

# Zhuang Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3175370/publications.pdf>

Version: 2024-02-01

477  
papers

104,092  
citations

80

170  
h-index

213

310  
g-index

498  
all docs

498  
docs citations

498  
times ranked

57799  
citing authors

#	ARTICLE	IF	CITATIONS
1	PEGylated Nanographene Oxide for Delivery of Water-Insoluble Cancer Drugs. <i>Journal of the American Chemical Society</i> , 2008, 130, 10876-10877.	6.6	3,344
2	Nano-graphene oxide for cellular imaging and drug delivery. <i>Nano Research</i> , 2008, 1, 203-212.	5.8	3,043
3	Graphene in Mice: Ultrahigh In Vivo Tumor Uptake and Efficient Photothermal Therapy. <i>Nano Letters</i> , 2010, 10, 3318-3323.	4.5	2,213
4	Functional Nanomaterials for Phototherapies of Cancer. <i>Chemical Reviews</i> , 2014, 114, 10869-10939.	23.0	2,120
5	Carbon nanotubes in biology and medicine: In vitro and in vivo detection, imaging and drug delivery. <i>Nano Research</i> , 2009, 2, 85-120.	5.8	1,515
6	Nano-graphene in biomedicine: theranostic applications. <i>Chemical Society Reviews</i> , 2013, 42, 530-547.	18.7	1,483
7	Upconversion nanophosphors for small-animal imaging. <i>Chemical Society Reviews</i> , 2012, 41, 1323-1349.	18.7	1,478
8	In vivo biodistribution and highly efficient tumour targeting of carbon nanotubes in mice. <i>Nature Nanotechnology</i> , 2007, 2, 47-52.	15.6	1,384
9	Supramolecular Chemistry on Water-Soluble Carbon Nanotubes for Drug Loading and Delivery. <i>ACS Nano</i> , 2007, 1, 50-56.	7.3	1,290
10	Photothermal therapy with immune-adjuvant nanoparticles together with checkpoint blockade for effective cancer immunotherapy. <i>Nature Communications</i> , 2016, 7, 13193.	5.8	1,270
11	Drug Delivery with Carbon Nanotubes for <i>In vivo</i> Cancer Treatment. <i>Cancer Research</i> , 2008, 68, 6652-6660.	0.4	1,219
12	Carbon nanotubes as photoacoustic molecular imaging agents in living mice. <i>Nature Nanotechnology</i> , 2008, 3, 557-562.	15.6	1,215
13	Hollow MnO <sub>2</sub> as a tumor-microenvironment-responsive biodegradable nano-platform for combination therapy favoring antitumor immune responses. <i>Nature Communications</i> , 2017, 8, 902.	5.8	1,124
14	Drug Delivery with PEGylated MoS <sub>2</sub> Nanosheets for Combined Photothermal and Chemotherapy of Cancer. <i>Advanced Materials</i> , 2014, 26, 3433-3440.	11.1	1,072
15	A route to brightly fluorescent carbon nanotubes for near-infrared imaging in mice. <i>Nature Nanotechnology</i> , 2009, 4, 773-780.	15.6	1,068
16	Circulation and long-term fate of functionalized, biocompatible single-walled carbon nanotubes in mice probed by Raman spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1410-1415.	3.3	1,037
17	PEGylated WS <sub>2</sub> Nanosheets as a Multifunctional Theranostic Agent for in vivo Dual-Modal CT/Photoacoustic Imaging Guided Photothermal Therapy. <i>Advanced Materials</i> , 2014, 26, 1886-1893.	11.1	1,002
18	Photothermally Enhanced Photodynamic Therapy Delivered by Nano-Graphene Oxide. <i>ACS Nano</i> , 2011, 5, 7000-7009.	7.3	987

#	ARTICLE	IF	CITATIONS
19	Intelligent Albumin- $\text{MnO}_2$ Nanoparticles as pH-Responsive Dissociable Nanocarriers to Modulate Tumor Hypoxia for Effective Combination Therapy. <i>Advanced Materials</i> , 2016, 28, 7129-7136.	11.1	882
20	Multimodal Imaging Guided Photothermal Therapy using Functionalized Graphene Nanosheets Anchored with Magnetic Nanoparticles. <i>Advanced Materials</i> , 2012, 24, 1868-1872.	11.1	865
21	Innovative Strategies for Hypoxic Tumor Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11522-11531.	7.2	849
22	FeCo/graphitic-shell nanocrystals as advanced magnetic-resonance-imaging and near-infrared agents. <i>Nature Materials</i> , 2006, 5, 971-976.	13.3	807
23	Carbon Nanotubes as Intracellular Transporters for Proteins and DNA: An Investigation of the Uptake Mechanism and Pathway. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 577-581.	7.2	800
24	<i>In Vivo</i> Pharmacokinetics, Long-Term Biodistribution, and Toxicology of PEGylated Graphene in Mice. <i>ACS Nano</i> , 2011, 5, 516-522.	7.3	774
25	Near-infrared light induced <i>in vivo</i> photodynamic therapy of cancer based on upconversion nanoparticles. <i>Biomaterials</i> , 2011, 32, 6145-6154.	5.7	757
26	Functionalization of Carbon Nanotubes via Cleavable Disulfide Bonds for Efficient Intracellular Delivery of siRNA and Potent Gene Silencing. <i>Journal of the American Chemical Society</i> , 2005, 127, 12492-12493.	6.6	749
27	Temperature Sensing and <i>In Vivo</i> Imaging by Molybdenum Sensitized Visible Upconversion Luminescence of Rare-Earth Oxides. <i>Advanced Materials</i> , 2012, 24, 1987-1993.	11.1	731
28	A pilot toxicology study of single-walled carbon nanotubes in a small sample of mice. <i>Nature Nanotechnology</i> , 2008, 3, 216-221.	15.6	705
29	The influence of surface chemistry and size of nanoscale graphene oxide on photothermal therapy of cancer using ultra-low laser power. <i>Biomaterials</i> , 2012, 33, 2206-2214.	5.7	700
30	<i>In Vitro</i> and <i>In Vivo</i> Near-Infrared Photothermal Therapy of Cancer Using Polypyrrole Organic Nanoparticles. <i>Advanced Materials</i> , 2012, 24, 5586-5592.	11.1	684
31	Targeted Single-Wall Carbon Nanotube-Mediated Pt(IV) Prodrug Delivery Using Folate as a Homing Device. <i>Journal of the American Chemical Society</i> , 2008, 130, 11467-11476.	6.6	646
32	Graphene in biomedicine: opportunities and challenges. <i>Nanomedicine</i> , 2011, 6, 317-324.	1.7	636
33	siRNA Delivery into Human Tumor Cells and Primary Cells with Carbon-Nanotube Transporters. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2023-2027.	7.2	628
34	<i>In Vivo</i> NIR Fluorescence Imaging, Biodistribution, and Toxicology of Photoluminescent Carbon Dots Produced from Carbon Nanotubes and Graphite. <i>Small</i> , 2012, 8, 281-290.	5.2	625
35	Ultrathin $\text{WS}_2$ Nanoflakes as a High-Performance Electrocatalyst for the Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7860-7863.	7.2	622
36	Drug delivery with upconversion nanoparticles for multi-functional targeted cancer cell imaging and therapy. <i>Biomaterials</i> , 2011, 32, 1110-1120.	5.7	614

#	ARTICLE	IF	CITATIONS
37	Near-Infrared-Triggered Photodynamic Therapy with Multitasking Upconversion Nanoparticles in Combination with Checkpoint Blockade for Immunotherapy of Colorectal Cancer. ACS Nano, 2017, 11, 4463-4474.	7.3	583
38	Facile Preparation of Multifunctional Upconversion Nanoprobes for Multimodal Imaging and Dual-Targeted Photothermal Therapy. Angewandte Chemie - International Edition, 2011, 50, 7385-7390.	7.2	567
39	A functionalized graphene oxide-iron oxide nanocomposite for magnetically targeted drug delivery, photothermal therapy, and magnetic resonance imaging. Nano Research, 2012, 5, 199-212.	5.8	562
40	PEG Branched Polymer for Functionalization of Nanomaterials with Ultralong Blood Circulation. Journal of the American Chemical Society, 2009, 131, 4783-4787.	6.6	548
41	Graphene based gene transfection. Nanoscale, 2011, 3, 1252.	2.8	537
42	Emerging Nanotechnology and Advanced Materials for Cancer Radiation Therapy. Advanced Materials, 2017, 29, 1700996.	11.1	528
43	Carbon materials for drug delivery & cancer therapy. Materials Today, 2011, 14, 316-323.	8.3	527
44	Perfluorocarbon-Loaded Hollow Bi <sub>2</sub> Se <sub>3</sub> Nanoparticles for Timely Supply of Oxygen under Near-Infrared Light to Enhance the Radiotherapy of Cancer. Advanced Materials, 2016, 28, 2716-2723.	11.1	518
45	Ultrasound Triggered Tumor Oxygenation with Oxygen-Shuttle Nanoperfluorocarbon to Overcome Hypoxia-Associated Resistance in Cancer Therapies. Nano Letters, 2016, 16, 6145-6153.	4.5	509
46	Cancer Cell Membrane-Coated Adjuvant Nanoparticles with Mannose Modification for Effective Anticancer Vaccination. ACS Nano, 2018, 12, 5121-5129.	7.3	505
47	Modulation of Hypoxia in Solid Tumor Microenvironment with MnO <sub>2</sub> Nanoparticles to Enhance Photodynamic Therapy. Advanced Functional Materials, 2016, 26, 5490-5498.	7.8	497
48	Immunological Responses Triggered by Photothermal Therapy with Carbon Nanotubes in Combination with Anti-CTLA-4 Therapy to Inhibit Cancer Metastasis. Advanced Materials, 2014, 26, 8154-8162.	11.1	485
49	Organic-Base-Driven Intercalation and Delamination for the Production of Functionalized Titanium Carbide Nanosheets with Superior Photothermal Therapeutic Performance. Angewandte Chemie - International Edition, 2016, 55, 14569-14574.	7.2	480
50	Supramolecular Stacking of Doxorubicin on Carbon Nanotubes for In Vivo Cancer Therapy. Angewandte Chemie - International Edition, 2009, 48, 7668-7672.	7.2	479
51	Ultrathin MoS <sub>2</sub> (1-x)/Se <sub>2-x</sub> Alloy Nanoflakes For Electrocatalytic Hydrogen Evolution Reaction. ACS Catalysis, 2015, 5, 2213-2219.	5.5	473
52	Erythrocyte-Membrane-Enveloped Perfluorocarbon as Nanoscale Artificial Red Blood Cells to Relieve Tumor Hypoxia and Enhance Cancer Radiotherapy. Advanced Materials, 2017, 29, 1701429.	11.1	473
53	Iron Oxide Decorated MoS <sub>2</sub> Nanosheets with Double PEGylation for Chelator-Free Radiolabeling and Multimodal Imaging Guided Photothermal Therapy. ACS Nano, 2015, 9, 950-960.	7.3	460
54	Selective Probing and Imaging of Cells with Single Walled Carbon Nanotubes as Near-Infrared Fluorescent Molecules. Nano Letters, 2008, 8, 586-590.	4.5	457

