Ping Yang

List of Publications by Citations

207 papers	8,599 citations	44 h-index	85 g-index
218 ext. papers	9,841 ext. citations	6.9 avg, IF	6.19 L-index

#	Paper	IF	Citations
207	Hydrophilic Cu9S5 nanocrystals: a photothermal agent with a 25.7% heat conversion efficiency for photothermal ablation of cancer cells in vivo. *ACS Nano*, **2011**, 5, 9761-71	16.7	940
206	Hydrophilic flower-like CuS superstructures as an efficient 980 nm laser-driven photothermal agent for ablation of cancer cells. *Advanced Materials*, **2011**, 23, 3542-7	24	654
205	Sub-10 nm Fe3O4@Cu(2-x)S core-shell nanoparticles for dual-modal imaging and photothermal therapy. *Journal of the American Chemical Society*, **2013**, 135, 8571-7	16.4	510
204	Targeted dual-contrast T1- and T2-weighted magnetic resonance imaging of tumors using multifunctional gadolinium-labeled superparamagnetic iron oxide nanoparticles. *Biomaterials*, **2011**, 32, 4584-93	15.6	232
203	Iron/iron oxide core/shell nanoparticles for magnetic targeting MRI and near-infrared photothermal therapy. *Biomaterials*, **2014**, 35, 7470-8	15.6	222
202	Water-soluble superparamagnetic manganese ferrite nanoparticles for magnetic resonance imaging. *Biomaterials*, **2010**, 31, 3667-73	15.6	215
201	In situ growth of copper nanoparticles on multiwalled carbon nanotubes and their application as non-enzymatic glucose sensor materials. *Electrochimica Acta*, **2010**, 55, 3734-3740	6.7	190
200	Silica-Coated Manganese Oxide Nanoparticles as a Platform for Targeted Magnetic Resonance and Fluorescence Imaging of Cancer Cells. *Advanced Functional Materials*, **2010**, 20, 1733-1741	15.6	186
199	Solvothermal synthesis of cobalt ferrite nanoparticles loaded on multiwalled carbon nanotubes for magnetic resonance imaging and drug delivery. *Acta Biomaterialia*, **2011**, 7, 3496-504	10.8	174
198	Tungsten oxide nanorods: an efficient nanoplatform for tumor CT imaging and photothermal therapy. *Scientific Reports*, **2014**, 4, 3653	4.9	145
197	Prostate stem cell antigen antibody-conjugated multiwalled carbon nanotubes for targeted ultrasound imaging and drug delivery. *Biomaterials*, **2014**, 35, 5369-5380	15.6	140
196	Graphene oxide-BaGdF5 nanocomposites for multi-modal imaging and photothermal therapy. *Biomaterials*, **2015**, 42, 66-77	15.6	125
195	Multifunctional polypyrrole@Fe(3)O(4) nanoparticles for dual-modal imaging and in vivo photothermal cancer therapy. *Small*, **2014**, 10, 1063-8	11	119
194	Tumor cell specific and lysosome-targeted delivery of nitric oxide for enhanced photodynamic therapy triggered by 808 nm near-infrared light. *Chemical Communications*, **2016**, 52, 148-51	5.8	118
193	Hyaluronic acid conjugated graphene oxide for targeted drug delivery. *Carbon*, **2014**, 69, 379-389	10.4	116
192	An Optical/Photoacoustic Dual-Modality Probe: Ratiometric in/ex Vivo Imaging for Stimulated HS Upregulation in Mice. *Journal of the American Chemical Society*, **2019**, 141, 17973-17977	16.4	101
191	The behavior after intravenous injection in mice of multiwalled carbon nanotube / Fe3O4 hybrid MRI contrast agents. *Biomaterials*, **2011**, 32, 4867-76	15.6	94

190	The In Situ Sulfidation of Cu O by Endogenous H S for Colon Cancer Theranostics. *Angewandte Chemie - International Edition*, **2018**, 57, 15782-15786	16.4	87
189	Cu-catalyzed direct amidation of aromatic C-H bonds: an access to arylamines. *Journal of Organic Chemistry*, **2014**, 79, 4414-22	4.2	83
