

Yunlu Dai

List of Publications by Year in descending order

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161
papers

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citations

10986

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all docs

162
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162
times ranked

14153
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle design strategies for enhanced anticancer therapy by exploiting the tumour microenvironment. <i>Chemical Society Reviews</i> , 2017, 46, 3830-3852.	38.1	719
2	Synthesis of Magnetic, Up-Conversion Luminescent, and Mesoporous Core-Shell Structured Nanocomposites as Drug Carriers. <i>Advanced Functional Materials</i> , 2010, 20, 1166-1172.	14.9	534
3	In Vivo Multimodality Imaging and Cancer Therapy by Near-Infrared Light-Triggered <i>trans</i> -Platinum Pro-Drug-Conjugated Upconversion Nanoparticles. <i>Journal of the American Chemical Society</i> , 2013, 135, 18920-18929.	13.7	508
4	Modular assembly of superstructures from polyphenol-functionalized building blocks. <i>Nature Nanotechnology</i> , 2016, 11, 1105-1111.	31.5	337
5	A Yolk-like Multifunctional Platform for Multimodal Imaging and Synergistic Therapy Triggered by a Single Near-Infrared Light. <i>ACS Nano</i> , 2015, 9, 1630-1647.	14.6	319
6	Toxic Reactive Oxygen Species Enhanced Synergistic Combination Therapy by Self-Assembled Metal-Phenolic Network Nanoparticles. <i>Advanced Materials</i> , 2018, 30, 1704877.	21.0	311
7	Up-Conversion Cell Imaging and pH-Induced Thermally Controlled Drug Release from NaYF ₄ :Yb ³⁺ /Er ³⁺ @Hydrogel Core-Shell Hybrid Microspheres. <i>ACS Nano</i> , 2012, 6, 3327-3338.	14.6	308
8	Recent advances in nanomaterial-based synergistic combination cancer immunotherapy. <i>Chemical Society Reviews</i> , 2019, 48, 3771-3810.	38.1	292
9	Polyphenol-Containing Nanoparticles: Synthesis, Properties, and Therapeutic Delivery. <i>Advanced Materials</i> , 2021, 33, e2007356.	21.0	216
10	Multifunctional Up-Conversion Nanocomposites with Smart Polymer Brushes Gated Mesopores for Cell Imaging and Thermo/pH Dual-Responsive Drug Controlled Release. <i>Advanced Functional Materials</i> , 2013, 23, 4067-4078.	14.9	209
11	Hollow structured upconversion luminescent NaYF ₄ :Yb ³⁺ , Er ³⁺ nanospheres for cell imaging and targeted anti-cancer drug delivery. <i>Biomaterials</i> , 2013, 34, 1601-1612.	11.4	195
12	Integration of Upconversion Nanoparticles and Ultrathin Black Phosphorus for Efficient Photodynamic Theranostics under 808 nm Near-Infrared Light Irradiation. <i>Chemistry of Materials</i> , 2016, 28, 4724-4734.	6.7	193
13	An imaging-guided platform for synergistic photodynamic/photothermal/chemo-therapy with pH/temperature-responsive drug release. <i>Biomaterials</i> , 2015, 63, 115-127.	11.4	191
14	A New Single 808 nm NIR Light-Induced Imaging-Guided Multifunctional Cancer Therapy Platform. <i>Advanced Functional Materials</i> , 2015, 25, 3966-3976.	14.9	178
15	Organic Semiconducting Photoacoustic Nanodroplets for Laser-Activatable Ultrasound Imaging and Combinational Cancer Therapy. <i>ACS Nano</i> , 2018, 12, 2610-2622.	14.6	174
16	Multifunctional Upconversion Mesoporous Silica Nanostructures for Dual Modal Imaging and In Vivo Drug Delivery. <i>Small</i> , 2013, 9, 4150-4159.	10.0	169
17	Activatable Semiconducting Theranostics: Simultaneous Generation and Ratiometric Photoacoustic Imaging of Reactive Oxygen Species In Vivo. <i>Advanced Materials</i> , 2018, 30, e1707509.	21.0	165
18	<i>In Situ</i> Dendritic Cell Vaccine for Effective Cancer Immunotherapy. <i>ACS Nano</i> , 2019, 13, 3083-3094.	14.6	164

