Zhuang Liu

List of Publications by Year
in descending order

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477	104,092	80	213
papers	citations	170 h-index	310 g-index

498	498	498	57799
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Titanium carbide nanosheets with defect structure for photothermal-enhanced sonodynamic therapy. Bioactive Materials, 2022, 8, 409-419.	8.6	87
2	Mesenchymal Stem Cellâ€Derived Extracellular Vesicles with High PDâ€L1 Expression for Autoimmune Diseases Treatment. Advanced Materials, 2022, 34, e2106265.	11.1	72
3	Coordination Polymerâ€Coated CaCO₃ Reinforces Radiotherapy by Reprogramming the Immunosuppressive Metabolic Microenvironment. Advanced Materials, 2022, 34, e2106520.	11.1	54
4	Perfluorocarbon loaded fluorinated covalent organic polymers with effective sonosensitization and tumor hypoxia relief enable synergistic sonodynamic-immunotherapy. Biomaterials, 2022, 280, 121250.	5.7	57
5	Smart Nanomedicine to Enable Crossing Bloodâ€“Brain Barrier Delivery of Checkpoint Blockade Antibody for Immunotherapy of Glioma. ACS Nano, 2022, 16, 664-674.	7.3	49
6	Redox chemistry-enabled stepwise surface dual nanoparticle engineering of 2D MXenes for tumor-sensitive T₁ and T₂ MRI-guided photonic breast-cancer hyperthermia in the NIR-II biowindow. Biomaterials Science, 2022, 10, 1562-1574.	2.6	16
7	Glycopolymer Engineering of the Cell Surface Changes the Single Cell Migratory Direction and Inhibits the Collective Migration of Cancer Cells. ACS Applied Materials & Interfaces, 2022, 14, 4921-4930.	4.0	5
8	Epigenetic Platinum Complexes Breaking the â€œEat Me/Donâ€™t Eat Meâ€•Balance for Enhanced Cancer Chemoimmunotherapy. Bioconjugate Chemistry, 2022, 33, 343-352.	1.8	10
9	Nanoscale CaH2 materials for synergistic hydrogen-immune cancer therapy. CheM, 2022, 8, 268-286.	5.8	74
10	Engineering bioluminescent bacteria to boost photodynamic therapy and systemic anti-tumor immunity for synergistic cancer treatment. Biomaterials, 2022, 281, 121332.	5.7	44
11	Nanovaccines with cell-derived components for cancer immunotherapy. Advanced Drug Delivery Reviews, 2022, 182, 114107.	6.6	41
12	Albumin-Based Therapeutics Capable of Glutathione Consumption and Hydrogen Peroxide Generation for Synergetic Chemodynamic and Chemotherapy of Cancer. ACS Nano, 2022, 16, 2319-2329.	7.3	27
13	Lipid-Coated CaCO₃ Nanoparticles as a Versatile pH-Responsive Drug Delivery Platform to Enable Combined Chemotherapy of Breast Cancer. ACS Applied Bio Materials, 2022, 5, 1194-1201.	2.3	13
14	Radiotherapy assisted with biomaterials to trigger antitumor immunity. Chinese Chemical Letters, 2022, 33, 4169-4174.	4.8	17
15	DNA-Based MXFs to Enhance Radiotherapy and Stimulate Robust Antitumor Immune Responses. Nano Letters, 2022, 22, 2826-2834.	4.5	33
16	High relaxivity Gd3+-based organic nanoparticles for efficient magnetic resonance angiography. Journal of Nanobiotechnology, 2022, 20, 170.	4.2	5
17	Percutaneous implantation of ethanol fueled catalytic hydrogel suppresses tumor growth by triggering ferroptosis. Materials Today, 2022, 55, 7-20.	8.3	12
18	Collagen-targeted tumor-specific transepithelial penetration enhancer mediated intravesical chemoimmunotherapy for non-muscle-invasive bladder cancer. Biomaterials, 2022, 283, 121422.	5.7	11

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19	Immunogenic nanomedicine based on GSH-responsive nanoscale covalent organic polymers for chemo-sonodynamic therapy. Biomaterials, 2022, 283, 121428.	5.7	25
20	Dual-modality magnetic resonance/optical imaging-guided sonodynamic therapy of pancreatic cancer with metalâ€”organic nanosonosensitizer. Nano Research, 2022, 15, 6340-6347.	5.8	5