188	Fucoidan Extracted from : Source for Nutraceuticals/Functional Foods. *Marine Drugs*, **2018**, 16,	6	77
187	Ruthenium nitrosyl functionalized graphene quantum dots as an efficient nanoplatform for NIR-light-controlled and mitochondria-targeted delivery of nitric oxide combined with photothermal therapy. *Chemical Communications*, **2017**, 53, 3253-3256	5.8	75
186	Biocompatiable hollow silica microspheres as novel ultrasound contrast agents for in vivo imaging. *Journal of Materials Chemistry*, **2011**, 21, 6576		73
185	Ultrasmall WO@poly-l-glutamic Acid Nanoparticles as a Photoacoustic Imaging and Effective Photothermal-Enhanced Chemodynamic Therapy Agent for Cancer. *ACS Applied Materials & Interfaces*, **2018**, 10, 38833-38844	9.5	71
184	Paramagnetic hollow silica nanospheres for in vivo targeted ultrasound and magnetic resonance imaging. *Biomaterials*, **2014**, 35, 5381-5392	15.6	69
183	Hydrothermal synthesis of hydroxyapatite nanorods in the presence of anionic starburst dendrimer. *Materials Letters*, **2005**, 59, 1422-1425	3.3	68
182	Aptamer-conjugated Mn3O4@SiO2 core-shell nanoprobes for targeted magnetic resonance imaging. *Nanoscale*, **2013**, 5, 10447-54	7.7	66
181	Controllable synthesis of hydroxyapatite nanocrystals via a dendrimer-assisted hydrothermal process. *Materials Research Bulletin*, **2007**, 42, 1611-1618	5.1	66
180	Small Gold Nanorods: Recent Advances in Synthesis, Biological Imaging, and Cancer Therapy. *Materials*, **2017**, 10,	3.5	63
179	Single chemosensor for multiple analytes: chromogenic and fluorogenic detection for fluoride anions and copper ions. *Tetrahedron Letters*, **2012**, 53, 2026-2029	2	60
178	RGD-Conjugated Nanoscale Coordination Polymers for Targeted T1- and T2-weighted Magnetic Resonance Imaging of Tumors in Vivo. *Advanced Functional Materials*, **2014**, 24, 1738-1747	15.6	59
177	Functionalized Holmium-Doped Hollow Silica Nanospheres for Combined Sonodynamic and Hypoxia-Activated Therapy. *Advanced Functional Materials*, **2019**, 29, 1805764	15.6	55
176	Influence of the counter ions and ligands on structures of silver(I) helicates with di-Schiff bases containing imidazole groups. *Dalton Transactions RSC*, **2000**, 2337-2344		53
175	A mitochondria-targeting magnetothermogenic nanozyme for magnet-induced synergistic cancer therapy. *Biomaterials*, **2020**, 251, 120079	15.6	51
174	Tumor pH-Responsive Albumin/Polyaniline Assemblies for Amplified Photoacoustic Imaging and Augmented Photothermal Therapy. *Small*, **2019**, 15, e1902926	11	49
173	MR/SPECT Imaging Guided Photothermal Therapy of Tumor-Targeting Fe@Fe3O4 Nanoparticles in Vivo with Low Mononuclear Phagocyte Uptake. *ACS Applied Materials & Interfaces*, **2016**, 8, 19872-82	9.5	48

172	Facile synthesis of amino-functionalized hollow silica microspheres and their potential application for ultrasound imaging. *Journal of Colloid and Interface Science*, **2011**, 358, 392-8	9.3	48
171	Synthesis of Y2Si2O7:Eu nanocrystal and its optical properties. *Journal of Luminescence*, **2007**, 124, 241-248	3.3	48
170	Rapid detection of Listeria monocytogenes in food by biofunctionalized magnetic nanoparticle based on nuclear magnetic resonance. *Food Control*, **2017**, 71, 110-116	6.2	46
169	Prostate cancer targeted multifunctionalized graphene oxide for magnetic resonance imaging and drug delivery. *Carbon*, **2016**, 107, 87-99	10.4	46