#	ARTICLE	IF	CITATIONS
55	Tumor Metastasis Inhibition by Imaging-Guided Photothermal Therapy with Single-Walled Carbon Nanotubes. <i>Advanced Materials</i> , 2014, 26, 5646-5652.	11.1	454
56	Nanoparticle-Enhanced Radiotherapy to Trigger Robust Cancer Immunotherapy. <i>Advanced Materials</i> , 2019, 31, e1802228.	11.1	448
57	Iron Oxide @ Polypyrrole Nanoparticles as a Multifunctional Drug Carrier for Remotely Controlled Cancer Therapy with Synergistic Antitumor Effect. <i>ACS Nano</i> , 2013, 7, 6782-6795.	7.3	445
58	H <sub>2</sub> O <sub>2</sub> -responsive liposomal nanoprobe for photoacoustic inflammation imaging and tumor theranostics via in vivo chromogenic assay. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5343-5348.	3.3	445
59	Noble Metal Coated Single-Walled Carbon Nanotubes for Applications in Surface Enhanced Raman Scattering Imaging and Photothermal Therapy. <i>Journal of the American Chemical Society</i> , 2012, 134, 7414-7422.	6.6	440
60	In situ formed reactive oxygen species-responsive scaffold with gemcitabine and checkpoint inhibitor for combination therapy. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	439
61	1D Coordination Polymer Nanofibers for Low-Temperature Photothermal Therapy. <i>Advanced Materials</i> , 2017, 29, 1703588.	11.1	437
62	In-Vitro and In-Vivo Uncaging and Bioluminescence Imaging by Using Photocaged Upconversion Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3125-3129.	7.2	428
63	Graphene Oxide-Silver Nanocomposite As a Highly Effective Antibacterial Agent with Species-Specific Mechanisms. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 3867-3874.	4.0	424
64	Single-Band Upconversion Emission in Lanthanide-Doped KMnF <sub>3</sub> Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10369-10372.	7.2	423
65	Organic Stealth Nanoparticles for Highly Effective <i>in Vivo</i> Near-Infrared Photothermal Therapy of Cancer. <i>ACS Nano</i> , 2012, 6, 5605-5613.	7.3	405
66	Recent progress of chemodynamic therapy-induced combination cancer therapy. <i>Nano Today</i> , 2020, 35, 100946.	6.2	405
67	Preparation of carbon nanotube bioconjugates for biomedical applications. <i>Nature Protocols</i> , 2009, 4, 1372-1381.	5.5	398
68	Synthesis of Hollow Biom mineralized CaCO <sub>3</sub> -Polydopamine Nanoparticles for Multimodal Imaging-Guided Cancer Photodynamic Therapy with Reduced Skin Photosensitivity. <i>Journal of the American Chemical Society</i> , 2018, 140, 2165-2178.	6.6	396
69	Behavior and Toxicity of Graphene and Its Functionalized Derivatives in Biological Systems. <i>Small</i> , 2013, 9, 1492-1503.	5.2	392
70	Optimization of surface chemistry on single-walled carbon nanotubes for in vivo photothermal ablation of tumors. <i>Biomaterials</i> , 2011, 32, 144-151.	5.7	391
71	An Imagable and Photothermal Abraxane-Like Nanodrug for Combination Cancer Therapy to Treat Subcutaneous and Metastatic Breast Tumors. <i>Advanced Materials</i> , 2015, 27, 903-910.	11.1	391
72	Recent advances in the development of organic photothermal nano-agents. <i>Nano Research</i> , 2015, 8, 340-354.	5.8	388

#	ARTICLE	IF	CITATIONS
73	Ultrasmall Oxygen-Deficient Bimetallic Oxide $MnWO_x$ Nanoparticles for Depletion of Endogenous GSH and Enhanced Sonodynamic Cancer Therapy. <i>Advanced Materials</i> , 2019, 31, e1900730.	11.1	387
74	Nanoscale metal-organic frameworks for combined photodynamic & radiation therapy in cancer treatment. <i>Biomaterials</i> , 2016, 97, 1-9.	5.7	379
75	Polyethylene Glycol and Polyethylenimine Dual-Functionalized Nano-Graphene Oxide for Photothermally Enhanced Gene Delivery. <i>Small</i> , 2013, 9, 1989-1997.	5.2	378
76	Ultrahigh Sensitivity Carbon Nanotube Agents for Photoacoustic Molecular Imaging in Living Mice. <i>Nano Letters</i> , 2010, 10, 2168-2172.	4.5	376
77	2D Nanomaterials for Cancer Theranostic Applications. <i>Advanced Materials</i> , 2020, 32, e1902333.	11.1	375
78	Combined local immunostimulatory radioisotope therapy and systemic immune checkpoint blockade imparts potent antitumour responses. <i>Nature Biomedical Engineering</i> , 2018, 2, 611-621.	11.6	374
79	ROS-scavenging hydrogel to promote healing of bacteria infected diabetic wounds. <i>Biomaterials</i> , 2020, 258, 120286.	5.7	370
80	Upconversion Nanoparticles for Photodynamic Therapy and Other Cancer Therapeutics. <i>Theranostics</i> , 2013, 3, 317-330.	4.6	369
81	Emerging nanomedicine approaches fighting tumor metastasis: animal models, metastasis-targeted drug delivery, phototherapy, and immunotherapy. <i>Chemical Society Reviews</i> , 2016, 45, 6250-6269.	18.7	365
82	Multifunctional nanoparticles for upconversion luminescence/MR multimodal imaging and magnetically targeted photothermal therapy. <i>Biomaterials</i> , 2012, 33, 2215-2222.	5.7	360
83	Amplification of Tumor Oxidative Stresses with Liposomal Fenton Catalyst and Glutathione Inhibitor for Enhanced Cancer Chemotherapy and Radiotherapy. <i>Nano Letters</i> , 2019, 19, 805-815.	4.5	360
84	Theranostic Liposomes with Hypoxia-Activated Prodrug to Effectively Destruct Hypoxic Tumors Post-Photodynamic Therapy. <i>ACS Nano</i> , 2017, 11, 927-937.	7.3	358
85	In Vivo biodistribution and toxicology of functionalized nano-graphene oxide in mice after oral and intraperitoneal administration. <i>Biomaterials</i> , 2013, 34, 2787-2795.	5.7	354
86	Efficient planar heterojunction perovskite solar cells employing graphene oxide as hole conductor. <i>Nanoscale</i> , 2014, 6, 10505-10510.	2.8	352
87	Stimuli responsive drug delivery systems based on nano-graphene for cancer therapy. <i>Advanced Drug Delivery Reviews</i> , 2016, 105, 228-241.	6.6	352
88	GSH-Depleted $PtCu_3$ Nanocages for Chemodynamic-Enhanced Sonodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2020, 30, 1907954.	7.8	352
89	Two-Dimensional Tantalum Carbide (MXenes) Composite Nanosheets for Multiple Imaging-Guided Photothermal Tumor Ablation. <i>ACS Nano</i> , 2017, 11, 12696-12712.	7.3	350
90	Ultrafine Titanium Monoxide ( $TiO_x$ ) Nanorods for Enhanced Sonodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 6527-6537.	6.6	350

#	ARTICLE	IF	CITATIONS
91	Smart Nanoreactors for pH-Responsive Tumor Homing, Mitochondria-Targeting, and Enhanced Photodynamic-Immunotherapy of Cancer. <i>Nano Letters</i> , 2018, 18, 2475-2484.	4.5	348
92	Catalase-Loaded TaOx Nanoshells as Bio-Nanoreactors Combining High-Z Element and Enzyme Delivery for Enhancing Radiotherapy. <i>Advanced Materials</i> , 2016, 28, 7143-7148.	11.1	346
93	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018, 61, 1503-1552.	4.2	336
94	A general strategy towards personalized nanovaccines based on fluoropolymers for post-surgical cancer immunotherapy. <i>Nature Nanotechnology</i> , 2020, 15, 1043-1052.	15.6	332
95	Core-Shell MnSe@Bi <sub>2</sub> Se <sub>3</sub> Fabricated via a Cation Exchange Method as Novel Nanotheranostics for Multimodal Imaging and Synergistic Thermoradiotherapy. <i>Advanced Materials</i> , 2015, 27, 6110-6117.	11.1	330
96	Upconversion nanoparticles and their composite nanostructures for biomedical imaging and cancer therapy. <i>Nanoscale</i> , 2013, 5, 23-37.	2.8	325
97	Combined photothermal and photodynamic therapy delivered by PEGylated MoS <sub>2</sub> nanosheets. <i>Nanoscale</i> , 2014, 6, 11219-11225.	2.8	323
98	<i>In Vivo</i> Targeting and Imaging of Tumor Vasculature with Radiolabeled, Antibody-Conjugated Nanographene. <i>ACS Nano</i> , 2012, 6, 2361-2370.	7.3	318
99	Imaging-Guided pH-Sensitive Photodynamic Therapy Using Charge Reversible Upconversion Nanoparticles under Near-Infrared Light. <i>Advanced Functional Materials</i> , 2013, 23, 3077-3086.	7.8	318
100	Protein microarrays with carbon nanotubes as multicolor Raman labels. <i>Nature Biotechnology</i> , 2008, 26, 1285-1292.	9.4	317
101	Drug-Induced Self-Assembly of Modified Albumins as Nano-theranostics for Tumor-Targeted Combination Therapy. <i>ACS Nano</i> , 2015, 9, 5223-5233.	7.3	314
102	In vitro and in vivo behaviors of dextran functionalized graphene. <i>Carbon</i> , 2011, 49, 4040-4049.	5.4	305
103	Graphene-based magnetic plasmonic nanocomposite for dual bioimaging and photothermal therapy. <i>Biomaterials</i> , 2013, 34, 4786-4793.	5.7	305
104	Carbon nanotubes for biomedical imaging: The recent advances. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1951-1963.	6.6	301
105	Nanoscale Metal-Organic Particles with Rapid Clearance for Magnetic Resonance Imaging-Guided Photothermal Therapy. <i>ACS Nano</i> , 2016, 10, 2774-2781.	7.3	300
106	Protein modified upconversion nanoparticles for imaging-guided combined photothermal and photodynamic therapy. <i>Biomaterials</i> , 2014, 35, 2915-2923.	5.7	297
107	Highly-sensitive multiplexed in vivo imaging using pegylated upconversion nanoparticles. <i>Nano Research</i> , 2010, 3, 722-732.	5.8	289
108	Biocompatible 2D Titanium Carbide (MXenes) Composite Nanosheets for pH-Responsive MRI-Guided Tumor Hyperthermia. <i>Chemistry of Materials</i> , 2017, 29, 8637-8652.	3.2	285



#	ARTICLE	IF	CITATIONS
109	Preparation and functionalization of graphene nanocomposites for biomedical applications. <i>Nature Protocols</i> , 2013, 8, 2392-2403.	5.5	284
110	Polymer encapsulated upconversion nanoparticle/iron oxide nanocomposites for multimodal imaging and magnetic targeted drug delivery. <i>Biomaterials</i> , 2011, 32, 9364-9373.	5.7	282
111	Hyaluronidase To Enhance Nanoparticle-Based Photodynamic Tumor Therapy. <i>Nano Letters</i> , 2016, 16, 2512-2521.	4.5	279
112	Light-Triggered In Situ Gelation to Enable Robust Photodynamic Immunotherapy by Repeated Stimulations. <i>Advanced Materials</i> , 2019, 31, e1900927.	11.1	276
113	Two-dimensional magnetic WS <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> nanocomposite with mesoporous silica coating for drug delivery and imaging-guided therapy of cancer. <i>Biomaterials</i> , 2015, 60, 62-71.	5.7	264
114	Amplifying the Red-Emission of Upconverting Nanoparticles for Biocompatible Clinically Used Prodrug-Induced Photodynamic Therapy. <i>ACS Nano</i> , 2014, 8, 10621-10630.	7.3	263
115	Bottom-Up Synthesis of Metal-Ion-Doped WS <sub>2</sub> Nanoflakes for Cancer Theranostics. <i>ACS Nano</i> , 2015, 9, 11090-11101.	7.3	263
116	A Hypoxia-Responsive Albumin-Based Nanosystem for Deep Tumor Penetration and Excellent Therapeutic Efficacy. <i>Advanced Materials</i> , 2019, 31, e1901513.	11.1	263
117	Nanomedicine for tumor microenvironment modulation and cancer treatment enhancement. <i>Nano Today</i> , 2018, 21, 55-73.	6.2	259
118	Inorganic nanomaterials with rapid clearance for biomedical applications. <i>Chemical Society Reviews</i> , 2021, 50, 8669-8742.	18.7	259
119	Degradable Molybdenum Oxide Nanosheets with Rapid Clearance and Efficient Tumor Homing Capabilities as a Therapeutic Nanoplatfrom. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2122-2126.	7.2	254
120	Multiplexed Multicolor Raman Imaging of Live Cells with Isotopically Modified Single Walled Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2008, 130, 13540-13541.	6.6	251
121	Ultra-Small Iron Oxide Doped Polypyrrole Nanoparticles for In Vivo Multimodal Imaging Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2014, 24, 1194-1201.	7.8	250
122	The acidic tumor microenvironment: a target for smart cancer nano-theranostics. <i>National Science Review</i> , 2018, 5, 269-286.	4.6	250
123	Tumor microenvironment-responsive intelligent nanoplatfroms for cancer theranostics. <i>Nano Today</i> , 2020, 32, 100851.	6.2	249
124	Two-Dimensional Graphene Augments Nanosonosensitized Sonocatalytic Tumor Eradication. <i>ACS Nano</i> , 2017, 11, 9467-9480.	7.3	248
125	A Self-Assembled Albumin-Based Nanoprobe for In Vivo Ratiometric Photoacoustic pH Imaging. <i>Advanced Materials</i> , 2015, 27, 6820-6827.	11.1	244
126	Polydopamine Nanoparticles as a Versatile Molecular Loading Platform to Enable Imaging-guided Cancer Combination Therapy. <i>Theranostics</i> , 2016, 6, 1031-1042.	4.6	244