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19	g-C ₃ N ₄ Coated Upconversion Nanoparticles for 808 nm Near-Infrared Light Triggered Phototherapy and Multiple Imaging. <i>Chemistry of Materials</i> , 2016, 28, 7935-7946.	6.7	163
20	Ultra-small BaGdF ₅ -based upconversion nanoparticles as drug carriers and multimodal imaging probes. <i>Biomaterials</i> , 2014, 35, 2011-2023.	11.4	158
21	A Catalase-Like Metal-Organic Framework Nanohybrid for O ₂ -Evolving Synergistic Chemoradiotherapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8752-8756.	13.8	154
22	Design and Synthesis of Multifunctional Drug Carriers Based on Luminescent Rattle-Type Mesoporous Silica Microspheres with a Thermosensitive Hydrogel as a Controlled Switch. <i>Advanced Functional Materials</i> , 2012, 22, 1470-1481.	14.9	148
23	Up-Conversion Luminescent and Porous NaYF ₄ :Yb ³⁺ , Er ³⁺ @SiO ₂ Nanocomposite Fibers for Anti-Cancer Drug Delivery and Cell Imaging. <i>Advanced Functional Materials</i> , 2012, 22, 2713-2722.	14.9	145
24	Phototheranostic Metal-Phenolic Networks with Antiexosomal PD-L1 Enhanced Ferroptosis for Synergistic Immunotherapy. <i>Journal of the American Chemical Society</i> , 2022, 144, 787-797.	13.7	142
25	Near-Infrared Semiconducting Polymer Brush and pH/GSH-Responsive Polyoxometalate Cluster Hybrid Platform for Enhanced Tumor-Specific Phototheranostics. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14101-14105.	13.8	138
26	Hypochlorous Acid Promoted Platinum Drug Chemotherapy by Myeloperoxidase-Encapsulated Therapeutic Metal Phenolic Nanoparticles. <i>ACS Nano</i> , 2018, 12, 455-463.	14.6	134
27	Rational Design of Branched Nanoporous Gold Nanoshells with Enhanced Physico-Optical Properties for Optical Imaging and Cancer Therapy. <i>ACS Nano</i> , 2017, 11, 6102-6113.	14.6	133
28	Rational Design of Multifunctional Upconversion Nanocrystals/Polymer Nanocomposites for Cisplatin (IV) Delivery and Biomedical Imaging. <i>Advanced Materials</i> , 2013, 25, 4898-4905.	21.0	127
29	Inorganic nanocarriers for platinum drug delivery. <i>Materials Today</i> , 2015, 18, 554-564.	14.2	122
30	Gelatin-encapsulated iron oxide nanoparticles for platinum (IV) prodrug delivery, enzyme-stimulated release and MRI. <i>Biomaterials</i> , 2014, 35, 6359-6368.	11.4	111
31	A facile fabrication of upconversion luminescent and mesoporous core-shell structured $\text{I}^2\text{-NaYF}_4\text{:Yb}^{3+}, \text{Er}^{3+}@m\text{SiO}_2$ nanocomposite spheres for anti-cancer drug delivery and cell imaging. <i>Biomaterials Science</i> , 2013, 1, 213-223.	5.4	109
32	Renal-Clearable Nickel-Doped Carbon Dots with Boosted Photothermal Conversion Efficiency for Multimodal Imaging-Guided Cancer Therapy in the Second Near-Infrared Biowindow. <i>Advanced Functional Materials</i> , 2021, 31, 2100549.	14.9	107
33	Engineering Radiosensitizer-Based Metal-Phenolic Networks Potentiate STING Pathway Activation for Advanced Radiotherapy. <i>Advanced Materials</i> , 2022, 34, e2105783.	21.0	107
34	Glutathione and H ₂ O ₂ consumption promoted photodynamic and chemotherapy based on biodegradable MnO ₂ @Pt@Au ₂₅ nanosheets. <i>Chemical Engineering Journal</i> , 2019, 356, 543-553.	12.7	105
35	Hybrid Nanomedicine Fabricated from Photosensitizer-Terminated Metal-Organic Framework Nanoparticles for Photodynamic Therapy and Hypoxia-Activated Cascade Chemotherapy. <i>Small</i> , 2019, 15, e1804131.	10.0	105
36	Doxorubicin conjugated NaYF ₄ :Yb ³⁺ /Tm ³⁺ nanoparticles for therapy and sensing of drug delivery by luminescence resonance energy transfer. <i>Biomaterials</i> , 2012, 33, 8704-8713.	11.4	103