21	Albumin-binding lipid-aptamer conjugates for cancer immunoimaging and immunotherapy. Science China Chemistry, 2022, 65, 574-583.	4.2	12
22	Targeting Endogenous Hydrogen Peroxide at Bone Defects Promotes Bone Repair. Advanced Functional Materials, 2022, 32, .	7.8	41
23	DNA Engineered Lymphocyte-Based Homologous Targeting Artificial Antigen-Presenting Cells for Personalized Cancer Immunotherapy. Journal of the American Chemical Society, 2022, 144, 7634-7645.	6.6	21
24	Magnesium galvanic cells produce hydrogen and modulate the tumor microenvironment to inhibit cancer growth. Nature Communications, 2022, 13, 2336.	5.8	42
25	Phthalocyanine iron nanodots for combined chemodynamic-sonodynamic cancer therapy. Science China Materials, 2022, 65, 2600-2608.	3.5	10
26	Biomedical polymers: synthesis, properties, and applications. Science China Chemistry, 2022, 65, 1010-1075.	4.2	85
27	Eddy current thermal effect based on magnesium microrods for combined tumor therapy. Chemical Engineering Journal, 2022, 446, 137038.	6.6	7
28	Immunosonodynamic Therapy Designed with Activatable Sonosensitizer and Immune Stimulant Imiquimod. ACS Nano, 2022, 16, 10979-10993.	7.3	43
29	Ferrous ions doped calcium carbonate nanoparticles potentiate chemotherapy by inducing ferroptosis. Journal of Controlled Release, 2022, 348, 346-356.	4.8	31
30	Fast Fourier Transform-weighted Photoacoustic Imaging by In Vivo Magnetic Alignment of Hybrid Nanorods. Nano Letters, 2022, 22, 5158-5166.	4.5	10
31	Vitamin C supramolecular hydrogel for enhanced cancer immunotherapy. Biomaterials, 2022, 287, 121673.	5.7	20
32	Biodegradable magnesium alloy with eddy thermal effect for effective and accurate magnetic hyperthermia ablation of tumors. National Science Review, 2021, 8, nwaa122.	4.6	35
33	Construction of Enzyme Nanoreactors to Enable Tumor Microenvironment Modulation and Enhanced Cancer Treatment. Advanced Healthcare Materials, 2021, 10, e2001167.	3.9	23
34	Sonodynamic therapy with immune modulatable two-dimensional coordination nanosheets for enhanced anti-tumor immunotherapy. Nano Research, 2021, 14, 212-221.	5.8	66
35	Engineering two-dimensional silicene composite nanosheets for dual-sensitized and photonic hyperthermia-augmented cancer radiotherapy. Biomaterials, 2021, 269, 120455.	5.7	36
36	Controlled release of immunotherapeutics for enhanced cancer immunotherapy after local delivery. Journal of Controlled Release, 2021, 329, 882-893.	4.8	22

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37	Bacteria-derived membrane vesicles to advance targeted photothermal tumor ablation. Biomaterials, 2021, 268, 120550.	5.7	57
38	Thermoâ€Triggered In Situ Chitosanâ€Based Gelation System for Repeated and Enhanced Sonodynamic Therapy Post a Single Injection. Advanced Healthcare Materials, 2021, 10, e2001208.	3.9	21
39	CaCO3-Assisted Preparation of pH-Responsive Immune-Modulating Nanoparticles for Augmented Chemo-Immunotherapy. Nano-Micro Letters, 2021, 13, 29.	14.4	46
40	Biomaterial-mediated internal radioisotope therapy. Materials Horizons, 2021, 8, 1348-1366.	6.4	39
41	Nanoparticleâ€Mediated Delivery of Inhaled Immunotherapeutics for Treating Lung Metastasis. Advanced Materials, 2021, 33, e2007557.	11.1	89
42	Ultrasound-Mediated Remotely Controlled Nanovaccine Delivery for Tumor Vaccination and Individualized Cancer Immunotherapy. Nano Letters, 2021, 21, 1228-1237.	4.5	61
43	Transmucosal Delivery of Self-Assembling Photosensitizerâ€“Nitazoxanide Nanocomplexes with Fluorinated Chitosan for Instillation-Based Photodynamic Therapy of Orthotopic Bladder Tumors. ACS Biomaterials Science and Engineering, 2021, 7, 1485-1495.	2.6	12