#	ARTICLE	IF	CITATIONS
127	Engineering of Multifunctional Nano-Micelles for Combined Photothermal and Photodynamic Therapy Under the Guidance of Multimodal Imaging. <i>Advanced Functional Materials</i> , 2014, 24, 6492-6502.	7.8	242
128	Photosensitizer-Conjugated Albumin-Polypyrrole Nanoparticles for Imaging-Guided In Vivo Photodynamic/Photothermal Therapy. <i>Small</i> , 2015, 11, 3932-3941.	5.2	240
129	PEGylated Micelle Nanoparticles Encapsulating a Non-Fluorescent Near-Infrared Organic Dye as a Safe and Highly-Effective Photothermal Agent for In Vivo Cancer Therapy. <i>Advanced Functional Materials</i> , 2013, 23, 5893-5902.	7.8	236
130	Self-Supplied Tumor Oxygenation through Separated Liposomal Delivery of $H_2O_2$ and Catalase for Enhanced Radio-Immunotherapy of Cancer. <i>Nano Letters</i> , 2018, 18, 6360-6368.	4.5	234
131	Albumin Carriers for Cancer Theranostics: A Conventional Platform with New Promise. <i>Advanced Materials</i> , 2016, 28, 10557-10566.	11.1	232
132	Multifunctional Two-Dimensional Core-Shell MXene@Gold Nanocomposites for Enhanced Photo-Radio Combined Therapy in the Second Biological Window. <i>ACS Nano</i> , 2019, 13, 284-294.	7.3	232
133	Biodistribution, pharmacokinetics and toxicology of Ag <sub>2</sub> S near-infrared quantum dots in mice. <i>Biomaterials</i> , 2013, 34, 3639-3646.	5.7	228
134	Red blood cell-derived nanoerythroosome for antigen delivery with enhanced cancer immunotherapy. <i>Science Advances</i> , 2019, 5, eaaw6870.	4.7	228
135	CaCO <sub>3</sub> nanoparticles as an ultra-sensitive tumor-pH-responsive nanoplatform enabling real-time drug release monitoring and cancer combination therapy. <i>Biomaterials</i> , 2016, 110, 60-70.	5.7	227
136	Polydopamine as a Biocompatible Multifunctional Nanocarrier for Combined Radioisotope Therapy and Chemotherapy of Cancer. <i>Advanced Functional Materials</i> , 2015, 25, 7327-7336.	7.8	225
137	FeSe <sub>2</sub> -Decorated Bi <sub>2</sub> Se <sub>3</sub> Nanosheets Fabricated via Cation Exchange for Chelator-Free <sup>64</sup> Cu Labeling and Multimodal Image-Guided Photothermal-Radiation Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 2185-2197.	7.8	225
138	Conjugated polymers for photothermal therapy of cancer. <i>Polymer Chemistry</i> , 2014, 5, 1573-1580.	1.9	224
139	Family of Enhanced Photoacoustic Imaging Agents for High-Sensitivity and Multiplexing Studies in Living Mice. <i>ACS Nano</i> , 2012, 6, 4694-4701.	7.3	221
140	Mesoporous Silica Coated Single-Walled Carbon Nanotubes as a Multifunctional Light-Responsive Platform for Cancer Combination Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 384-392.	7.8	219
141	Multifunctional Theranostic Red Blood Cells For Magnetic-Field-Enhanced in vivo Combination Therapy of Cancer. <i>Advanced Materials</i> , 2014, 26, 4794-4802.	11.1	214
142	Catalase-loaded cisplatin-prodrug-constructed liposomes to overcome tumor hypoxia for enhanced chemo-radiotherapy of cancer. <i>Biomaterials</i> , 2017, 138, 13-21.	5.7	214
143	PEGylated Prussian blue nanocubes as a theranostic agent for simultaneous cancer imaging and photothermal therapy. <i>Biomaterials</i> , 2014, 35, 9844-9852.	5.7	210
144	Near-infrared dye bound albumin with separated imaging and therapy wavelength channels for imaging-guided photothermal therapy. <i>Biomaterials</i> , 2014, 35, 8206-8214.	5.7	210

#	ARTICLE	IF	CITATIONS
145	Local biomaterials-assisted cancer immunotherapy to trigger systemic antitumor responses. <i>Chemical Society Reviews</i> , 2019, 48, 5506-5526.	18.7	209
146	Imaging-Guided Combined Photothermal and Radiotherapy to Treat Subcutaneous and Metastatic Tumors Using Iodine-Doped Copper Sulfide Nanoparticles. <i>Advanced Functional Materials</i> , 2015, 25, 4689-4699.	7.8	207
147	Functionalized Graphene Oxide in Enzyme Engineering: A Selective Modulator for Enzyme Activity and Thermostability. <i>ACS Nano</i> , 2012, 6, 4864-4875.	7.3	204
148	Antigen-Loaded Upconversion Nanoparticles for Dendritic Cell Stimulation, Tracking, and Vaccination in Dendritic Cell-Based Immunotherapy. <i>ACS Nano</i> , 2015, 9, 6401-6411.	7.3	204
149	Hollow Cu <sub>2</sub> Se Nanozymes for Tumor Photothermal-Catalytic Therapy. <i>Chemistry of Materials</i> , 2019, 31, 6174-6186.	3.2	204
150	Surface Coating-Dependent Cytotoxicity and Degradation of Graphene Derivatives: Towards the Design of Non-Toxic, Degradable Nano-Graphene. <i>Small</i> , 2014, 10, 1544-1554.	5.2	201
151	Two-dimensional TiS <sub>2</sub> nanosheets for in vivo photoacoustic imaging and photothermal cancer therapy. <i>Nanoscale</i> , 2015, 7, 6380-6387.	2.8	199
152	TaOx decorated perfluorocarbon nanodroplets as oxygen reservoirs to overcome tumor hypoxia and enhance cancer radiotherapy. <i>Biomaterials</i> , 2017, 112, 257-263.	5.7	199
153	Synthesis of CaCO <sub>3</sub> -Based Nanomedicine for Enhanced Sonodynamic Therapy via Amplification of Tumor Oxidative Stress. <i>CheM</i> , 2020, 6, 1391-1407.	5.8	199
154	Photosensitizer Loaded Nano-Graphene for Multimodality Imaging Guided Tumor Photodynamic Therapy. <i>Theranostics</i> , 2014, 4, 229-239.	4.6	198
155	Glucose & oxygen exhausting liposomes for combined cancer starvation and hypoxia-activated therapy. <i>Biomaterials</i> , 2018, 162, 123-131.	5.7	196
156	An albumin-based theranostic nano-agent for dual-modal imaging guided photothermal therapy to inhibit lymphatic metastasis of cancer post surgery. <i>Biomaterials</i> , 2014, 35, 9355-9362.	5.7	194
157	Ultrasmall Iron-Doped Titanium Oxide Nanodots for Enhanced Sonodynamic and Chemodynamic Cancer Therapy. <i>ACS Nano</i> , 2020, 14, 15119-15130.	7.3	194
158	Radionuclide 131I labeled reduced graphene oxide for nuclear imaging guided combined radio- and photothermal therapy of cancer. <i>Biomaterials</i> , 2015, 66, 21-28.	5.7	192
159	Nanoscale-Coordination-Polymer-Shelled Manganese Dioxide Composite Nanoparticles: A Multistage Redox/pH/H <sub>2</sub> O <sub>2</sub> -Responsive Cancer Theranostic Nanoplatform. <i>Advanced Functional Materials</i> , 2017, 27, 1605926.	7.8	192
160	In Vivo Long-Term Biodistribution, Excretion, and Toxicology of PEGylated Transition-Metal Dichalcogenides MS <sub>2</sub> (M = Mo, W, Ti) Nanosheets. <i>Advanced Science</i> , 2017, 4, 1600160.	5.6	191
161	<i>In vivo</i> pharmacokinetics, long-term biodistribution and toxicology study of functionalized upconversion nanoparticles in mice. <i>Nanomedicine</i> , 2011, 6, 1327-1340.	1.7	190
162	Shape Matters: Intravital Microscopy Reveals Surprising Geometrical Dependence for Nanoparticles in Tumor Models of Extravasation. <i>Nano Letters</i> , 2012, 12, 3369-3377.	4.5	189

#	ARTICLE	IF	CITATIONS
163	Nanoscale theranostics for physical stimulus-responsive cancer therapies. <i>Biomaterials</i> , 2015, 73, 214-230.	5.7	189
164	G-Quadruplex-Based Nanoscale Coordination Polymers to Modulate Tumor Hypoxia and Achieve Nuclear-Targeted Drug Delivery for Enhanced Photodynamic Therapy. <i>Nano Letters</i> , 2018, 18, 6867-6875.	4.5	187
165	PEG-functionalized iron oxide nanoclusters loaded with chlorin e6 for targeted, NIR light induced, photodynamic therapy. <i>Biomaterials</i> , 2013, 34, 9160-9170.	5.7	185
166	2D Superparamagnetic Tantalum Carbide Composite MXenes for Efficient Breast-Cancer Theranostics. <i>Theranostics</i> , 2018, 8, 1648-1664.	4.6	185
167	Preparation of TiH <sub>1.924</sub> nanodots by liquid-phase exfoliation for enhanced sonodynamic cancer therapy. <i>Nature Communications</i> , 2020, 11, 3712.	5.8	183
168	Albumin-NIR dye self-assembled nanoparticles for photoacoustic pH imaging and pH-responsive photothermal therapy effective for large tumors. <i>Biomaterials</i> , 2016, 98, 23-30.	5.7	182
169	Smart Injectable Hydrogels for Cancer Immunotherapy. <i>Advanced Functional Materials</i> , 2020, 30, 1902785.	7.8	182
170	Graphene-Based Nanocomposite As an Effective, Multifunctional, and Recyclable Antibacterial Agent. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 8542-8548.	4.0	179
171	Polydopamine nanoparticles for the treatment of acute inflammation-induced injury. <i>Nanoscale</i> , 2018, 10, 6981-6991.	2.8	178
172	Iron Nanoparticles for Low-Power Local Magnetic Hyperthermia in Combination with Immune Checkpoint Blockade for Systemic Antitumor Therapy. <i>Nano Letters</i> , 2019, 19, 4287-4296.	4.5	170
173	Multicolor In Vivo Imaging of Upconversion Nanoparticles with Emissions Tuned by Luminescence Resonance Energy Transfer. <i>Journal of Physical Chemistry C</i> , 2011, 115, 2686-2692.	1.5	169
174	Theranostic 2D ultrathin MnO <sub>2</sub> nanosheets with fast responsibility to endogenous tumor microenvironment and exogenous NIR irradiation. <i>Biomaterials</i> , 2018, 155, 54-63.	5.7	169
175	Janus Iron Oxides @ Semiconducting Polymer Nanoparticle Tracer for Cell Tracking by Magnetic Particle Imaging. <i>Nano Letters</i> , 2018, 18, 182-189.	4.5	168
176	Remotely Controlled Red Blood Cell Carriers for Cancer Targeting and Near-Infrared Light-Triggered Drug Release in Combined Photothermal-Chemotherapy. <i>Advanced Functional Materials</i> , 2015, 25, 2386-2394.	7.8	167
177	Organic-Base-Driven Intercalation and Delamination for the Production of Functionalized Titanium Carbide Nanosheets with Superior Photothermal Therapeutic Performance. <i>Angewandte Chemie</i> , 2016, 128, 14789-14794.	1.6	167
178	FeS nanoplates as a multifunctional nano-theranostic for magnetic resonance imaging guided photothermal therapy. <i>Biomaterials</i> , 2015, 38, 1-9.	5.7	166
179	Drug-induced co-assembly of albumin/catalase as smart nano-theranostics for deep intra-tumoral penetration, hypoxia relieve, and synergistic combination therapy. <i>Journal of Controlled Release</i> , 2017, 263, 79-89.	4.8	165
180	Near-infrared-light responsive nanoscale drug delivery systems for cancer treatment. <i>Coordination Chemistry Reviews</i> , 2016, 320-321, 100-117.	9.5	159