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37	Controllable Generation of Free Radicals from Multifunctional Heat-Responsive Nanoplatform for Targeted Cancer Therapy. <i>Chemistry of Materials</i> , 2018, 30, 526-539.	6.7	103
38	A Rationally Designed Semiconducting Polymer Brush for NIR-Imaging-Guided Light-Triggered Remote Control of CRISPR/Cas9 Genome Editing. <i>Advanced Materials</i> , 2019, 31, e1901187.	21.0	103
39	Au ₂₅ cluster functionalized metal-organic nanostructures for magnetically targeted photodynamic/photothermal therapy triggered by single wavelength 808 nm near-infrared light. <i>Nanoscale</i> , 2015, 7, 19568-19578.	5.6	99
40	Glutathione Mediated Size-Tunable UCNP ₅ Pt(IV) ₂ ZnFe ₂ O ₄ Nanocomposite for Multiple Bioimaging Guided Synergetic Therapy. <i>Small</i> , 2018, 14, e1703809.	10.0	99
41	Uniformly Dispersed ZnFe ₂ O ₄ Nanoparticles on Nitrogen-Modified Graphene for High-Performance Supercapacitor as Electrode. <i>Scientific Reports</i> , 2017, 7, 43116.	3.3	98
42	Metal-organic frameworks for multimodal bioimaging and synergistic cancer chemotherapy. <i>Coordination Chemistry Reviews</i> , 2019, 399, 213022.	18.8	98
43	Stimuli-Responsive Nanotheranostics for Real-Time Monitoring Drug Release by Photoacoustic Imaging. <i>Theranostics</i> , 2019, 9, 526-536.	10.0	98
44	Urchin-like GdPO ₄ and GdPO ₄ :Eu ³⁺ hollow spheres - hydrothermal synthesis, luminescence and drug-delivery properties. <i>Journal of Materials Chemistry</i> , 2011, 21, 3686.	6.7	97
45	Dotted Core-Shell Nanoparticles for T ₁ -Weighted MRI of Tumors. <i>Advanced Materials</i> , 2018, 30, e1803163.	21.0	96
46	Cooperation of endogenous and exogenous reactive oxygen species induced by zinc peroxide nanoparticles to enhance oxidative stress-based cancer therapy. <i>Theranostics</i> , 2019, 9, 7200-7209.	10.0	96
47	Polyphenol-Based Nanomedicine Evokes Immune Activation for Combination Cancer Treatment. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1967-1975.	13.8	96
48	A nanounit strategy reverses immune suppression of exosomal PD-L1 and is associated with enhanced ferroptosis. <i>Nature Communications</i> , 2021, 12, 5733.	12.8	95
49	Poly(acrylic acid) modified lanthanide-doped GdVO ₄ hollow spheres for up-conversion cell imaging, MRI and pH-dependent drug release. <i>Nanoscale</i> , 2013, 5, 253-261.	5.6	94
50	Burst release of encapsulated annexin A5 in tumours boosts cytotoxic T-cell responses by blocking the phagocytosis of apoptotic cells. <i>Nature Biomedical Engineering</i> , 2020, 4, 1102-1116.	22.5	93
51	Yolk-Structured Upconversion Nanoparticles with Biodegradable Silica Shell for FRET Sensing of Drug Release and Imaging-Guided Chemotherapy. <i>Chemistry of Materials</i> , 2017, 29, 7615-7628.	6.7	92
52	Oxygen-Enriched Metal-Phenolic X-Ray Nanoprocessor for Cancer Radio-Radiodynamic Therapy in Combination with Checkpoint Blockade Immunotherapy. <i>Advanced Science</i> , 2021, 8, 2003338.	11.2	91
53	Metal-Phenolic Network-Enabled Lactic Acid Consumption Reverses Immunosuppressive Tumor Microenvironment for Sonodynamic Therapy. <i>ACS Nano</i> , 2021, 15, 16934-16945.	14.6	90
54	Engineered Metal-Phenolic Capsules Show Tunable Targeted Delivery to Cancer Cells. <i>Biomacromolecules</i> , 2016, 17, 2268-2276.	5.4	89