44	Activating Layered Metal Oxide Nanomaterials via Structural Engineering as Biodegradable Nanoagents for Photothermal Cancer Therapy. Small, 2021, 17, e2007486.	5.2	94
45	ATPâ€Responsive Smart Hydrogel Releasing Immune Adjuvant Synchronized with Repeated Chemotherapy or Radiotherapy to Boost Antitumor Immunity. Advanced Materials, 2021, 33, e2007910.	11.1	123
46	Antitumor Agents Based on Metalâ€“Organic Frameworks. Angewandte Chemie, 2021, 133, 16901-16914.	1.6	14
47	Antitumor Agents Based on Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2021, 60, 16763-16776.	7.2	143
48	Biological membrane derived nanomedicines for cancer therapy. Science China Chemistry, 2021, 64, 719-733.	4.2	23
49	Multifunctional <scp>MnO₂</scp> nanoparticles for tumor microenvironment modulation and cancer therapy. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2021, 13, e1720.	3.3	97
50	Immunosuppressive Nanoparticles for Management of Immune-Related Adverse Events in Liver. ACS Nano, 2021, 15, 9111-9125.	7.3	29
51	Aptamer-Based Logic Computing Reaction on Living Cells to Enable Non-Antibody Immune Checkpoint Blockade Therapy. Journal of the American Chemical Society, 2021, 143, 8391-8401.	6.6	64
52	Fluorinated Chitosan Mediated Synthesis of Copper Selenide Nanoparticles with Enhanced Penetration for Second Nearâ€Infrared Photothermal Therapy of Bladder Cancer. Advanced Therapeutics, 2021, 4, 2100043.	1.6	14
53	Reactive Oxygen Species Scavenging Sutures for Enhanced Wound Sealing and Repair. Small Structures, 2021, 2, 2100002.	6.9	35
54	CaCO₃â€Encapuslated Microspheres for Enhanced Transhepatic Arterial Embolization Treatment of Hepatocellular Carcinoma. Advanced Healthcare Materials, 2021, 10, e2100748.	3.9	15

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55	Novel Multifunctional Stimuli-Responsive Nanoparticles for Synergetic Chemoâ€“Photothermal Therapy of Tumors. ACS Applied Materials & Interfaces, 2021, 13, 28802-28817.	4.0	39
56	Photodynamic creation of artificial tumor microenvironments to collectively facilitate hypoxia-activated chemotherapy delivered by coagulation-targeting liposomes. Chemical Engineering Journal, 2021, 414, 128731.	6.6	18
57	Tumor-killing nanoreactors fueled by tumor debris can enhance radiofrequency ablation therapy and boost antitumor immune responses. Nature Communications, 2021, 12, 4299.	5.8	72
58	Liquid exfoliation of TiN nanodots as novel sonosensitizers for photothermal-enhanced sonodynamic therapy against cancer. Nano Today, 2021, 39, 101170.	6.2	138
59	Mechanically active adhesive and immune regulative dressings for wound closure. Matter, 2021, 4, 2985-3000.	5.0	50
60	Two-phase releasing immune-stimulating composite orchestrates protection against microbial infections. Biomaterials, 2021, 277, 121106.	5.7	11
61	A general in-situ reduction method to prepare core-shell liquid-metal / metal nanoparticles for photothermally enhanced catalytic cancer therapy. Biomaterials, 2021, 277, 121125.	5.7	52
62	Ultra-small natural product based coordination polymer nanodots for acute kidney injury relief. Materials Horizons, 2021, 8, 1314-1322.	6.4	41
63	Bioorthogonal Coordination Polymer Nanoparticles with Aggregationâ€Induced Emission for Deep Tumorâ€Penetrating Radioâ€and Radiodynamic Therapy. Advanced Materials, 2021, 33, e2007888.	11.1	89
64	Inorganic nanomaterials with rapid clearance for biomedical applications. Chemical Society Reviews, 2021, 50, 8669-8742.	18.7	259
65	Coordination Polymers Integrating Metalloimmunology with Immune Modulation to Elicit Robust Cancer Chemoimmunotherapy. CCS Chemistry, 2021, 3, 2629-2642.	4.6	19