#	ARTICLE	IF	CITATIONS
181	Cisplatin-Prodrug-Constructed Liposomes as a Versatile Theranostic Nanoplatform for Bimodal Imaging Guided Combination Cancer Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 2207-2217.	7.8	159
182	Photosensitizer-crosslinked in-situ polymerization on catalase for tumor hypoxia modulation & enhanced photodynamic therapy. <i>Biomaterials</i> , 2018, 181, 310-317.	5.7	158
183	Covalent Organic Polymers Based on Fluorinated Porphyrin as Oxygen Nanoshuttles for Tumor Hypoxia Relief and Enhanced Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1804901.	7.8	156
184	Hyaluronidase with pH-Responsive Dextran Modification as an Adjuvant Nanomedicine for Enhanced Photodynamic Immunotherapy of Cancer. <i>Advanced Functional Materials</i> , 2019, 29, 1902440.	7.8	156
185	Core-shell Au@MnO <sub>2</sub> nanoparticles for enhanced radiotherapy via improving the tumor oxygenation. <i>Nano Research</i> , 2016, 9, 3267-3278.	5.8	155
186	Fluorinated Chitosan To Enhance Transmucosal Delivery of Sonosensitizer-Conjugated Catalase for Sonodynamic Bladder Cancer Treatment Post-intravesical Instillation. <i>ACS Nano</i> , 2020, 14, 1586-1599.	7.3	155
187	Near-Infrared Absorbing Polymeric Nanoparticles as a Versatile Drug Carrier for Cancer Combination Therapy. <i>Advanced Functional Materials</i> , 2013, 23, 6059-6067.	7.8	150
188	Smart pH-Responsive Nanocarriers Based on Nano-Graphene Oxide for Combined Chemo- and Photothermal Therapy Overcoming Drug Resistance. <i>Advanced Healthcare Materials</i> , 2014, 3, 1261-1271.	3.9	150
189	Tumor vasculature targeting and imaging in living mice with reduced graphene oxide. <i>Biomaterials</i> , 2013, 34, 3002-3009.	5.7	149
190	Bimetallic Oxide MnMoO <sub>X</sub> Nanorods for in Vivo Photoacoustic Imaging of GSH and Tumor-Specific Photothermal Therapy. <i>Nano Letters</i> , 2018, 18, 6037-6044.	4.5	146
191	Endosomal pH-Activatable Poly(ethylene oxide)- <i>graft</i> -Doxorubicin Prodrugs: Synthesis, Drug Release, and Biodistribution in Tumor-Bearing Mice. <i>Biomacromolecules</i> , 2011, 12, 1460-1467.	2.6	145
192	Red Blood Cells as Smart Delivery Systems. <i>Bioconjugate Chemistry</i> , 2018, 29, 852-860.	1.8	144
193	Bacteria-triggered tumor-specific thrombosis to enable potent photothermal immunotherapy of cancer. <i>Science Advances</i> , 2020, 6, eaba3546.	4.7	144
194	Antitumor Agents Based on Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16763-16776.	7.2	143
195	Multifunctional Upconversion Nanoparticles for Dual-Modal Imaging-Guided Stem Cell Therapy under Remote Magnetic Control. <i>Advanced Functional Materials</i> , 2013, 23, 272-280.	7.8	141
196	Light-Responsive, Singlet-Oxygen-Triggered On-Demand Drug Release from Photosensitizer-Doped Mesoporous Silica Nanorods for Cancer Combination Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 4722-4732.	7.8	141
197	Single-walled carbon nanotubes in biomedical imaging. <i>Journal of Materials Chemistry</i> , 2011, 21, 586-598.	6.7	139
198	Liquid exfoliation of TiN nanodots as novel sonosensitizers for photothermal-enhanced sonodynamic therapy against cancer. <i>Nano Today</i> , 2021, 39, 101170.	6.2	138

#	ARTICLE	IF	CITATIONS
199	Photoacoustic Imaging Guided Near-Infrared Photothermal Therapy Using Highly Water-Dispersible Single-Walled Carbon Nanohorns as Theranostic Agents. <i>Advanced Functional Materials</i> , 2014, 24, 6621-6628.	7.8	137
200	Cerenkov Radiation Induced Photodynamic Therapy Using Chlorin e6-Loaded Hollow Mesoporous Silica Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 26630-26637.	4.0	136
201	Localized cocktail chemoimmunotherapy after in situ gelation to trigger robust systemic antitumor immune responses. <i>Science Advances</i> , 2020, 6, eaaz4204.	4.7	136
202	2D MoS <sub>2</sub> Nanostructures for Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701158.	3.9	135
203	Towards whole-body imaging at the single cell level using ultra-sensitive stem cell labeling with oligo-arginine modified upconversion nanoparticles. <i>Biomaterials</i> , 2012, 33, 4872-4881.	5.7	134
204	Ultra-small MoS <sub>2</sub> nanodots with rapid body clearance for photothermal cancer therapy. <i>Nano Research</i> , 2016, 9, 3003-3017.	5.8	134
205	Redox-Sensitive Nanoscale Coordination Polymers for Drug Delivery and Cancer Theranostics. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 23555-23563.	4.0	134
206	Visualization of Protease Activity In Vivo Using an Activatable Photo-Acoustic Imaging Probe Based on CuS Nanoparticles. <i>Theranostics</i> , 2014, 4, 134-141.	4.6	133
207	Near-infrared light triggered photodynamic therapy in combination with gene therapy using upconversion nanoparticles for effective cancer cell killing. <i>Nanoscale</i> , 2014, 6, 9198.	2.8	132
208	Iridium nanocrystals encapsulated liposomes as near-infrared light controllable nanozymes for enhanced cancer radiotherapy. <i>Biomaterials</i> , 2018, 181, 81-91.	5.7	131
209	Platinum Nanoparticles to Enable Electrodynamical Therapy for Effective Cancer Treatment. <i>Advanced Materials</i> , 2019, 31, e1806803.	11.1	130
210	Synthesis of Au-Fe <sub>3</sub> O <sub>4</sub> heterostructured nanoparticles for in vivo computed tomography and magnetic resonance dual modal imaging. <i>Nanoscale</i> , 2014, 6, 199-202.	2.8	129
211	Liposomes co-loaded with metformin and chlorin e6 modulate tumor hypoxia during enhanced photodynamic therapy. <i>Nano Research</i> , 2017, 10, 1200-1212.	5.8	128
212	Near-infrared light activation of quenched liposomal Ce6 for synergistic cancer phototherapy with effective skin protection. <i>Biomaterials</i> , 2017, 127, 13-24.	5.7	124
213	Reactive Oxygen Species-Activatable Liposomes Regulating Hypoxic Tumor Microenvironment for Synergistic Photo/Chemodynamic Therapies. <i>Advanced Functional Materials</i> , 2019, 29, 1905013.	7.8	124
214	Multiplexed five-color molecular imaging of cancer cells and tumor tissues with carbon nanotube Raman tags in the near-infrared. <i>Nano Research</i> , 2010, 3, 222-233.	5.8	123
215	ATP-Responsive Smart Hydrogel Releasing Immune Adjuvant Synchronized with Repeated Chemotherapy or Radiotherapy to Boost Antitumor Immunity. <i>Advanced Materials</i> , 2021, 33, e2007910.	11.1	123
216	Complement activation by PEGylated single-walled carbon nanotubes is independent of C1q and alternative pathway turnover. <i>Molecular Immunology</i> , 2008, 45, 3797-3803.	1.0	122

#	ARTICLE	IF	CITATIONS
217	Fluorescent N-Doped Carbon Dots as <i>in Vitro</i> and <i>in Vivo</i> Nanothermometer. ACS Applied Materials & Interfaces, 2015, 7, 27324-27330.	4.0	122
218	Nano-Carbons as Theranostics. Theranostics, 2012, 2, 235-237.	4.6	121
219	Mn <sup>2+</sup> -Doped Prussian Blue Nanocubes for Bimodal Imaging and Photothermal Therapy with Enhanced Performance. ACS Applied Materials & Interfaces, 2015, 7, 11575-11582.	4.0	121
220	Near-infrared light and glucose dual-responsive cascading hydroxyl radical generation for in situ gelation and effective breast cancer treatment. Biomaterials, 2020, 228, 119568.	5.7	121
221	Clearable Theranostic Platform with a pH-Independent Chemodynamic Therapy Enhancement Strategy for Synergetic Photothermal Tumor Therapy. ACS Applied Materials & Interfaces, 2019, 11, 18133-18144.	4.0	120
222	Protamine Functionalized Single-Walled Carbon Nanotubes for Stem Cell Labeling and In Vivo Raman/Magnetic Resonance/Photoacoustic Triple-Modal Imaging. Advanced Functional Materials, 2012, 22, 2363-2375.	7.8	119
223	Nanovaccine based on a protein-delivering dendrimer for effective antigen cross-presentation and cancer immunotherapy. Biomaterials, 2019, 207, 1-9.	5.7	118
224	Calming Cytokine Storm in Pneumonia by Targeted Delivery of TPCA-1 Using Platelet-Derived Extracellular Vesicles. Matter, 2020, 3, 287-301.	5.0	117
225	Manganese Dioxide Coated WS <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> Nanocomposites for pH-Responsive MR Imaging and Oxygen-Elevated Synergetic Therapy. Small, 2018, 14, 1702664.	5.2	116
226	Degradable Vanadium Disulfide Nanostructures with Unique Optical and Magnetic Functions for Cancer Theranostics. Angewandte Chemie - International Edition, 2017, 56, 12991-12996.	7.2	115
227	Renal-Clearable PEGylated Porphyrin Nanoparticles for Image-Guided Photodynamic Cancer Therapy. Advanced Functional Materials, 2017, 27, 1702928.	7.8	113
228	Gold Nanorod-Cored Biodegradable Micelles as a Robust and Remotely Controllable Doxorubicin Release System for Potent Inhibition of Drug-Sensitive and -Resistant Cancer Cells. Biomacromolecules, 2013, 14, 2411-2419.	2.6	112
229	Polydopamine Coated Single-Walled Carbon Nanotubes as a Versatile Platform with Radionuclide Labeling for Multimodal Tumor Imaging and Therapy. Theranostics, 2016, 6, 1833-1843.	4.6	112
230	Mesoporous silica nanorods intrinsically doped with photosensitizers as a multifunctional drug carrier for combination therapy of cancer. Nano Research, 2015, 8, 751-764.	5.8	110
231	In Vivo targeting of metastatic breast cancer via tumor vasculature-specific nano-graphene oxide. Biomaterials, 2016, 104, 361-371.	5.7	110
232	Simultaneous isolation and detection of circulating tumor cells with a microfluidic silicon-nanowire-array integrated with magnetic upconversion nanoprobe. Biomaterials, 2015, 54, 55-62.	5.7	106
233	Carrier-free functionalized multidrug nanorods for synergistic cancer therapy. Biomaterials, 2013, 34, 8960-8967.	5.7	104
234	The advancing uses of nano-graphene in drug delivery. Expert Opinion on Drug Delivery, 2015, 12, 601-612.	2.4	104