168	Mn-Porphyrin-Based Metal-Organic Framework with High Longitudinal Relaxivity for Magnetic Resonance Imaging Guidance and Oxygen Self-Supplementing Photodynamic Therapy. *ACS Applied Materials & Interfaces*, **2019**, 11, 41946-41956	9.5	46
167	One-pot synthesis of amphiphilic superparamagnetic FePt nanoparticles and magnetic resonance imaging in vitro. *Journal of Magnetism and Magnetic Materials*, **2010**, 322, 973-977	2.8	46
166	Macrophages-Mediated Delivery of Small Gold Nanorods for Tumor Hypoxia Photoacoustic Imaging and Enhanced Photothermal Therapy. *ACS Applied Materials & Interfaces*, **2019**, 11, 15251-15261	9.5	45
165	Hydrophilic Cu3BiS3 Nanoparticles for Computed Tomography Imaging and Photothermal Therapy. *Particle and Particle Systems Characterization*, **2015**, 32, 668-679	3.1	45
164	Photo-controlled targeted intracellular delivery of both nitric oxide and singlet oxygen using a fluorescence-trackable ruthenium nitrosyl functional nanoplatform. *Chemical Communications*, **2015**, 51, 2555-8	5.8	45
163	FeO-ZIF-8 assemblies as pH and glutathione responsive T-T switching magnetic resonance imaging contrast agent for sensitive tumor imaging in vivo. *Chemical Communications*, **2019**, 55, 478-481	5.8	42
162	Functionalized CuBiS nanoparticles for dual-modal imaging and targeted photothermal/photodynamic therapy. *Nanoscale*, **2018**, 10, 4452-4462	7.7	42
161	Effect of anionic PAMAM with amido groups starburst dendrimers on the crystallization of Ca10(PO4)6(OH)2 by hydrothermal method. *Materials Chemistry and Physics*, **2006**, 99, 164-169	4.4	42
160	Core-Shell-Shell NaYbF4:Tm@CaF2@NaDyF4 Nanocomposites for Upconversion/T2-Weighted MRI/Computed Tomography Lymphatic Imaging. *ACS Applied Materials & Interfaces*, **2016**, 8, 19208-16	9.5	42
159	Hydrophilic graphene oxide/bismuth selenide nanocomposites for CT imaging, photoacoustic imaging, and photothermal therapy. *Journal of Materials Chemistry B*, **2017**, 5, 1846-1855	7.3	41
158	Ellagic acid-Fe@BSA nanoparticles for endogenous HS accelerated Fe(III)/Fe(II) conversion and photothermal synergistically enhanced chemodynamic therapy. *Theranostics*, **2020**, 10, 4101-4115	12.1	41
157	Graphene oxide/manganese ferrite nanohybrids for magnetic resonance imaging, photothermal therapy and drug delivery. *Journal of Biomaterials Applications*, **2016**, 30, 810-22	2.9	39
156	Photoacoustic-Enabled Self-Guidance in Magnetic-Hyperthermia Fe@Fe O Nanoparticles for Theranostics In Vivo. *Advanced Healthcare Materials*, **2018**, 7, e1701201	10.1	39
155	A multifunctional nanoplatform for lysosome targeted delivery of nitric oxide and photothermal therapy under 808 nm near-infrared light. *Journal of Materials Chemistry B*, **2016**, 4, 4667-4674	7.3	39

154	Synthesis and luminescent properties of SrZnO2:Eu3+,M+ (M = Li, Na, K) phosphor. *Materials Research Bulletin*, **2006**, 41, 1578-1583	5.1	39
153	Two in One: Luminescence Imaging and 730 nm Continuous Wave Laser Driven Photodynamic Therapy of Iridium Complexes. *Organometallics*, **2015**, 34, 73-77	3.8	38
152	A hollow Cu9S8 theranostic nanoplatform based on a combination of increased active sites and photothermal performance in enhanced chemodynamic therapy. *Chemical Engineering Journal*, **2020**, 385, 123925	14.7	38
151	Recent advances in enhanced chemodynamic therapy strategies. *Nano Today*, **2021**, 39, 101162	17.9	38
150	Recent Advances on Magnetic Relaxation Switching Assay-Based Nanosensors. *Bioconjugate Chemistry*, **2017**, 28, 869-879	6.3	37