66	Tumor microenvironment-responsive dynamic inorganic nanoassemblies for cancer imaging and treatment. Advanced Drug Delivery Reviews, 2021, 179, 114004.	6.6	55
67	Guiding Drug Through Interrupted Bloodstream for Potentiated Thrombolysis by Câ€Shaped Magnetic Actuation System In Vivo. Advanced Materials, 2021, 33, e2105351.	11.1	28
68	Equipping Cancer Cell Membrane Vesicles with Functional DNA as a Targeted Vaccine for Cancer Immunotherapy. Nano Letters, 2021, 21, 9410-9418.	4.5	39
69	Injectable Immunotherapeutic Thermogel for Enhanced Immunotherapy Post Tumor Radiofrequency Ablation. Small, 2021, 17, e2104773.	5.2	22
70	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
71	Smart Injectable Hydrogels for Cancer Immunotherapy. Advanced Functional Materials, 2020, 30, 1902785.	7.8	182
72	Polyoxomolybdate (POM) nanoclusters with radiosensitizing and scintillating properties for low dose X-ray inducible radiation-radiodynamic therapy. Nanoscale Horizons, 2020, 5, 109-118.	4.1	29

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73	2D Nanomaterials for Cancer Theranostic Applications. Advanced Materials, 2020, 32, e1902333.	11.1	375
74	Biodegradable CoS2 nanoclusters for photothermal-enhanced chemodynamic therapy. Applied Materials Today, 2020, 18, 100464.	2.3	51
75	Ultra-small Pyropheophorbide-a Nanodots for Near-infrared Fluorescence/Photoacoustic Imaging-guided Photodynamic Therapy. Theranostics, 2020, 10, 62-73.	4.6	40
76	GSHâ€Ðepleted PtCu₃ Nanocages for Chemodynamicâ€•Enhanced Sonodynamic Cancer Therapy. Advanced Functional Materials, 2020, 30, 1907954.	7.8	352
77	Effect of the Temperature on NO Release Characteristics in an O₂/CO₂ Atmosphere during Coal Combustion. Energy & Fuels, 2020, 34, 842-852.	2.5	10
78	In Situ Formed Fibrin Scaffold with Cyclophosphamide to Synergize with Immune Checkpoint Blockade for Inhibition of Cancer Recurrence after Surgery. Advanced Functional Materials, 2020, 30, 1906922.	7.8	53
79	Advances in imaging strategies for in vivo tracking of exosomes. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2020, 12, e1594.	3.3	61
80	Chemiluminescent Nanosystems for Imaging Cancer Chemodynamic Therapy. CheM, 2020, 6, 2127-2129.	5.8	19
81	An implantable blood clotâ€“based immune niche for enhanced cancer vaccination. Science Advances, 2020, 6, .	4.7	66
82	Surfactant-stripped J-aggregates of azaBODIPY derivatives: All-in-one phototheranostics in the second near infrared window. Journal of Controlled Release, 2020, 326, 256-264.	4.8	26
83	Ultrasmall Iron-Doped Titanium Oxide Nanodots for Enhanced Sonodynamic and Chemodynamic Cancer Therapy. ACS Nano, 2020, 14, 15119-15130.	7.3	194
84	V-TiO2 nanospindles with regulating tumor microenvironment performance for enhanced sonodynamic cancer therapy. Applied Physics Reviews, 2020, 7, .	5.5	79
85	Biodegradable Fe-Doped Vanadium Disulfide Theranostic Nanosheets for Enhanced Sonodynamic/Chemodynamic Therapy. ACS Applied Materials & Interfaces, 2020, 12, 52370-52382.	4.0	73
86	Injectable Anti-inflammatory Nanofiber Hydrogel to Achieve Systemic Immunotherapy Post Local Administration. Nano Letters, 2020, 20, 6763-6773.	4.5	63
87	Preparation of TiH1.924 nanodots by liquid-phase exfoliation for enhanced sonodynamic cancer therapy. Nature Communications, 2020, 11, 3712.	5.8	183
88	ROS-scavenging hydrogel to promote healing of bacteria infected diabetic wounds. Biomaterials, 2020, 258, 120286.	5.7	370
89	Recent progress of chemodynamic therapy-induced combination cancer therapy. Nano Today, 2020, 35, 100946.	6.2	405
90	Effect of CO₂ 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