#	ARTICLE	IF	CITATIONS
235	pH-Responsive Nanoscale Covalent Organic Polymers as a Biodegradable Drug Carrier for Combined Photodynamic Chemotherapy of Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 14475-14482.	4.0	104
236	Fluorinated Polyethylenimine to Enable Transmucosal Delivery of Photosensitizer- $\alpha$ -Conjugated Catalase for Photodynamic Therapy of Orthotopic Bladder Tumors Postintravesical Instillation. <i>Advanced Functional Materials</i> , 2019, 29, 1901932.	7.8	102
237	Bottom-Up Preparation of Uniform Ultrathin Rhenium Disulfide Nanosheets for Image-Guided Photothermal Radiotherapy. <i>Advanced Functional Materials</i> , 2017, 27, 1700250.	7.8	100
238	2D magnetic titanium carbide MXene for cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3541-3548.	2.9	99
239	Tumor- $\rho$ H-Responsive Dissociable Albumin- $\alpha$ -Tamoxifen Nanocomplexes Enabling Efficient Tumor Penetration and Hypoxia Relief for Enhanced Cancer Photodynamic Therapy. <i>Small</i> , 2018, 14, e1803262.	5.2	99
240	Calcium Bisphosphonate Nanoparticles with Chelator-Free Radiolabeling to Deplete Tumor-Associated Macrophages for Enhanced Cancer Radioisotope Therapy. <i>ACS Nano</i> , 2018, 12, 11541-11551.	7.3	98
241	Magnetic Targeting Enhanced Theranostic Strategy Based on Multimodal Imaging for Selective Ablation of Cancer. <i>Advanced Functional Materials</i> , 2014, 24, 2312-2321.	7.8	97
242	Multifunctional $\text{MnO}_2$ nanoparticles for tumor microenvironment modulation and cancer therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1720.	3.3	97
243	J-Aggregates of Organic Dye Molecules Complexed with Iron Oxide Nanoparticles for Imaging-Guided Photothermal Therapy Under 915-nm Light. <i>Small</i> , 2014, 10, 4362-4370.	5.2	96
244	Biodegradable Nanoscale Coordination Polymers for Targeted Tumor Combination Therapy with Oxidative Stress Amplification. <i>Advanced Functional Materials</i> , 2020, 30, 1908865.	7.8	96
245	Near-Infrared-Triggered <i>in Situ</i> Gelation System for Repeatedly Enhanced Photothermal Brachytherapy with a Single Dose. <i>ACS Nano</i> , 2018, 12, 9412-9422.	7.3	95
246	Light-controlled drug release from singlet-oxygen sensitive nanoscale coordination polymers enabling cancer combination therapy. <i>Biomaterials</i> , 2017, 146, 40-48.	5.7	94
247	Activating Layered Metal Oxide Nanomaterials via Structural Engineering as Biodegradable Nanoagents for Photothermal Cancer Therapy. <i>Small</i> , 2021, 17, e2007486.	5.2	94
248	Nano-assemblies of J-aggregates based on a NIR dye as a multifunctional drug carrier for combination cancer therapy. <i>Biomaterials</i> , 2015, 57, 84-92.	5.7	93
249	Albumin-Templated Manganese Dioxide Nanoparticles for Enhanced Radioisotope Therapy. <i>Small</i> , 2017, 13, 1700640.	5.2	92
250	Toward Biomaterials for Enhancing Immune Checkpoint Blockade Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1802540.	7.8	92
251	Functionalization of Graphene Oxide Generates a Unique Interface for Selective Serum Protein Interactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 1370-1377.	4.0	91
252	Sub-100-nm hollow Au-Ag alloy urchin-shaped nanostructure with ultrahigh density of nanotips for photothermal cancer therapy. <i>Biomaterials</i> , 2014, 35, 4099-4107.	5.7	90



#	ARTICLE	IF	CITATIONS
253	Ultra-small iron-gallic acid coordination polymer nanoparticles for chelator-free labeling of <sup>64</sup> Cu and multimodal imaging-guided photothermal therapy. <i>Nanoscale</i> , 2017, 9, 12609-12617.	2.8	90
254	Innovative Strategien für die photodynamische Therapie hypoxischer Tumore. <i>Angewandte Chemie</i> , 2018, 130, 11694-11704.	1.6	90
255	Nanoparticle-Mediated Delivery of Inhaled Immunotherapeutics for Treating Lung Metastasis. <i>Advanced Materials</i> , 2021, 33, e2007557.	11.1	89
256	Bioorthogonal Coordination Polymer Nanoparticles with Aggregation-Induced Emission for Deep Tumor-Penetrating Radio- and Radiodynamic Therapy. <i>Advanced Materials</i> , 2021, 33, e2007888.	11.1	89
257	Tumor vasculature normalization by orally fed erlotinib to modulate the tumor microenvironment for enhanced cancer nanomedicine and immunotherapy. <i>Biomaterials</i> , 2017, 148, 69-80.	5.7	88
258	Functionalized graphene oxide serves as a novel vaccine nano-adjuvant for robust stimulation of cellular immunity. <i>Nanoscale</i> , 2016, 8, 3785-3795.	2.8	87
259	Titanium carbide nanosheets with defect structure for photothermal-enhanced sonodynamic therapy. <i>Bioactive Materials</i> , 2022, 8, 409-419.	8.6	87
260	Photothermal therapy by using titanium oxide nanoparticles. <i>Nano Research</i> , 2016, 9, 1236-1243.	5.8	86
261	Upconversion Composite Nanoparticles for Tumor Hypoxia Modulation and Enhanced Near-Infrared-Triggered Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15494-15503.	4.0	86
262	Reassembly of <sup>89</sup> Zr-Labeled Cancer Cell Membranes into Multicompartment Membrane-Derived Liposomes for PET-Trackable Tumor-Targeted Theranostics. <i>Advanced Materials</i> , 2018, 30, e1704934.	11.1	86
263	MoS <sub>2</sub> -Based Nanoprobes for Detection of Silver Ions in Aqueous Solutions and Bacteria. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 7526-7533.	4.0	85
264	Biomedical polymers: synthesis, properties, and applications. <i>Science China Chemistry</i> , 2022, 65, 1010-1075.	4.2	85
265	Radionuclide I-131 Labeled Albumin-Paclitaxel Nanoparticles for Synergistic Combined Chemo-radioisotope Therapy of Cancer. <i>Theranostics</i> , 2017, 7, 614-623.	4.6	84
266	Nanoscale Coordination Polymer Based Nanovaccine for Tumor Immunotherapy. <i>ACS Nano</i> , 2019, 13, 13127-13135.	7.3	83
267	Folate-conjugated crosslinked biodegradable micelles for receptor-mediated delivery of paclitaxel. <i>Journal of Materials Chemistry</i> , 2011, 21, 5786.	6.7	82
268	Photosensitizer-Modified MnO <sub>2</sub> Nanoparticles to Enhance Photodynamic Treatment of Abscesses and Boost Immune Protection for Treated Mice. <i>Small</i> , 2020, 16, e2000589.	5.2	82
269	cRGD-directed, NIR-responsive and robust AuNR/PEG-PCL hybrid nanoparticles for targeted chemotherapy of glioblastoma in vivo. <i>Journal of Controlled Release</i> , 2014, 195, 63-71.	4.8	81
270	NIR-II light activated photodynamic therapy with protein-capped gold nanoclusters. <i>Nano Research</i> , 2018, 11, 5657-5669.	5.8	81

#	ARTICLE	IF	CITATIONS
271	Bimetallic Oxide FeWO <sub>4</sub> Nanosheets as Multifunctional Cascade Bioreactors for Tumor Microenvironment Modulation and Enhanced Multimodal Cancer Therapy. <i>Advanced Functional Materials</i> , 2020, 30, 2002753.	7.8	80
272	V-TiO <sub>2</sub> nanospindles with regulating tumor microenvironment performance for enhanced sonodynamic cancer therapy. <i>Applied Physics Reviews</i> , 2020, 7, .	5.5	79
273	All-in-One Theranostic Nanoplatfrom Based on Hollow TaOx for Chelator-Free Labeling Imaging, Drug Delivery, and Synergistically Enhanced Radiotherapy. <i>Advanced Functional Materials</i> , 2016, 26, 8243-8254.	7.8	78
274	Albumin-templated biomineralizing growth of composite nanoparticles as smart nano-theranostics for enhanced radiotherapy of tumors. <i>Nanoscale</i> , 2017, 9, 14826-14835.	2.8	77
275	Two-dimensional metal-organic-framework as a unique theranostic nano-platfrom for nuclear imaging and chemo-photodynamic cancer therapy. <i>Nano Research</i> , 2019, 12, 1307-1312.	5.8	77
276	Biomimetic Copper Sulfide for Chemo-Radiotherapy: Enhanced Uptake and Reduced Efflux of Nanoparticles for Tumor Cells under Ionizing Radiation. <i>Advanced Functional Materials</i> , 2018, 28, 1705161.	7.8	75
277	Oxaliplatin-/NLC919 prodrugs-constructed liposomes for effective chemo-immunotherapy of colorectal cancer. <i>Biomaterials</i> , 2020, 255, 120190.	5.7	75
278	Ultrabright and ultrastable near-infrared dye nanoparticles for in vitro and in vivo bioimaging. <i>Biomaterials</i> , 2012, 33, 7803-7809.	5.7	74
279	Nanoscale covalent organic polymers as a biodegradable nanomedicine for chemotherapy-enhanced photodynamic therapy of cancer. <i>Nano Research</i> , 2018, 11, 3244-3257.	5.8	74
280	Nanoscale CaH <sub>2</sub> materials for synergistic hydrogen-immune cancer therapy. <i>CheM</i> , 2022, 8, 268-286.	5.8	74
281	Renal-Clearable Ultrasmall Coordination Polymer Nanodots for Chelator-Free <sup>64</sup> Cu-Labeling and Imaging-Guided Enhanced Radiotherapy of Cancer. <i>ACS Nano</i> , 2017, 11, 9103-9111.	7.3	73
282	One-pot synthesis of pH-responsive charge-switchable PEGylated nanoscale coordination polymers for improved cancer therapy. <i>Biomaterials</i> , 2018, 156, 121-133.	5.7	73
283	Nanoscale metal-organic frameworks and coordination polymers as theranostic platforms for cancer treatment. <i>Coordination Chemistry Reviews</i> , 2019, 398, 113009.	9.5	73
284	Biodegradable Fe-Doped Vanadium Disulfide Theranostic Nanosheets for Enhanced Sonodynamic/Chemodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 52370-52382.	4.0	73
285	Porous Pt nanoparticles loaded with doxorubicin to enable synergistic Chemo-/Electrodynamic Therapy. <i>Biomaterials</i> , 2020, 255, 120202.	5.7	73
286	PEGylated FePt@Fe <sub>2</sub> O <sub>3</sub> core-shell magnetic nanoparticles: Potential theranostic applications and in vivo toxicity studies. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 1077-1088.	1.7	72
287	VEGFR targeting leads to significantly enhanced tumor uptake of nanographene oxide in vivo. <i>Biomaterials</i> , 2015, 39, 39-46.	5.7	72
288	Tumor-killing nanoreactors fueled by tumor debris can enhance radiofrequency ablation therapy and boost antitumor immune responses. <i>Nature Communications</i> , 2021, 12, 4299.	5.8	72