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55	Engineering a Hydrogenâ€Sulfideâ€Based Nanomodulator to Normalize Hyperactive Photothermal Immunogenicity for Combination Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2008481.	21.0	87
56	Acidity/Reducibility Dual-Responsive Hollow Mesoporous Organosilica Nanoplatforams for Tumor-Specific Self-Assembly and Synergistic Therapy. <i>ACS Nano</i> , 2018, 12, 12269-12283.	14.6	86
57	Phenolic immunogenic cell death nanoinducer for sensitizing tumor to PD-1 checkpoint blockade immunotherapy. <i>Biomaterials</i> , 2021, 269, 120638.	11.4	86
58	Manganese-phenolic nanoadjuvant combines sonodynamic therapy with cGAS-STING activation for enhanced cancer immunotherapy. <i>Nano Today</i> , 2022, 43, 101405.	11.9	86
59	Uniform Ni/SiO ₂ @Au magnetic hollow microspheres: rational design and excellent catalytic performance in 4-nitrophenol reduction. <i>Nanoscale</i> , 2014, 6, 7025-7032.	5.6	84
60	Engineered nano-immunopotentiators efficiently promote cancer immunotherapy for inhibiting and preventing lung metastasis of melanoma. <i>Biomaterials</i> , 2019, 223, 119464.	11.4	83
61	Self-assembled zinc phthalocyanine nanoparticles as excellent photothermal/photodynamic synergistic agent for antitumor treatment. <i>Chemical Engineering Journal</i> , 2019, 361, 117-128.	12.7	83
62	In situ polymerization on nanoscale metal-organic frameworks for enhanced physiological stability and stimulus-responsive intracellular drug delivery. <i>Biomaterials</i> , 2019, 218, 119365.	11.4	80
63	Patterning of YVO ₄ :Eu ³⁺ Luminescent Films by Soft Lithography. <i>Advanced Functional Materials</i> , 2011, 21, 456-463.	14.9	79
64	pH-responsive drug delivery system based on luminescent CaF ₂ :Ce ³⁺ /Tb ³⁺ -poly(acrylic acid) hybrid microspheres. <i>Biomaterials</i> , 2012, 33, 2583-2592.	11.4	79
65	Self-Assembly of Semiconducting-Plasmonic Gold Nanoparticles with Enhanced Optical Property for Photoacoustic Imaging and Photothermal Therapy. <i>Theranostics</i> , 2017, 7, 2177-2185.	10.0	79
66	Fabrication of Hollow and Porous Structured GdVO ₄ :Dy ³⁺ Nanospheres as Anticancer Drug Carrier and MRI Contrast Agent. <i>Langmuir</i> , 2013, 29, 1286-1294.	3.5	78
67	Charge convertibility and near infrared photon co-enhanced cisplatin chemotherapy based on upconversion nanoplatforam. <i>Biomaterials</i> , 2017, 130, 42-55.	11.4	77
68	Improving Targeting of Metalâ€Phenolic Capsules by the Presence of Protein Coronas. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22914-22922.	8.0	76
69	Combination of CuS and g-C ₃ N ₄ QDs on upconversion nanoparticles for targeted photothermal and photodynamic cancer therapy. <i>Chemical Engineering Journal</i> , 2019, 360, 866-878.	12.7	76
70	Electrospun Upconversion Composite Fibers as Dual Drugs Delivery System with Individual Release Properties. <i>Langmuir</i> , 2013, 29, 9473-9482.	3.5	75
71	Tumour microenvironment-responsive semiconducting polymer-based self-assembling nanotheranostics. <i>Nanoscale Horizons</i> , 2019, 4, 426-433.	8.0	75
72	Self-Assembled Nanoparticles from Phenolic Derivatives for Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700467.	7.6	71