149	Tumor microenvironment-activated NIR-II reagents for tumor imaging and therapy. *Journal of Materials Chemistry B*, **2020**, 8, 4738-4747	7.3	37
148	BSA-assisted synthesis of ultrasmall gallic acid-Fe(III) coordination polymer nanoparticles for cancer theranostics. *International Journal of Nanomedicine*, **2017**, 12, 7207-7223	7.3	37
147	Polymeric and tetranuclear silver(I) chains encapsulated by a scorpion-like ligand. Synthesis and structures of [Ag2(tren(mim)3)]n(NO3)2n□hH2O and [Ag4(tren(mim)3)2](CF3SO3)4□2H2O (tren(mim)3=tris{2-[2-(1-methyl)imidazolyl]methyliminoethyl}amine). *Polyhedron*, **2000**, 19, 2237-2242	2.7	36
146	(-)-Menthol based thixotropic hydrogel and its application as a universal antibacterial carrier. *Soft Matter*, **2014**, 10, 3077-85	3.6	35
145	Monodisperse water-soluble Fe□Ni nanoparticles for magnetic resonance imaging. *Journal of Alloys and Compounds*, **2011**, 509, 1217-1221	5.7	35
144	Paclitaxel-Induced Ultrasmall Gallic Acid-Fe@BSA Self-Assembly with Enhanced MRI Performance and Tumor Accumulation for Cancer Theranostics. *ACS Applied Materials & Interfaces*, **2018**, 10, 28483-28493	9.5	34
143	Recent advances in the rational design of copper chalcogenide to enhance the photothermal conversion efficiency for the photothermal ablation of cancer cells. *RSC Advances*, **2017**, 7, 37887-37897	3.7	34
142	Dual-channel fluorescence □turn on□probe for Cu2+. *Sensors and Actuators B: Chemical*, **2012**, 173, 811-816	8.5	34
141	Preparation and luminescence properties of LED conversion novel phosphors SrZnO2:Sm. *Materials Letters*, **2008**, 62, 907-910	3.3	34
140	A Ruthenium Nitrosyl-Functionalized Magnetic Nanoplatform with Near-Infrared Light-Controlled Nitric Oxide Delivery and Photothermal Effect for Enhanced Antitumor and Antibacterial Therapy. *ACS Applied Materials & Interfaces*, **2020**, 12, 312-321	9.5	34
139	Photostable Iridium(III)-Cyanine Complex Nanoparticles for Photoacoustic Imaging Guided Near-Infrared Photodynamic Therapy in Vivo. *ACS Applied Materials & Interfaces*, **2019**, 11, 15417-15425	9.5	33
138	A smart theranostic platform for photoacoustic and magnetic resonance dual-imaging-guided photothermal-enhanced chemodynamic therapy. *Nanoscale*, **2020**, 12, 5139-5150	7.7	33
137	A d-f heteronuclear complex for dual-mode phosphorescence and magnetic resonance imaging. *Biomaterials*, **2012**, 33, 8591-9	15.6	32

136	Three transition metal complexes formed with tripodal polyimidazole ligands: synthesis, crystal structures and reactivity toward superoxide. *Polyhedron*, **2001**, 20, 223-229	2.7	32
135	pH-responsive magnetic mesoporous silica nanospheres for magnetic resonance imaging and drug delivery. *Reactive and Functional Polymers*, **2012**, 72, 329-336	4.6	31
134	Enhanced decoloration efficacy of electrospun polymer nanofibers immobilized with Fe/Ni bimetallic nanoparticles. *RSC Advances*, **2013**, 3, 6455	3.7	31
133	A magnetic resonance imaging nanosensor for Hg (II) based on thymidine-functionalized supermagnetic iron oxide nanoparticles. *Sensors and Actuators B: Chemical*, **2012**, 161, 429-433	8.5	30
132	A ruthenium-nitrosyl-functionalized nanoplatform for the targeting of liver cancer cells and NIR-light-controlled delivery of nitric oxide combined with photothermal therapy. *Journal of Materials Chemistry B*, **2017**, 5, 7831-7838	7.3	30
131	Morphology-controlled hydrothermal synthesis of MnCO3 hierarchical superstructures with Schiff base as stabilizer. *Materials Research Bulletin*, **2011**, 46, 1908-1915	5.1	30