#	ARTICLE	IF	CITATIONS
289	Mesenchymal Stem Cell-Derived Extracellular Vesicles with High PD-L1 Expression for Autoimmune Diseases Treatment. <i>Advanced Materials</i> , 2022, 34, e2106265.	11.1	72
290	Au@MnS@ZnS Core/Shell/Shell Nanoparticles for Magnetic Resonance Imaging and Enhanced Cancer Radiation Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 9557-9564.	4.0	70
291	Photosensitizer cross-linked nano-micelle platform for multimodal imaging guided synergistic photothermal/photodynamic therapy. <i>Nanoscale</i> , 2016, 8, 15323-15339.	2.8	70
292	Cerenkov Luminescence-Induced NO Release from <sup>32</sup> P-Labeled ZnFe(CN) <sub>5</sub> NO Nanosheets to Enhance Radioisotope-Immunotherapy. <i>Matter</i> , 2019, 1, 1061-1076.	5.0	70
293	Albumin-Assisted Synthesis of Ultrasmall FeS <sub>2</sub> Nanodots for Imaging-Guided Photothermal Enhanced Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 332-340.	4.0	69
294	Oxygen-Deficient Bimetallic Oxide FeWO <sub>x</sub> Nanosheets as Peroxidase-Like Nanozyme for Sensing Cancer via Photoacoustic Imaging. <i>Small</i> , 2020, 16, e2003496.	5.2	68
295	Multilayer Dual-Polymer-Coated Upconversion Nanoparticles for Multimodal Imaging and Serum-Enhanced Gene Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 10381-10388.	4.0	67
296	Platelets as platforms for inhibition of tumor recurrence post-physical therapy by delivery of anti-PD-L1 checkpoint antibody. <i>Journal of Controlled Release</i> , 2019, 304, 233-241.	4.8	66
297	An implantable blood clot-based immune niche for enhanced cancer vaccination. <i>Science Advances</i> , 2020, 6, .	4.7	66
298	Sonodynamic therapy with immune modulatable two-dimensional coordination nanosheets for enhanced anti-tumor immunotherapy. <i>Nano Research</i> , 2021, 14, 212-221.	5.8	66
299	Chelator-Free Radiolabeling of Nanographene: Breaking the Stereotype of Chelation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2889-2892.	7.2	65
300	Aptamer-conjugated upconversion nanoprobe assisted by magnetic separation for effective isolation and sensitive detection of circulating tumor cells. <i>Nano Research</i> , 2014, 7, 1327-1336.	5.8	64
301	Near-infrared light-activated cancer cell targeting and drug delivery with aptamer-modified nanostructures. <i>Nano Research</i> , 2016, 9, 139-148.	5.8	64
302	Aptamer-Based Logic Computing Reaction on Living Cells to Enable Non-Antibody Immune Checkpoint Blockade Therapy. <i>Journal of the American Chemical Society</i> , 2021, 143, 8391-8401.	6.6	64
303	Comparison of nanomedicine-based chemotherapy, photodynamic therapy and photothermal therapy using reduced graphene oxide for the model system. <i>Biomaterials Science</i> , 2017, 5, 331-340.	2.6	63
304	pH-Sensitive Dissociable Nanoscale Coordination Polymers with Drug Loading for Synergistically Enhanced Chemoradiotherapy. <i>Advanced Functional Materials</i> , 2017, 27, 1703832.	7.8	63
305	Injectable Anti-inflammatory Nanofiber Hydrogel to Achieve Systemic Immunotherapy Post Local Administration. <i>Nano Letters</i> , 2020, 20, 6763-6773.	4.5	63
306	Carrier-free, functionalized drug nanoparticles for targeted drug delivery. <i>Chemical Communications</i> , 2012, 48, 8120.	2.2	62

#	ARTICLE	IF	CITATIONS
307	Drug-Loaded Mesoporous Tantalum Oxide Nanoparticles for Enhanced Synergetic Chemoradiotherapy with Reduced Systemic Toxicity. <i>Small</i> , 2017, 13, 1602869.	5.2	62
308	Re-assessing the enhanced permeability and retention effect in peripheral arterial disease using radiolabeled long circulating nanoparticles. <i>Biomaterials</i> , 2016, 100, 101-109.	5.7	61
309	Advances in imaging strategies for in vivo tracking of exosomes. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1594.	3.3	61
310	Ultrasound-Mediated Remotely Controlled Nanovaccine Delivery for Tumor Vaccination and Individualized Cancer Immunotherapy. <i>Nano Letters</i> , 2021, 21, 1228-1237.	4.5	61
311	Highly Effective Radioisotope Cancer Therapy with a Non-Therapeutic Isotope Delivered and Sensitized by Nanoscale Coordination Polymers. <i>ACS Nano</i> , 2018, 12, 7519-7528.	7.3	59
312	In situ thermal ablation of tumors in combination with nano-adjuvant and immune checkpoint blockade to inhibit cancer metastasis and recurrence. <i>Biomaterials</i> , 2019, 224, 119490.	5.7	59
313	Long circulating reduced graphene oxide-iron oxide nanoparticles for efficient tumor targeting and multimodality imaging. <i>Nanoscale</i> , 2016, 8, 12683-12692.	2.8	58
314	Nanoparticle-mediated internal radioisotope therapy to locally increase the tumor vasculature permeability for synergistically improved cancer therapies. <i>Biomaterials</i> , 2019, 197, 368-379.	5.7	58
315	Photoactivated H <sub>2</sub> Nanogenerator for Enhanced Chemotherapy of Bladder Cancer. <i>ACS Nano</i> , 2020, 14, 8135-8148.	7.3	58
316	Fluorinated Polymer Mediated Transmucosal Peptide Delivery for Intravesical Instillation Therapy of Bladder Cancer. <i>Small</i> , 2019, 15, e1900936.	5.2	57
317	DNA-Edited Ligand Positioning on Red Blood Cells to Enable Optimized T Cell Activation for Adoptive Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14842-14853.	7.2	57
318	Bacteria-derived membrane vesicles to advance targeted photothermal tumor ablation. <i>Biomaterials</i> , 2021, 268, 120550.	5.7	57
319	Perfluorocarbon loaded fluorinated covalent organic polymers with effective sonosensitization and tumor hypoxia relief enable synergistic sonodynamic-immunotherapy. <i>Biomaterials</i> , 2022, 280, 121250.	5.7	57
320	Core-shell and co-doped nanoscale metal-organic particles (NMOPs) obtained via post-synthesis cation exchange for multimodal imaging and synergistic thermo-radiotherapy. <i>NPG Asia Materials</i> , 2017, 9, e344-e344.	3.8	56
321	Surface-Engineering of Red Blood Cells as Artificial Antigen Presenting Cells Promising for Cancer Immunotherapy. <i>Small</i> , 2017, 13, 1701864.	5.2	56
322	Collagenase-Encapsulated pH-Responsive Nanoscale Coordination Polymers for Tumor Microenvironment Modulation and Enhanced Photodynamic Nanomedicine. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 43493-43502.	4.0	56
323	Two-dimensional silicene composite nanosheets enable exogenous/endogenous-responsive and synergistic hyperthermia-augmented catalytic tumor theranostics. <i>Biomaterials</i> , 2020, 256, 120206.	5.7	55
324	Tumor microenvironment-responsive dynamic inorganic nanoassemblies for cancer imaging and treatment. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114004.	6.6	55

#	ARTICLE	IF	CITATIONS
325	Self-assembly of BODIPY based pH-sensitive near-infrared polymeric micelles for drug controlled delivery and fluorescence imaging applications. <i>Nanoscale</i> , 2015, 7, 16399-16416.	2.8	54
326	Rhenium-188 Labeled Tungsten Disulfide Nanoflakes for Self-Sensitized, Near-Infrared Enhanced Radioisotope Therapy. <i>Small</i> , 2016, 12, 3967-3975.	5.2	54
327	Photonic/magnetic hyperthermia-synergistic nanocatalytic cancer therapy enabled by zero-valence iron nanocatalysts. <i>Biomaterials</i> , 2019, 219, 119374.	5.7	54
328	Tumor microenvironment (TME)-activatable circular aptamer-PEG as an effective hierarchical-targeting molecular medicine for photodynamic therapy. <i>Biomaterials</i> , 2020, 246, 119971.	5.7	54
329	Coordination Polymer-Coated CaCO <sub>3</sub> Reinforces Radiotherapy by Reprogramming the Immunosuppressive Metabolic Microenvironment. <i>Advanced Materials</i> , 2022, 34, e2106520.	11.1	54
330	High-resolution, serial intravital microscopic imaging of nanoparticle delivery and targeting in a small animal tumor model. <i>Nano Today</i> , 2013, 8, 126-137.	6.2	53
331	Photosensitizer Decorated Red Blood Cells as an Ultrasensitive Light-Responsive Drug Delivery System. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 5855-5863.	4.0	53
332	In Situ Formed Fibrin Scaffold with Cyclophosphamide to Synergize with Immune Checkpoint Blockade for Inhibition of Cancer Recurrence after Surgery. <i>Advanced Functional Materials</i> , 2020, 30, 1906922.	7.8	53
333	A general in-situ reduction method to prepare core-shell liquid-metal / metal nanoparticles for photothermally enhanced catalytic cancer therapy. <i>Biomaterials</i> , 2021, 277, 121125.	5.7	52
334	Bioinspired tumor-homing nanosystem for precise cancer therapy via reprogramming of tumor-associated macrophages. <i>NPG Asia Materials</i> , 2018, 10, 1002-1015.	3.8	51
335	Biodegradable CoS <sub>2</sub> nanoclusters for photothermal-enhanced chemodynamic therapy. <i>Applied Materials Today</i> , 2020, 18, 100464.	2.3	51
336	Readout-segmented echo-planar imaging in the evaluation of sinonasal lesions: A comprehensive comparison of image quality in single-shot echo-planar imaging. <i>Magnetic Resonance Imaging</i> , 2016, 34, 166-172.	1.0	50
337	Mechanically active adhesive and immune regulative dressings for wound closure. <i>Matter</i> , 2021, 4, 2985-3000.	5.0	50
338	Smart Nanomedicine to Enable Crossing Blood-Brain Barrier Delivery of Checkpoint Blockade Antibody for Immunotherapy of Glioma. <i>ACS Nano</i> , 2022, 16, 664-674.	7.3	49
339	Amphiphilic copolymer coated upconversion nanoparticles for near-infrared light-triggered dual anticancer treatment. <i>Nanoscale</i> , 2014, 6, 14903-14910.	2.8	48
340	Accelerated Blood Clearance Phenomenon Reduces the Passive Targeting of PEGylated Nanoparticles in Peripheral Arterial Disease. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 17955-17963.	4.0	48
341	Iodine-131-labeled, transferrin-capped polypyrrole nanoparticles for tumor-targeted synergistic photothermal-radioisotope therapy. <i>Biomaterials Science</i> , 2017, 5, 1828-1835.	2.6	48
342	Facile preparation of uniform FeSe <sub>2</sub> nanoparticles for PA/MR dual-modal imaging and photothermal cancer therapy. <i>Nanoscale</i> , 2015, 7, 20757-20768.	2.8	47

#	ARTICLE	IF	CITATIONS
343	Surfactant-Stripped Micelles of Near Infrared Dye and Paclitaxel for Photoacoustic Imaging Guided Photothermal-Chemotherapy. <i>Small</i> , 2018, 14, e1802991.	5.2	47
344	Ultrasound-Responsive Conversion of Microbubbles to Nanoparticles to Enable Background-Free in Vivo Photoacoustic Imaging. <i>Nano Letters</i> , 2019, 19, 8109-8117.	4.5	47
345	The enhanced permeability and retention effect based nanomedicine at the site of injury. <i>Nano Research</i> , 2020, 13, 564-569.	5.8	46
346	CaCO <sub>3</sub> -Assisted Preparation of pH-Responsive Immune-Modulating Nanoparticles for Augmented Chemo-Immunotherapy. <i>Nano-Micro Letters</i> , 2021, 13, 29.	14.4	46
347	Size-controllable self-assembly of metal nanoparticles on carbon nanostructures in room-temperature ionic liquids by simple sputtering deposition. <i>Carbon</i> , 2012, 50, 3008-3014.	5.4	45
348	Degradable Vanadium Disulfide Nanostructures with Unique Optical and Magnetic Functions for Cancer Theranostics. <i>Angewandte Chemie</i> , 2017, 129, 13171-13176.	1.6	45
349	Core-shell TaOx@MnO <sub>2</sub> nanoparticles as a nano-radiosensitizer for effective cancer radiotherapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2250-2257.	2.9	45
350	Engineering bioluminescent bacteria to boost photodynamic therapy and systemic anti-tumor immunity for synergistic cancer treatment. <i>Biomaterials</i> , 2022, 281, 121332.	5.7	44
351	Immunosonodynamic Therapy Designed with Activatable Sonosensitizer and Immune Stimulant Imiquimod. <i>ACS Nano</i> , 2022, 16, 10979-10993.	7.3	43
352	Synthesis of Janus Au@periodic mesoporous organosilica (PMO) nanostructures with precisely controllable morphology: a seed-shape defined growth mechanism. <i>Nanoscale</i> , 2017, 9, 4826-4834.	2.8	42
353	Development of a thermosensitive protein conjugated nanogel for enhanced radio-chemotherapy of cancer. <i>Nanoscale</i> , 2018, 10, 13976-13985.	2.8	42
354	Mesoporous silica decorated with platinum nanoparticles for drug delivery and synergistic electrodynamic-chemotherapy. <i>Nano Research</i> , 2020, 13, 2209-2215.	5.8	42
355	Magnesium galvanic cells produce hydrogen and modulate the tumor microenvironment to inhibit cancer growth. <i>Nature Communications</i> , 2022, 13, 2336.	5.8	42
356	Inorganic nanomaterials for tumor angiogenesis imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 147-163.	3.3	41
357	In vitro and in vivo photothermally enhanced chemotherapy by single-walled carbon nanohorns as a drug delivery system. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4726-4732.	2.9	41
358	Injectable Nonmagnetic Liquid Metal for Eddy-Induced Thermal Ablation of Tumors under Alternating Magnetic Field. <i>Small Methods</i> , 2020, 4, 2000147.	4.6	41
359	Ultra-small natural product based coordination polymer nanodots for acute kidney injury relief. <i>Materials Horizons</i> , 2021, 8, 1314-1322.	6.4	41
360	Nanovaccines with cell-derived components for cancer immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2022, 182, 114107.	6.6	41