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73	Multiwalled Carbon Nanotubes and NaYF ₄ :Yb ³⁺ /Er ³⁺ Nanoparticle-Doped Bilayer Hydrogel for Concurrent NIR-Triggered Drug Release and Up-Conversion Luminescence Tagging. <i>Langmuir</i> , 2013, 29, 9573-9580.	3.5	70
74	Organosilica-Based Hollow Mesoporous Bilirubin Nanoparticles for Antioxidation-Activated Self-Protection and Tumor-Specific Deoxygenation-Driven Synergistic Therapy. <i>ACS Nano</i> , 2019, 13, 8903-8916.	14.6	70
75	Bismuth Nanoparticles with "Light" Property Served as a Multifunctional Probe for X-ray Computed Tomography and Fluorescence Imaging. <i>Chemistry of Materials</i> , 2018, 30, 3301-3307.	6.7	68
76	A Versatile Near Infrared Light Triggered Dual-Photosensitizer for Synchronous Bioimaging and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12993-13008.	8.0	66
77	Recent Advances in Metal-Phenolic Networks for Cancer Theranostics. <i>Small</i> , 2021, 17, e2100314.	10.0	66
78	Au Nanoclusters Sensitized Black TiO ₂ Nanotubes for Enhanced Photodynamic Therapy Driven by Near-Infrared Light. <i>Small</i> , 2017, 13, 1703007.	10.0	62
79	Self-assembled green tea polyphenol-based coordination nanomaterials to improve chemotherapy efficacy by inhibition of carbonyl reductase 1. <i>Biomaterials</i> , 2019, 210, 62-69.	11.4	62
80	Enhanced up/down-conversion luminescence and heat: Simultaneously achieving in one single core-shell structure for multimodal imaging guided therapy. <i>Biomaterials</i> , 2016, 105, 77-88.	11.4	61
81	Influence of Ionic Strength on the Deposition of Metal-Phenolic Networks. <i>Langmuir</i> , 2017, 33, 10616-10622.	3.5	61
82	808 nm near-infrared light controlled dual-drug release and cancer therapy in vivo by upconversion mesoporous silica nanostructures. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2086-2095.	5.8	60
83	Biofunctional metal-phenolic films from dietary flavonoids. <i>Chemical Communications</i> , 2017, 53, 1068-1071.	4.1	59
84	Synchronous Chemoradiation Nanovesicles by X-Ray Triggered Cascade of Drug Release. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8463-8467.	13.8	59
85	Multifunctional hollow CaF ₂ :Yb ³⁺ /Er ³⁺ /Mn ²⁺ -poly(2-Aminoethyl methacrylate) microspheres for Pt(IV) pro-drug delivery and tri-modal imaging. <i>Biomaterials</i> , 2015, 50, 154-163.	11.4	58
86	Multifunctional UCNPs@MnSiO ₃ @g-C ₃ N ₄ nanoplatfrom: improved ROS generation and reduced glutathione levels for highly efficient photodynamic therapy. <i>Biomaterials Science</i> , 2017, 5, 2456-2467.	5.4	58
87	One-Step Synthesis of Small-Sized and Water-Soluble NaREF ₄ Upconversion Nanoparticles for In Vitro Cell Imaging and Drug Delivery. <i>Chemistry - A European Journal</i> , 2013, 19, 2685-2694.	3.3	55
88	Highly Uniform Hollow Gd ₃ Spheres: Controllable Synthesis, Tuned Luminescence, and Drug-Release Properties. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10806-10818.	8.0	55
89	A Core-Shell-Satellite Structured Fe ₃ O ₄ @g-C ₃ N ₄ UCNPs-PEG for T ₁ /T ₂ -Weighted Dual-Modal MRI-Guided Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700502.	7.6	53
90	Ni(OH) ₂ nanosheets grown on porous hybrid g-C ₃ N ₄ /RGO network as high performance supercapacitor electrode. <i>Scientific Reports</i> , 2017, 7, 43413.	3.3	53