130	Graphene oxide / BaHoF5 / PEG nanocomposite for dual-modal imaging and heat shock protein inhibitor-sensitized tumor photothermal therapy. *Carbon*, **2020**, 158, 372-385	10.4	30
129	Surface Plasmon Resonance-Enhanced Photoacoustic Imaging and Photothermal Therapy of Endogenous H S-Triggered Au@Cu O. *Small*, **2019**, 15, e1903473	11	29
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127	A selective phosphorescent chemodosimeter for mercury ion. *Inorganica Chimica Acta*, **2010**, 363, 1755-1759	2.7	29
126	Synthesis of d-f coordination polymer nanoparticles and their application in phosphorescence and magnetic resonance imaging. *Dalton Transactions*, **2011**, 40, 11941-4	4.3	28
125	Rapid detection of Cronobacter sakazakii in dairy food by biofunctionalized magnetic nanoparticle based on nuclear magnetic resonance. *Food Control*, **2013**, 34, 436-443	6.2	27
124	Ruthenium nitrosyl grafted carbon dots as a fluorescence-trackable nanoplatform for visible light-controlled nitric oxide release and targeted intracellular delivery. *Journal of Inorganic Biochemistry*, **2016**, 165, 152-158	4.2	26
123	Coating multi-walled carbon nanotubes with rare-earth complexes by an in situ synthetic method. *Nanotechnology*, **2008**, 19, 345701	3.4	26
122	Targeted delivery of photoactive diazido PtIV complexes conjugated with fluorescent carbon dots. *New Journal of Chemistry*, **2015**, 39, 800-804	3.6	25
121	Self-Assembly of Giant Mo Hollow Opening Dodecahedra. *Journal of the American Chemical Society*, **2020**, 142, 13982-13988	16.4	25
120	Smart nanomedicine agents for cancer, triggered by pH, glutathione, HO, or HS. *International Journal of Nanomedicine*, **2019**, 14, 5729-5749	7.3	24
119	CoFe2O4@MnFe2O4/polypyrrole nanocomposites for in vitro photothermal/magnetothermal combined therapy. *RSC Advances*, **2015**, 5, 7349-7355	3.7	24

118	Synthesis of water soluble PEG-functionalized iridium complex via click chemistry and application for cellular bioimaging. *Inorganic Chemistry Communication*, **2010**, 13, 1387-1390	3.1	24
117	Highly enhanced f□transitions of Eu3+ in La2O3 phosphor via citric acid and poly (ethylene glycol) precursor route. *Journal of Non-Crystalline Solids*, **2007**, 353, 4697-4701	3.9	24
116	pH and Glutathione Synergistically Triggered Release and Self-Assembly of Au Nanospheres for Tumor Theranostics. *ACS Applied Materials & Interfaces*, **2020**, 12, 8050-8061	9.5	23
115	Copper-Catalyzed Cyanomethylation of Substituted Tetrahydroisoquinolines with Acetonitrile. *Advanced Synthesis and Catalysis*, **2016**, 358, 2392-2397	5.6	23
114	A phosphorescent chemosensor for Cu2+ based on cationic iridium(III) complexes. *Inorganic Chemistry Communication*, **2012**, 16, 1-3	3.1	23
113	The effect of an anionic starburst dendrimer on the crystallization of BaWO4 under hydrothermal reaction conditions. *Journal of Crystal Growth*, **2004**, 267, 569-573	1.6	22
112	Preparation and Imaging Investigation of Dual-targeted CF-filled PLGA Nanobubbles as a Novel Ultrasound Contrast Agent for Breast Cancer. *Scientific Reports*, **2018**, 8, 3887	4.9	21
111	Detection of melamine by a magnetic relaxation switch assay with functionalized Fe/Fe3O4 nanoparticles. *Sensors and Actuators B: Chemical*, **2014**, 203, 477-482	8.5	21
110	Graphene oxide / MnWO4 nanocomposite for magnetic resonance / photoacoustic dual-model imaging and tumor photothermo-chemotherapy. *Carbon*, **2018**, 138, 397-409	10.4	20