#	ARTICLE	IF	CITATIONS
361	Targeting Endogenous Hydrogen Peroxide at Bone Defects Promotes Bone Repair. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	41
362	Ultra-small Pyropheophorbide Nanodots for Near-infrared Fluorescence/Photoacoustic Imaging-guided Photodynamic Therapy. <i>Theranostics</i> , 2020, 10, 62-73.	4.6	40
363	Metal-polyphenol-network coated CaCO <sub>3</sub> as pH-responsive nanocarriers to enable effective intratumoral penetration and reversal of multidrug resistance for augmented cancer treatments. <i>Nano Research</i> , 2020, 13, 3057-3067.	5.8	40
364	Platinum nanoworms for imaging-guided combined cancer therapy in the second near-infrared window. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5069-5079.	2.9	39
365	Biomaterial-mediated internal radioisotope therapy. <i>Materials Horizons</i> , 2021, 8, 1348-1366.	6.4	39
366	Novel Multifunctional Stimuli-Responsive Nanoparticles for Synergetic Chemo-Photothermal Therapy of Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 28802-28817.	4.0	39
367	Equipping Cancer Cell Membrane Vesicles with Functional DNA as a Targeted Vaccine for Cancer Immunotherapy. <i>Nano Letters</i> , 2021, 21, 9410-9418.	4.5	39
368	Specific Detection and Simultaneously Localized Photothermal Treatment of Cancer Cells Using Layer-by-Layer Assembled Multifunctional Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 6443-6452.	4.0	38
369	High-contrast in vivo visualization of microvessels using novel FeCo/GC magnetic nanocrystals. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 1497-1509.	1.9	37
370	In vivo fluorescence imaging of hepatocellular carcinoma using a novel GPC3-specific aptamer probe. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 151-160.	1.1	37
371	Patterned Substrates of Nano-Graphene Oxide Mediating Highly Localized and Efficient Gene Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 5900-5907.	4.0	36
372	Ferroferric oxide nanoparticles induce prosurvival autophagy in human blood cells by modulating the Beclin 1/Bcl-2/VPS34 complex. <i>International Journal of Nanomedicine</i> , 2015, 10, 207.	3.3	36
373	Magnetic Field-Enhanced Photothermal Ablation of Tumor Sentinel Lymph Nodes to Inhibit Cancer Metastasis. <i>Small</i> , 2015, 11, 4856-4863.	5.2	36
374	Human amniotic fluid stem cells labeled with up-conversion nanoparticles for imaging-monitored repairing of acute lung injury. <i>Biomaterials</i> , 2016, 100, 91-100.	5.7	36
375	Engineering two-dimensional silicene composite nanosheets for dual-sensitized and photonic hyperthermia-augmented cancer radiotherapy. <i>Biomaterials</i> , 2021, 269, 120455.	5.7	36
376	Graphene Oxide Selectively Enhances Thermostability of Trypsin. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 12270-12277.	4.0	35
377	Biodegradable magnesium alloy with eddy thermal effect for effective and accurate magnetic hyperthermia ablation of tumors. <i>National Science Review</i> , 2021, 8, nwa122.	4.6	35
378	Reactive Oxygen Species Scavenging Sutures for Enhanced Wound Sealing and Repair. <i>Small Structures</i> , 2021, 2, 2100002.	6.9	35



#	ARTICLE	IF	CITATIONS
379	Dualâ€Polymerâ€Functionalized Nanoscale Graphene Oxide as a Highly Effective Gene Transfection Agent for Insect Cells with Cellâ€Typeâ€Dependent Cellular Uptake Mechanisms. Particle and Particle Systems Characterization, 2013, 30, 794-803.	1.2	34
380	Postoperative executive function in adult moyamoya disease: a preliminary study of its functional anatomy and behavioral correlates. Journal of Neurosurgery, 2017, 126, 527-536.	0.9	34
381	Chelator-Free Labeling of Metal Oxide Nanostructures with Zirconium-89 for Positron Emission Tomography Imaging. ACS Nano, 2017, 11, 12193-12201.	7.3	34
382	Magnetic nanomaterials with near-infrared pH-activatable fluorescence via iron-catalyzed AGET ATRP for tumor acidic microenvironment imaging. Journal of Materials Chemistry B, 2015, 3, 2786-2800.	2.9	33
383	Nanoparticleâ€Embedded Electrospun Fiberâ€Covered Stent to Assist Intraluminal Photodynamic Treatment of Oesophageal Cancer. Small, 2019, 15, e1904979.	5.2	33
384	Injectable Reactive Oxygen Species-Responsive SN38 Prodrug Scaffold with Checkpoint Inhibitors for Combined Chemoimmunotherapy. ACS Applied Materials & Interfaces, 2020, 12, 50248-50259.	4.0	33
385	Defect engineering of 2D BiOCl nanosheets for photonic tumor ablation. Nanoscale Horizons, 2020, 5, 857-868.	4.1	33
386	DNA-Based MXFs to Enhance Radiotherapy and Stimulate Robust Antitumor Immune Responses. Nano Letters, 2022, 22, 2826-2834.	4.5	33
387	A GPC3-specific aptamer-mediated magnetic resonance probe for hepatocellular carcinoma. International Journal of Nanomedicine, 2018, Volume 13, 4433-4443.	3.3	32
388	Hybrid Protein Nanoâ€Reactors Enable Simultaneous Increments of Tumor Oxygenation and Iodineâ€131 Delivery for Enhanced Radionuclide Therapy. Small, 2019, 15, e1903628.	5.2	32
389	Take Immune Cells Back on Track: Glycopolymer-Engineered Tumor Cells for Triggering Immune Response. ACS Macro Letters, 2019, 8, 337-344.	2.3	32
390	Stem Cell Labeling and Tracking with Nanoparticles. Particle and Particle Systems Characterization, 2013, 30, 1006-1017.	1.2	31
391	Facile Preparation of Multifunctional WS <sub>2</sub> /WO <sub>x</sub> Nanodots for Chelator-Free <sup>89</sup> Zr-Labeling and In Vivo PET Imaging. Small, 2016, 12, 5750-5758.	5.2	31
392	NIR organic dyes based on phenazine-cyanine for photoacoustic imaging-guided photothermal therapy. Journal of Materials Chemistry B, 2018, 6, 7420-7426.	2.9	31
393	Intelligent protein-coated bismuth sulfide and manganese oxide nanocomposites obtained by biomineralization for multimodal imaging-guided enhanced tumor therapy. Journal of Materials Chemistry B, 2019, 7, 5170-5181.	2.9	31
394	Ferrous ions doped calcium carbonate nanoparticles potentiate chemotherapy by inducing ferroptosis. Journal of Controlled Release, 2022, 348, 346-356.	4.8	31
395	Carrier-free, water dispersible and highly luminescent dye nanoparticles for targeted cell imaging. Nanoscale, 2012, 4, 5373.	2.8	30
396	Carbon nanotubes in biology and medicine: An overview. Science Bulletin, 2012, 57, 167-180.	1.7	30

#	ARTICLE	IF	CITATIONS
397	Supramolecular self-assembly enhanced europium(III) luminescence under visible light. <i>Soft Matter</i> , 2014, 10, 4686.	1.2	29
398	Label-free, Quantitative Imaging of MoS <sub>2</sub> Nanosheets in Live Cells with Simultaneous Stimulated Raman Scattering and Transient Absorption Microscopy. <i>Advanced Biology</i> , 2017, 1, e1700013.	3.0	29
399	High-yield synthesis of gold bipyramids for in vivo CT imaging and photothermal cancer therapy with enhanced thermal stability. <i>Chemical Engineering Journal</i> , 2019, 378, 122025.	6.6	29
400	Polyoxomolybdate (POM) nanoclusters with radiosensitizing and scintillating properties for low dose X-ray inducible radiation-radiodynamic therapy. <i>Nanoscale Horizons</i> , 2020, 5, 109-118.	4.1	29
401	Immunosuppressive Nanoparticles for Management of Immune-Related Adverse Events in Liver. <i>ACS Nano</i> , 2021, 15, 9111-9125.	7.3	29
402	In Vivo Biodistribution, Pharmacokinetics, and Toxicology of Carbon Nanotubes. <i>Current Drug Metabolism</i> , 2012, 13, 1057-1067.	0.7	28
403	A versatile Fe <sub>3</sub> O <sub>4</sub> -based platform via iron-catalyzed AGET ATRP: towards various multifunctional nanomaterials. <i>Polymer Chemistry</i> , 2014, 5, 638-645.	1.9	28
404	Functionalized graphene oxide in microbial engineering: An effective stimulator for bacterial growth. <i>Carbon</i> , 2016, 103, 172-180.	5.4	28
405	Guiding Drug Through Interrupted Bloodstream for Potentiated Thrombolysis by C-shaped Magnetic Actuation System In Vivo. <i>Advanced Materials</i> , 2021, 33, e2105351.	11.1	28
406	Recent advances in functional nanomaterials for X-ray triggered cancer therapy. <i>Progress in Natural Science: Materials International</i> , 2020, 30, 567-576.	1.8	27
407	Albumin-Based Therapeutics Capable of Glutathione Consumption and Hydrogen Peroxide Generation for Synergetic Chemodynamic and Chemotherapy of Cancer. <i>ACS Nano</i> , 2022, 16, 2319-2329.	7.3	27
408	Non-blinking, highly luminescent, pH- and heavy-metal-ion-stable organic nanodots for bio-imaging. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3144.	2.9	26
409	Protein-engineered Biomaterials for Cancer Theranostics. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800913.	3.9	26
410	Surfactant-stripped J-aggregates of azaBODIPY derivatives: All-in-one phototheranostics in the second near infrared window. <i>Journal of Controlled Release</i> , 2020, 326, 256-264.	4.8	26
411	Protein-drug conjugate programmed by pH-reversible linker for tumor hypoxia relief and enhanced cancer combination therapy. <i>International Journal of Pharmaceutics</i> , 2020, 582, 119321.	2.6	26
412	Metallic oxide nanocrystals with near-infrared plasmon resonance for efficient, stable and biocompatible photothermal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7393-7402.	2.9	25
413	Perfluorocarbon nanodroplets stabilized with cisplatin-prodrug-constructed lipids enable efficient tumor oxygenation and chemo-radiotherapy of cancer. <i>Nanoscale</i> , 2020, 12, 14764-14774.	2.8	25
414	Immunogenic nanomedicine based on GSH-responsive nanoscale covalent organic polymers for chemo-sonodynamic therapy. <i>Biomaterials</i> , 2022, 283, 121428.	5.7	25