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91	Bacteria-triggered tumor-specific thrombosis to enable potent photothermal immunotherapy of cancer. Science Advances, 2020, 6, eaba3546.	4.7	144
92	Metal-polyphenol-network coated CaCO3 as pH-responsive nanocarriers to enable effective intratumoral penetration and reversal of multidrug resistance for augmented cancer treatments. Nano Research, 2020, 13, 3057-3067.	5.8	40
93	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
94	A general strategy towards personalized nanovaccines based on fluoropolymers for post-surgical cancer immunotherapy. Nature Nanotechnology, 2020, 15, 1043-1052.	15.6	332
95	Recent advances in functional nanomaterials for X-ray triggered cancer therapy. Progress in Natural Science: Materials International, 2020, 30, 567-576.	1.8	27
96	Oxygenâ€Deficient Bimetallic Oxide FeWO_X Nanosheets as Peroxidaseâ€Like Nanozyme for Sensing Cancer via Photoacoustic Imaging. Small, 2020, 16, e2003496.	5.2	68
97	Bimetallic Oxide FeWO_X Nanosheets as Multifunctional Cascade Bioreactors for Tumor Microenvironmentâ€Modulation and Enhanced Multimodal Cancer Therapy. Advanced Functional Materials, 2020, 30, 2002753.	7.8	80
98	DNAâ€Edited Ligand Positioning on Red Blood Cells to Enable Optimized T Cell Activation for Adoptive Immunotherapy. Angewandte Chemie - International Edition, 2020, 59, 14842-14853.	7.2	57
99	Photoactivated H₂ Nanogenerator for Enhanced Chemotherapy of Bladder Cancer. ACS Nano, 2020, 14, 8135-8148.	7.3	58
100	DNAâ€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
101	Oxaliplatin-/NLG919 prodrugs-constructed liposomes for effective chemo-immunotherapy of colorectal cancer. Biomaterials, 2020, 255, 120190.	5.7	75
102	Perfluorocarbon nanodroplets stabilized with cisplatin-prodrug-constructed lipids enable efficient tumor oxygenation and chemo-radiotherapy of cancer. Nanoscale, 2020, 12, 14764-14774.	2.8	25
103	Injectable Nonmagnetic Liquid Metal for Eddyâ€Thermal Ablation of Tumors under Alternating Magnetic Field. Small Methods, 2020, 4, 2000147.	4.6	41
104	Two-dimensional silicene composite nanosheets enable exogenous/endogenous-responsive and synergistic hyperthermia-augmented catalytic tumor theranostics. Biomaterials, 2020, 256, 120206.	5.7	55
105	Photosensitizerâ€Modified MnO₂ Nanoparticles to Enhance Photodynamic Treatment of Abscesses and Boost Immune Protection for Treated Mice. Small, 2020, 16, e2000589.	5.2	82
106	Porous Pt nanoparticles loaded with doxorubicin to enable synergistic Chemo-/Electrodynamic Therapy. Biomaterials, 2020, 255, 120202.	5.7	73
107	Ultrafine Titanium Monoxide (TiO_{1+x}) Nanorods for Enhanced Sonodynamic Therapy. Journal of the American Chemical Society, 2020, 142, 6527-6537.	6.6	350
108	Synthesis of CaCO3-Based Nanomedicine for Enhanced Sonodynamic Therapy via Amplification of Tumor Oxidative Stress. CheM, 2020, 6, 1391-1407.	5.8	199

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109	Molecular domino reactor built by automated modular synthesis for cancer treatment. Theranostics, 2020, 10, 4030-4041.	4.6	14
110	Tumor microenvironment (TME)-activatable circular aptamer-PEG as an effective hierarchical-targeting molecular medicine for photodynamic therapy. Biomaterials, 2020, 246, 119971.	5.7	54
111	Localized cocktail chemoimmunotherapy after in situ gelation to trigger robust systemic antitumor immune responses. Science Advances, 2020, 6, eaaz4204.	4.7	136
112	Defect engineering of 2D BiOCl nanosheets for photonic tumor ablation. Nanoscale Horizons, 2020, 5, 857-868.	4.1	33
113	Tumor microenvironment-responsive intelligent nanoplatforms for cancer theranostics. Nano Today, 2020, 32, 100851.	6.2	249