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91	Core-shell metal-organic frameworks with fluorescence switch to trigger an enhanced photodynamic therapy. <i>Theranostics</i> , 2019, 9, 2791-2799.	10.0	53
92	Monodisperse CeF ₃ , CeF ₃ :Tb ³⁺ , and CeF ₃ :Tb ³⁺ @LaF ₃ core/shell nanocrystals: synthesis and luminescent properties. <i>Journal of Materials Chemistry</i> , 2011, 21, 14610.	6.7	52
93	Multifunctional mesoporous ZrO ₂ encapsulated upconversion nanoparticles for mild NIR light activated synergistic cancer therapy. <i>Biomaterials</i> , 2017, 147, 39-52.	11.4	52
94	NIR-driven graphitic-phase carbon nitride nanosheets for efficient bioimaging and photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 8000-8008.	5.8	50
95	Carbon-Decorated TiO ₂ Nanotubes toward Photodynamic Therapy Based on Water-Splitting Mechanism. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800042.	7.6	49
96	Reactive Oxygen Species Scavenging Nanomedicine for the Treatment of Ischemic Heart Disease. <i>Advanced Materials</i> , 2022, 34, e2202169.	21.0	49
97	Imaging-Guided and Light-Triggered Chemo-/Photodynamic/Photothermal Therapy Based on Gd (III) Chelated Mesoporous Silica Hybrid Spheres. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 2058-2071.	5.2	46
98	Platinum (IV) Pro-Drug Conjugated NaYF ₄ :Yb ³⁺ /Er ³⁺ Nanoparticles for Targeted Drug Delivery and Up-Conversion Cell Imaging. <i>Advanced Healthcare Materials</i> , 2013, 2, 562-567.	7.6	45
99	Efficient Gene Delivery and Multimodal Imaging by Lanthanide-Based Upconversion Nanoparticles. <i>Langmuir</i> , 2014, 30, 13042-13051.	3.5	44
100	Lutecium Fluoride Hollow Mesoporous Spheres with Enhanced Up-Conversion Luminescent Bioimaging and Light-Triggered Drug Release by Gold Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 15550-15563.	8.0	42
101	Multifunctional SiO ₂ @Gd ₂ O ₃ :Yb/Tm Hollow Capsules: Controllable Synthesis and Drug Release Properties. <i>Inorganic Chemistry</i> , 2014, 53, 10917-10927.	4.0	41
102	Doxorubicin-conjugated CuS nanoparticles for efficient synergistic therapy triggered by near-infrared light. <i>Dalton Transactions</i> , 2016, 45, 5101-5110.	3.3	40
103	Expression of Programmed Cell Death-Ligands in Hepatocellular Carcinoma: Correlation With Immune Microenvironment and Survival Outcomes. <i>Frontiers in Oncology</i> , 2019, 9, 883.	2.8	40
104	Progress in Light-Responsive Lanthanide Nanoparticles toward Deep Tumor Theranostics. <i>Advanced Functional Materials</i> , 2021, 31, 2104325.	14.9	40
105	A paclitaxel prodrug with bifunctional folate and albumin binding moieties for both passive and active targeted cancer therapy. <i>Theranostics</i> , 2018, 8, 2018-2030.	10.0	39
106	A Metal-Phenolic Nanosensitizer Performs Hydrogen Sulfide-Reprogrammed Oxygen Metabolism for Cancer Radiotherapy Intensification and Immunogenicity. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	39
107	Gadolinium fluoride mesoporous microspheres: controllable synthesis, materials and biological properties. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1791.	5.8	38
108	Surfactant-Free Synthesis, Luminescent Properties, and Drug-Release Properties of LaF ₃ and LaCO ₃ F Hollow Microspheres. <i>Inorganic Chemistry</i> , 2014, 53, 998-1008.	4.0	38