#	ARTICLE	IF	CITATIONS
415	Magnetic PEGylated Pt3Co nanoparticles as a novel MR contrast agent: in vivo MR imaging and long-term toxicity study. <i>Nanoscale</i> , 2013, 5, 12464.	2.8	23
416	Cell-Penetrating Peptide Enhanced Antigen Presentation for Cancer Immunotherapy. <i>Bioconjugate Chemistry</i> , 2019, 30, 2115-2126.	1.8	23
417	Construction of Enzyme Nanoreactors to Enable Tumor Microenvironment Modulation and Enhanced Cancer Treatment. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001167.	3.9	23
418	Biological membrane derived nanomedicines for cancer therapy. <i>Science China Chemistry</i> , 2021, 64, 719-733.	4.2	23
419	Facile Fabrication of Biocompatible and Tunable Multifunctional Nanomaterials via Iron-Mediated Atom Transfer Radical Polymerization with Activators Generated by Electron Transfer. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 9663-9669.	4.0	22
420	Controlled release of immunotherapeutics for enhanced cancer immunotherapy after local delivery. <i>Journal of Controlled Release</i> , 2021, 329, 882-893.	4.8	22
421	Injectable Immunotherapeutic Thermogel for Enhanced Immunotherapy Post Tumor Radiofrequency Ablation. <i>Small</i> , 2021, 17, e2104773.	5.2	22
422	Bifunctional nanoparticles with magnetism and NIR fluorescence: controlled synthesis from combination of AGET ATRP and "click" reaction. <i>Nanotechnology</i> , 2014, 25, 045602.	1.3	21
423	Renal Clearable Ru-based Coordination Polymer Nanodots for Photoacoustic Imaging Guided Cancer Therapy. <i>Theranostics</i> , 2019, 9, 8266-8276.	4.6	21
424	Thermo-triggered In Situ Chitosan-Based Gelation System for Repeated and Enhanced Sonodynamic Therapy Post a Single Injection. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001208.	3.9	21
425	DNA Engineered Lymphocyte-Based Homologous Targeting Artificial Antigen-Presenting Cells for Personalized Cancer Immunotherapy. <i>Journal of the American Chemical Society</i> , 2022, 144, 7634-7645.	6.6	21
426	Carbon nanotubes for in vivo cancer nanotechnology. <i>Science China Chemistry</i> , 2010, 53, 2217-2225.	4.2	20
427	The advantage of reversible coordination polymers in producing visible light sensitized Eu(III) emissions over EDTA via excluding water from the coordination sphere. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16641.	1.3	20
428	Vitamin C supramolecular hydrogel for enhanced cancer immunotherapy. <i>Biomaterials</i> , 2022, 287, 121673.	5.7	20
429	Imaging: PEGylated WS2 Nanosheets as a Multifunctional Theranostic Agent for in vivo Dual-Modal CT/Photoacoustic Imaging Guided Photothermal Therapy ( <i>Adv. Mater.</i> 12/2014). <i>Advanced Materials</i> , 2014, 26, 1794-1794.	11.1	19
430	Chemiluminescent Nanosystems for Imaging Cancer Chemodynamic Therapy. <i>CheM</i> , 2020, 6, 2127-2129.	5.8	19
431	Coordination Polymers Integrating Metalloimmunology with Immune Modulation to Elicit Robust Cancer Chemoimmunotherapy. <i>CCS Chemistry</i> , 2021, 3, 2629-2642.	4.6	19
432	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

#	ARTICLE	IF	CITATIONS
433	Photodynamic creation of artificial tumor microenvironments to collectively facilitate hypoxia-activated chemotherapy delivered by coagulation-targeting liposomes. <i>Chemical Engineering Journal</i> , 2021, 414, 128731.	6.6	18
434	Stimulation of immune systems by conjugated polymers and their potential as an alternative vaccine adjuvant. <i>Nanoscale</i> , 2015, 7, 19282-19292.	2.8	17
435	Radiotherapy assisted with biomaterials to trigger antitumor immunity. <i>Chinese Chemical Letters</i> , 2022, 33, 4169-4174.	4.8	17
436	Carrier-free, functionalized pure drug nanorods as a novel cancer-targeted drug delivery platform. <i>Nanotechnology</i> , 2013, 24, 015103.	1.3	16
437	Controllable growth of Au nanostructures onto MoS <sub>2</sub> nanosheets for dual-modal imaging and photothermal-radiation combined therapy. <i>Nanoscale</i> , 2019, 11, 22788-22795.	2.8	16
438	Redox chemistry-enabled stepwise surface dual nanoparticle engineering of 2D MXenes for tumor-sensitive <sup>1</sup> T <sub>1</sub> and <sup>2</sup> T <sub>2</sub> MRI-guided photonic breast-cancer hyperthermia in the NIR-II biowindow. <i>Biomaterials Science</i> , 2022, 10, 1562-1574.	2.6	16
439	Functionalized graphene oxide triggers cell cycle checkpoint control through both the ATM and the ATR signaling pathways. <i>Carbon</i> , 2018, 129, 495-503.	5.4	15
440	CaCO <sub>3</sub> -Encapsulated Microspheres for Enhanced Transhepatic Arterial Embolization Treatment of Hepatocellular Carcinoma. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100748.	3.9	15
441	Research Spotlight: Upconversion nanoparticles for potential cancer theranostics. <i>Therapeutic Delivery</i> , 2011, 2, 1235-1239.	1.2	14
442	Molecular domino reactor built by automated modular synthesis for cancer treatment. <i>Theranostics</i> , 2020, 10, 4030-4041.	4.6	14
443	Antitumor Agents Based on Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2021, 133, 16901-16914.	1.6	14
444	Fluorinated Chitosan Mediated Synthesis of Copper Selenide Nanoparticles with Enhanced Penetration for Second Near-Infrared Photothermal Therapy of Bladder Cancer. <i>Advanced Therapeutics</i> , 2021, 4, 2100043.	1.6	14
445	Synthesis of a UCNPs@SiO <sub>2</sub> @gadofullerene nanocomposite and its application in UCL/MR bimodal imaging. <i>RSC Advances</i> , 2016, 6, 98968-98974.	1.7	13
446	Lipid-Coated CaCO <sub>3</sub> Nanoparticles as a Versatile pH-Responsive Drug Delivery Platform to Enable Combined Chemotherapy of Breast Cancer. <i>ACS Applied Bio Materials</i> , 2022, 5, 1194-1201.	2.3	13
447	A Versatile "Click Chemistry" Route to Size-Restricted, Robust, and Functionalizable Hydrophilic Nanocrystals. <i>Small</i> , 2015, 11, 1644-1648.	5.2	12
448	Degradable Molybdenum Oxide Nanosheets with Rapid Clearance and Efficient Tumor Homing Capabilities as a Therapeutic Nanoplatfrom. <i>Angewandte Chemie</i> , 2016, 128, 2162-2166.	1.6	12
449	Transmucosal Delivery of Self-Assembling Photosensitizer-Nitazoxanide Nanocomplexes with Fluorinated Chitosan for Instillation-Based Photodynamic Therapy of Orthotopic Bladder Tumors. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 1485-1495.	2.6	12
450	Percutaneous implantation of ethanol fueled catalytic hydrogel suppresses tumor growth by triggering ferroptosis. <i>Materials Today</i> , 2022, 55, 7-20.	8.3	12

#	ARTICLE	IF	CITATIONS
451	Albumin-binding lipid-aptamer conjugates for cancer immunoimaging and immunotherapy. <i>Science China Chemistry</i> , 2022, 65, 574-583.	4.2	12
452	Two-phase releasing immune-stimulating composite orchestrates protection against microbial infections. <i>Biomaterials</i> , 2021, 277, 121106.	5.7	11
453	Collagen-targeted tumor-specific transepithelial penetration enhancer mediated intravesical chemoimmunotherapy for non-muscle-invasive bladder cancer. <i>Biomaterials</i> , 2022, 283, 121422.	5.7	11
454	Cancer Therapy: Perfluorocarbon-Loaded Hollow Bi <sub>2</sub> Se <sub>3</sub> Nanoparticles for Timely Supply of Oxygen under Near-Infrared Light to Enhance the Radiotherapy of Cancer (Adv. Mater. 14/2016). <i>Advanced Materials</i> , 2016, 28, 2654-2654.	11.1	10
455	Effect of the Temperature on NO Release Characteristics in an O <sub>2</sub> /CO <sub>2</sub> Atmosphere during Coal Combustion. <i>Energy &amp; Fuels</i> , 2020, 34, 842-852.	2.5	10
456	Two Dimensional Transitional Metal Dichalcogenides for Biomedical Applications. <i>Acta Chimica Sinica</i> , 2015, 73, 902.	0.5	10
457	Epigenetic Platinum Complexes Breaking the "Eat Me/Don't Eat Me" Balance for Enhanced Cancer Chemoimmunotherapy. <i>Bioconjugate Chemistry</i> , 2022, 33, 343-352.	1.8	10
458	Phthalocyanine iron nanodots for combined chemodynamic-sonodynamic cancer therapy. <i>Science China Materials</i> , 2022, 65, 2600-2608.	3.5	10
459	Fast Fourier Transform-weighted Photoacoustic Imaging by In Vivo Magnetic Alignment of Hybrid Nanorods. <i>Nano Letters</i> , 2022, 22, 5158-5166.	4.5	10
460	Recent advances in the development of nanomaterials for DC-based immunotherapy. <i>Science Bulletin</i> , 2016, 61, 514-523.	4.3	9
461	Chelator-free Radiolabeling of Nanographene: Breaking the Stereotype of Chelation. <i>Angewandte Chemie</i> , 2017, 129, 2935-2938.	1.6	9
462	Near-infrared dye bound human serum albumin with separated imaging and therapy wavelength channels for imaging-guided photothermal therapy preventing tumor metastasis. <i>Journal of Controlled Release</i> , 2015, 213, e89.	4.8	7
463	Eddy current thermal effect based on magnesium microrods for combined tumor therapy. <i>Chemical Engineering Journal</i> , 2022, 446, 137038.	6.6	7
464	Photothermal Therapy: 1D Coordination Polymer Nanofibers for Low-Temperature Photothermal Therapy (Adv. Mater. 40/2017). <i>Advanced Materials</i> , 2017, 29, .	11.1	5
465	Glycopolymer Engineering of the Cell Surface Changes the Single Cell Migratory Direction and Inhibits the Collective Migration of Cancer Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 4921-4930.	4.0	5
466	High relaxivity Gd <sup>3+</sup> -based organic nanoparticles for efficient magnetic resonance angiography. <i>Journal of Nanobiotechnology</i> , 2022, 20, 170.	4.2	5
467	Dual-modality magnetic resonance/optical imaging-guided sonodynamic therapy of pancreatic cancer with metal-organic nanosensitizer. <i>Nano Research</i> , 2022, 15, 6340-6347.	5.8	5
468	Photoacoustic molecular imaging using single walled carbon nanotubes in living mice. , 2009, , .		4

#	ARTICLE	IF	CITATIONS
469	cRGD-Functionalized AuNR-cored PEG-PCL nanoparticles for efficacious glioma chemotherapy. Journal of Controlled Release, 2015, 213, e135.	4.8	4
470	Biomedical Applications: Imaging-Guided pH-Sensitive Photodynamic Therapy Using Charge Reversible Upconversion Nanoparticles under Near-Infrared Light (Adv. Funct. Mater. 24/2013). Advanced Functional Materials, 2013, 23, 3018-3018.	7.8	3
471	Effect of CO <sub>2</sub> on N Distribution in Pyrolysis and Oxidation of Volatile N and Char N in Oxy-Fuel Combustion at High Temperatures. Energy & Fuels, 2020, 34, 9852-9861.	2.5	3
472	Enhanced sensitivity carbon nanotubes as targeted photoacoustic molecular imaging agents. Proceedings of SPIE, 2009, , .	0.8	1
473	DNA-Edited Ligand Positioning on Red Blood Cells to Enable Optimized T Cell Activation for Adoptive Immunotherapy. Angewandte Chemie, 2020, 132, 14952-14963.	1.6	1
474	Magnetic-Optical Imaging for Monitoring Chemodynamic Therapy. Chemical Research in Chinese Universities, 0, , 1.	1.3	1
475	Biomedical application of sp <sup>2</sup> carbon nanomaterials for cancer therapy and molecular imaging. , 2010, , .		0
476	Up-Conversion Nanoparticles for Early Cancer Diagnosis. Frontiers in Nanobiomedical Research, 2015, , 1-19.	0.1	0
477	Intelligent Protein-Coated Bismuth Sulfide and Manganese Oxide Nanocomposites by Biomineralization for Multimodal Imaging-Guided Enhanced Tumor Therapy. SSRN Electronic Journal, 0, , .	0.4	0