114	Biodegradable Nanoscale Coordination Polymers for Targeted Tumor Combination Therapy with Oxidative Stress Amplification. Advanced Functional Materials, 2020, 30, 1908865.	7.8	96
115	The enhanced permeability and retention effect based nanomedicine at the site of injury. Nano Research, 2020, 13, 564-569.	5.8	46
116	Fluorinated Chitosan To Enhance Transmucosal Delivery of Sonosensitizer-Conjugated Catalase for Sonodynamic Bladder Cancer Treatment Post-intravesical Instillation. ACS Nano, 2020, 14, 1586-1599.	7.3	155
117	Protein-drug conjugate programmed by pH-reversible linker for tumor hypoxia relief and enhanced cancer combination therapy. International Journal of Pharmaceutics, 2020, 582, 119321.	2.6	26
118	Mesoporous silica decorated with platinum nanoparticles for drug delivery and synergistic electrodynamic-chemotherapy. Nano Research, 2020, 13, 2209-2215.	5.8	42
119	Calming Cytokine Storm in Pneumonia by Targeted Delivery of TPCA-1 Using Platelet-Derived Extracellular Vesicles. Matter, 2020, 3, 287-301.	5.0	117
120	Fluorinated Polyethylenimine to Enable Transmucosal Delivery of Photosensitizerâ€Conjugated Catalase for Photodynamic Therapy of Orthotopic Bladder Tumors Postintravesical Instillation. Advanced Functional Materials, 2019, 29, 1901932.	7.8	102
121	Nanoscale metal-organic frameworks and coordination polymers as theranostic platforms for cancer treatment. Coordination Chemistry Reviews, 2019, 398, 113009.	9.5	73
122	Photonic/magnetic hyperthermia-synergistic nanocatalytic cancer therapy enabled by zero-valence iron nanocatalysts. Biomaterials, 2019, 219, 119374.	5.7	54
123	Cell-Penetrating Peptide Enhanced Antigen Presentation for Cancer Immunotherapy. Bioconjugate Chemistry, 2019, 30, 2115-2126.	1.8	23
124	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
125	Hollow Cu₂Se Nanozymes for Tumor Photothermal-Catalytic Therapy. Chemistry of Materials, 2019, 31, 6174-6186.	3.2	204
126	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

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127	Local biomaterials-assisted cancer immunotherapy to trigger systemic antitumor responses. Chemical Society Reviews, 2019, 48, 5506-5526.	18.7	209
128	Ultrasound-Responsive Conversion of Microbubbles to Nanoparticles to Enable Background-Free in Vivo Photoacoustic Imaging. Nano Letters, 2019, 19, 8109-8117.	4.5	47
129	Nanoparticleâ€Embedded Electrospun Fiberâ€“Covered Stent to Assist Intraluminal Photodynamic Treatment of Oesophageal Cancer. Small, 2019, 15, e1904979.	5.2	33
130	Renal Clearable Ru-based Coordination Polymer Nanodots for Photoacoustic Imaging Guided Cancer Therapy. Theranostics, 2019, 9, 8266-8276.	4.6	21
131	Nanoscale Coordination Polymer Based Nanovaccine for Tumor Immunotherapy. ACS Nano, 2019, 13, 13127-13135.	7.3	83
132	Reactive Oxygen Speciesâ€“Activatable Liposomes Regulating Hypoxic Tumor Microenvironment for Synergistic Photo/Chemodynamic Therapies. Advanced Functional Materials, 2019, 29, 1905013.	7.8	124
133	Red blood cellâ€“derived nanoerythrosome for antigen delivery with enhanced cancer immunotherapy. Science Advances, 2019, 5, eaaw6870.	4.7	228
134	Cerenkov Luminescence-Induced NO Release from 32P-Labeled ZnFe(CN)5NO Nanosheets to Enhance Radioisotope-Immunotherapy. Matter, 2019, 1, 1061-1076.	5.0	70
135	In situ thermal ablation of tumors in combination with nano-adjuvant and immune checkpoint blockade to inhibit cancer metastasis and recurrence. Biomaterials, 2019, 224, 119490.	5.7	59
136	Nanoparticleâ€Enhanced Radiotherapy to Trigger Robust Cancer Immunotherapy. Advanced Materials, 2019, 31, e1802228.	11.1	448