109	Dextran-coated superparamagnetic amorphous Fe□o nanoalloy for magnetic resonance imaging applications. *Materials Research Bulletin*, **2014**, 49, 285-290	5.1	20
108	PEGylated nickel carbide nanocrystals as efficient near-infrared laser induced photothermal therapy for treatment of cancer cells in vivo. *Nanoscale*, **2014**, 6, 12591-600	7.7	20
107	A polyamidoamine dendrimer with peripheral 1,8-naphthalimide groups capable of acting as a PET fluorescent sensor for the rare earth cations. *Journal of Photochemistry and Photobiology A: Chemistry*, **2006**, 180, 69-74	4.7	20
106	Highly Enantioselective Rhodium-Catalyzed Cross-Addition of Silylacetylenes to Cyclohexadienone-Tethered Internal Alkynes. *Organic Letters*, **2019**, 21, 1690-1693	6.2	20
105	In depth analysis of apoptosis induced by silica coated manganese oxide nanoparticles in vitro. *Journal of Hazardous Materials*, **2015**, 283, 519-28	12.8	19
104	Solvothermal synthesis and optical limiting properties of carbon nanotube-based hybrids containing ternary chalcogenides. *Carbon*, **2012**, 50, 4847-4855	10.4	19
103	Preparation and characterization of copper metal nanoparticles using dendrimers as protectively colloids. *Materials Chemistry and Physics*, **2008**, 112, 977-983	4.4	19
102	Water-Soluble Polymer Nanoparticles Constructed by Three-Component Self-Assembly: An Efficient Theranostic Agent for Phosphorescent Imaging and Photodynamic Therapy. *Chemistry - A European Journal*, **2017**, 23, 3728-3734	4.8	18
101	PEGylated WS2 nanosheets for X-ray computed tomography imaging and photothermal therapy. *Chinese Chemical Letters*, **2015**, 26, 749-754	8.1	18

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99	Folate conjugated Mn3O4@SiO2 nanoparticles for targeted magnetic resonance imaging in vivo. *Materials Research Bulletin*, **2014**, 57, 97-102	5.1	18
98	A bifunctional sensor based on Au-Fe3O4 nanoparticle for the detection of Cd2+. *Sensors and Actuators B: Chemical*, **2015**, 220, 622-626	8.5	18
97	Preparation and magnetic properties of cobalt nanoparticles with dendrimers as templates. *Materials Chemistry and Physics*, **2010**, 121, 342-348	4.4	18
96	Heteropoly blue doped polymer nanoparticles: an efficient theranostic agent for targeted photoacoustic imaging and near-infrared photothermal therapy in vivo. *Journal of Materials Chemistry B*, **2017**, 5, 382-387	7.3	17
95	Targeted and NIR light-controlled delivery of nitric oxide combined with a platinum(iv) prodrug for enhanced anticancer therapy. *Journal of Materials Chemistry B*, **2019**, 7, 1867-1874	7.3	17
94	Chiral porous metal-organic frameworks containing □xo-bis[Ti(salan)] units for asymmetric cyanation of aldehydes. *Dalton Transactions*, **2015**, 44, 12999-3002	4.3	17
93	Iridium complex loaded polypyrrole nanoparticles for NIR laser induced photothermal effect and generation of singlet oxygen. *RSC Advances*, **2016**, 6, 15509-15512	3.7	17
92	An integrated nanoplatform for theranostics via multifunctional core-shell ferrite nanocubes. *Journal of Materials Chemistry B*, **2016**, 4, 1908-1914	7.3	17
91	Functionalized Au-Fe3O4 nanocomposites as a magnetic and colorimetric bimodal sensor for melamine. *Sensors and Actuators B: Chemical*, **2016**, 226, 512-517	8.5	17
90	Regenerable antimicrobial N-halamine/silica hybrid nanoparticles. *Journal of Nanoparticle Research*, **2014**, 16, 1	2.3	17
89	Syntheses, crystal structures and magnetic properties of three novel cobalt(II) complexes containing imidazole derivative groups. *Dalton Transactions*, **2009**, 2540-51	4.3	17