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109	Synthesis of Li ⁺ xNaYF ₄ :Yb ₃₊ /Ln ₃₊ (0 ≤ x ≤ 0.3, Ln = Er, Tm, Ho) nanocrystals with multicolor up-conversion luminescence properties for in vitro cell imaging. <i>Journal of Materials Chemistry</i> , 2012, 22, 20618.	6.7	36
110	Remodeling of Tumor Microenvironment by Tumor-Targeting Nanozymes Enhances Immune Activation of CAR T Cells for Combination Therapy. <i>Small</i> , 2021, 17, e2102624.	10.0	36
111	Quad-Modal Imaging-Guided High-Efficiency Phototherapy Based on Upconversion Nanoparticles and ZnFe ₂ O ₄ Integrated Graphene Oxide. <i>Inorganic Chemistry</i> , 2018, 57, 9988-9998.	4.0	35
112	A Catalase-Like Metal-Organic Framework Nanohybrid for O ₂ -Evolving Synergistic Chemoradiotherapy. <i>Angewandte Chemie</i> , 2019, 131, 8844-8848.	2.0	33
113	Surface-modified GVs as nanosized contrast agents for molecular ultrasound imaging of tumor. <i>Biomaterials</i> , 2020, 236, 119803.	11.4	33
114	Polypyrrole-coated UCNPs@mSiO ₂ @ZnO nanocomposite for combined photodynamic and photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 8148-8162.	5.8	32
115	Gadolinium Metallofullerene-Polypyrrole Nanoparticles for Activatable Dual-Modal Imaging-Guided Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28382-28389.	8.0	32
116	Degradable Calcium Phosphate-Coated Upconversion Nanoparticles for Highly Efficient Chemo-Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47659-47670.	8.0	32
117	Efficient Polysulfide-Based Nanotheranostics for Triple-Negative Breast Cancer: Ratiometric Photoacoustics Monitored Tumor Microenvironment-Initiated H ₂ S Therapy. <i>Small</i> , 2020, 16, e2002939.	10.0	32
118	Ligand-Functionalized Poly(ethylene glycol) Particles for Tumor Targeting and Intracellular Uptake. <i>Biomacromolecules</i> , 2019, 20, 3592-3600.	5.4	31
119	A smart tumor microenvironment responsive nanoplatfrom based on upconversion nanoparticles for efficient multimodal imaging guided therapy. <i>Biomaterials Science</i> , 2019, 7, 951-962.	5.4	31
120	Cu-Pt(IV)-PEG-FA nanoparticles for targeted photothermal and chemotherapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5938-5946.	5.8	30
121	Self-Assembled Metal-Phenolic Nanoparticles for Enhanced Synergistic Combination Therapy against Colon Cancer. <i>Advanced Biology</i> , 2019, 3, e1800241.	3.0	30
122	Near-Infrared Semiconducting Polymer Brush and pH/GSH-Responsive Polyoxometalate Cluster Hybrid Platform for Enhanced Tumor-Specific Phototheranostics. <i>Angewandte Chemie</i> , 2018, 130, 14297-14301.	2.0	29
123	Patterning of Gd ₂ (WO ₄) ₃ :Ln ₃₊ (Ln = Eu, Tb) luminescent films by microcontact printing route. <i>Journal of Colloid and Interface Science</i> , 2012, 365, 320-325.	9.4	28
124	Structure Governs the Deformability of Polymer Particles in a Microfluidic Blood Capillary Model. <i>ACS Macro Letters</i> , 2015, 4, 1205-1209.	4.8	28
125	La ₃ :Ln mesoporous spheres: controllable synthesis, tunable luminescence and application for dual-modal chemo-/photo-thermal therapy. <i>Nanoscale</i> , 2014, 6, 14799-14809.	5.6	27
126	Multifunctional Theranostic Nanoplatfrom Based on Fe ₃ O ₄ @CuS-ZnPc/PCM for Bimodal Imaging and Synergistically Enhanced Phototherapy. <i>Inorganic Chemistry</i> , 2018, 57, 4864-4876.	4.0	27

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127	Metal ion assisted interface re-engineering of a ferritin nanocage for enhanced biofunctions and cancer therapy. <i>Nanoscale</i> , 2018, 10, 1135-1144.	5.6	25
128	A Triple-Kill Strategy for Tumor Eradication Reinforced by Metal-Phenolic Network Nanopumps. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	21
129	Patterned Poly(dopamine) Films for Enhanced Cell Adhesion. <i>Bioconjugate Chemistry</i> , 2017, 28, 75-80.	3.6	20
130	Bioresponsive upconversion nanostructure for combinatorial bioimaging and chemo-photothermal synergistic therapy. <i>Chemical Engineering Journal</i> , 2018, 342, 446-457.	12.7	20
131	NIR II-Excited and pH-Responsive Ultrasmall Nanoplatfom for Deep Optical Tissue and Drug Delivery Penetration and Effective Cancer Chemophototherapy. <i>Molecular Pharmaceutics</i> , 2020, 17, 3720-3729.	4.6	20
132	Multifunctional NaYF ₄ :Yb/Er/Gd nanocrystal decorated SiO ₂ nanotubes for anti-cancer drug delivery and dual modal imaging. <i>RSC Advances</i> , 2013, 3, 8517.	3.6	18
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