88	Synthesis, crystal structures and properties of copper(II) complexes of Schiff base derivatives containing imidazole and □alanine groups. *Journal of the Chemical Society Dalton Transactions*, **1999**, 1999-2004		17
87	Synthesis and applications of fluorescent-magnetic-bifunctional dansylated Fe3O4@SiO2 nanoparticles. *Journal of Materials Science*, **2011**, 46, 5959-5968	4.3	16
86	Water-soluble magnetic CoO nanocrystals functionalized with surfactants as T2-weighed MRI contrast agents in vitro. *Dalton Transactions*, **2011**, 40, 3616-21	4.3	16
85	A facile synthesis and photoluminescence of porous S-doped ZnO architectures. *Journal of Alloys and Compounds*, **2008**, 459, 395-398	5.7	16
84	The fluorescence of polyamidoamine dendrimers peripherally modified with 1,8-naphthalimide groups: Effect of the rare earth ions and protons. *Journal of Luminescence*, **2007**, 126, 515-530	3.8	16
83	□Weight Magnetic Resonance Imaging Performances of Iron Oxide Nanoparticles Modified with a Natural Protein Macromolecule and an Artificial Macromolecule. *Nanomaterials*, **2019**, 9,	5.4	15

82	Synthesis, characterization and in vitro and in vivo investigation of CE-filled poly(lactic-co-glycolic acid) nanoparticles as an ultrasound contrast agent. *Molecular Medicine Reports*, **2015**, 11, 1885-90	2.9	15
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79	Visualization of size-dependent tumour retention of PEGylated nanographene oxide via SPECT imaging. *Journal of Materials Chemistry B*, **2016**, 4, 6446-6453	7.3	15
78	Functionalized g-CN nanosheets for potential use in magnetic resonance imaging-guided sonodynamic and nitric oxide combination therapy. *Acta Biomaterialia*, **2021**, 121, 592-604	10.8	15
77	A smart off-on copper sulfide photoacoustic imaging agent based on amorphous-crystalline transition for cancer imaging. *Chemical Communications*, **2018**, 54, 10962-10965	5.8	15
76	Magnetic-Photoacoustic Dual-Mode Probe for the Visualization of HS in Colorectal Cancer. *Analytical Chemistry*, **2020**, 92, 8254-8261	7.8	14
75	Gadolinium-labelled iron/iron oxide core/shell nanoparticles as - contrast agent for magnetic resonance imaging.. *RSC Advances*, **2018**, 8, 26764-26770	3.7	14
74	Surfactant-controlled morphology and magnetic property of manganese ferrite nanocrystal contrast agent. *Nanotechnology*, **2011**, 22, 085707	3.4	14
73	Large-scale synthesis of monodisperse Prussian blue nanoparticles for cancer theranostics via an "in situ modification" strategy. *International Journal of Nanomedicine*, **2019**, 14, 271-288	7.3	14
72	Phosphorescent Coordination Polymer Nanoparticles as a Three-in-One Platform for Optical Imaging, T1-Weighted Magnetic Resonance Imaging, and Photodynamic Therapy. *Journal of Physical Chemistry C*, **2015**, 119, 573-579	3.8	13
71	A peptide probe for the detection of neurokinin-1 receptor by disaggregation enhanced fluorescence and magnetic resonance signals. *Scientific Reports*, **2014**, 4, 6487	4.9	13
70	Ultrasound-Enhanced Generation of Reactive Oxygen Species for MRI-Guided Tumor Therapy by the Fe@FeO-Based Peroxidase-Mimicking Nanozyme.. *ACS Applied Bio Materials*, **2020**, 3, 639-647	4.1	13
69	Ultrasensitive iron-based magnetic resonance contrast agent constructed with natural polyphenol tannic acid for tumor theranostics. *Science China Materials*, **2021**, 64, 498-509	7.1	13
68	A highly selective magnetic sensor for Cd2+ in living cells with (Zn, Mn)-doped iron oxide nanoparticles. *Sensors and Actuators B: Chemical*, **2015**, 207, 887-892	8.5	12
67	Phosphorescent polymeric nanoparticles by coordination cross-linking as a platform for luminescence imaging and photodynamic therapy. *Chemistry - A European Journal*, **2014**, 20, 16242-7	4.8	12
66	Immobilization of trypsin on water-soluble dendrimer-modified carbon nanotubes for on-plate proteolysis combined with MALDI-MS analysis. *Molecular BioSystems*, **2010**, 6, 1447-9		12
65	Metal sulfide coated multiwalled carbon nanotubes synthesized by an in situ method and their optical limiting properties. *Nanotechnology*, **2009**, 20, 195604	3.4	12

64	Ultrasmall Fe@FeO nanoparticles as T-T dual-mode MRI contrast agents for targeted tumor imaging. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2021**, 32, 102335	6	12
63	Preparation of amino-functionalized magnetite nanoclusters by ring-opening polymerization and application for targeted magnetic resonance imaging. *Journal of Materials Science*, **2013**, 48, 7686-7695	4.3	11
62	Preparation and characterization of silver nanoparticles with dendrimers as templates. *Journal of Applied Polymer Science*, **2008**, 108, 4023-4028	2.9	11
61	Remodeling endogenous H2S microenvironment in colon cancer to enhance chemodynamic therapy. *Chemical Engineering Journal*, **2021**, 422, 130098	14.7	11
60	Macromolecules with Different Charges, Lengths, and Coordination Groups for the Coprecipitation Synthesis of Magnetic Iron Oxide Nanoparticles as MRI Contrast Agents. *Nanomaterials*, **2019**, 9,	5.4	10
59	Gd(iii) complex conjugated ultra-small iron oxide as an enhanced T-weighted MR imaging contrast agent. *Journal of Materials Chemistry B*, **2015**, 3, 1433-1438	7.3	10
58	General protocol for the synthesis of functionalized magnetic nanoparticles for magnetic resonance imaging from protected metal-organic precursors. *Chemistry - A European Journal*, **2014**, 20, 7160-7	4.8	10
57	Crystallographic report: Tris{2-[2-(1-methyl)imidazolyl]methyliminoethyl}aminezinc(II) dihexafluorophosphate. *Applied Organometallic Chemistry*, **2004**, 18, 88-88	3.1	10
56	Chelator-Free Conjugation of Tc and Gd to PEGylated Nanographene Oxide for Dual-Modality SPECT/MR Imaging of Lymph Nodes. *ACS Applied Materials & Interfaces*, **2017**, 9, 42612-42621	9.5	9
55	Hollow Bimetallic Complex Nanoparticles for Trimodality Imaging and Photodynamic Therapy In Vivo. *ACS Applied Materials & Interfaces*, **2020**, 12, 37470-37476	9.5	9
54	Nanozyme-Augmented Tumor Catalytic Therapy by Self-Supplied HO Generation.. *ACS Applied Bio Materials*, **2020**, 3, 1769-1778	4.1	8
53	Preparation of pH-responsive hollow poly(MAA-co-EGDMA) nanocapsules for drug delivery and ultrasound imaging. *RSC Advances*, **2016**, 6, 103754-103762	3.7	8
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51	Syntheses, Structure and Photoluminescence Properties of Silver(I) Complexes with Naphthalene Iminoimides. *European Journal of Inorganic Chemistry*, **2009**, 2009, 2817-2824	2.3	8
50	Synthesis and optical properties of halogen-doped ZnO phosphor. *Materials Letters*, **2008**, 62, 3018-3020	3.3	8
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9	Grafting of Gd-DTPA onto MOF-808 to enhance MRI performance for guiding photothermal therapy. *Journal of Materials Chemistry B*, **2021**, 9, 8631-8638	7.3	1
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