137	Nanoparticle-mediated internal radioisotope therapy to locally increase the tumor vasculature permeability for synergistically improved cancer therapies. Biomaterials, 2019, 197, 368-379.	5.7	58
138	High-yield synthesis of gold bipyramids for in vivo CT imaging and photothermal cancer therapy with enhanced thermal stability. Chemical Engineering Journal, 2019, 378, 122025.	6.6	29
139	Iron Nanoparticles for Low-Power Local Magnetic Hyperthermia in Combination with Immune Checkpoint Blockade for Systemic Antitumor Therapy. Nano Letters, 2019, 19, 4287-4296.	4.5	170
140	Hyaluronidase with pHâ€responsive Dextran Modification as an Adjuvant Nanomedicine for Enhanced Photodynamicâ€Immunotherapy of Cancer. Advanced Functional Materials, 2019, 29, 1902440.	7.8	156
141	A Hypoxiaâ€Responsive Albuminâ€Based Nanosystem for Deep Tumor Penetration and Excellent Therapeutic Efficacy. Advanced Materials, 2019, 31, e1901513.	11.1	263
142	Platelets as platforms for inhibition of tumor recurrence post-physical therapy by delivery of anti-PD-L1 checkpoint antibody. Journal of Controlled Release, 2019, 304, 233-241.	4.8	66
143	Fluorinated Polymer Mediated Transmucosal Peptide Delivery for Intravesical Instillation Therapy of Bladder Cancer. Small, 2019, 15, e1900936.	5.2	57
144	Lightâ€Triggered In Situ Gelation to Enable Robust Photodynamicâ€Immunotherapy by Repeated Stimulations. Advanced Materials, 2019, 31, e1900927.	11.1	276

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145	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
146	Nanovaccine based on a protein-delivering dendrimer for effective antigen cross-presentation and cancer immunotherapy. Biomaterials, 2019, 207, 1-9.	5.7	118
147	Take Immune Cells Back on Track: Glycopolymer-Engineered Tumor Cells for Triggering Immune Response. ACS Macro Letters, 2019, 8, 337-344.	2.3	32
148	Ultrasmall Oxygenâ€Deficient Bimetallic Oxide MnWO_X Nanoparticles for Depletion of Endogenous GSH and Enhanced Sonodynamic Cancer Therapy. Advanced Materials, 2019, 31, e1900730.	11.1	387
149	Platinum Nanoparticles to Enable Electrodynamic Therapy for Effective Cancer Treatment. Advanced Materials, 2019, 31, e1806803.	11.1	130
150	Controllable growth of Au nanostructures onto MoS₂ nanosheets for dual-modal imaging and photothermalâ€“radiation combined therapy. Nanoscale, 2019, 11, 22788-22795.	2.8	16
151	Amplification of Tumor Oxidative Stresses with Liposomal Fenton Catalyst and Glutathione Inhibitor for Enhanced Cancer Chemotherapy and Radiotherapy. Nano Letters, 2019, 19, 805-815.	4.5	360
152	Two-dimensional metal-organic-framework as a unique theranostic nano-platform for nuclear imaging and chemo-photodynamic cancer therapy. Nano Research, 2019, 12, 1307-1312.	5.8	77
153	Multifunctional Two-Dimensional Coreâ€“Shell MXene@Gold Nanocomposites for Enhanced Photoâ€“Radio Combined Therapy in the Second Biological Window. ACS Nano, 2019, 13, 284-294.	7.3	232
154	In situ formed reactive oxygen speciesâ€“responsive scaffold with gemcitabine and checkpoint inhibitor for combination therapy. Science Translational Medicine, 2018, 10, .	5.8	439
155	Coreâ€“shell TaOx@MnO₂nanoparticles as a nano-radiosensitizer for effective cancer radiotherapy. Journal of Materials Chemistry B, 2018, 6, 2250-2257.	2.9	45
156	2D magnetic titanium carbide MXene for cancer theranostics. Journal of Materials Chemistry B, 2018, 6, 3541-3548.	2.9	99
157	Upconversion Composite Nanoparticles for Tumor Hypoxia Modulation and Enhanced Near-Infrared-Triggered Photodynamic Therapy. ACS Applied Materials & Interfaces, 2018, 10, 15494-15503.	4.0	86
158	pH-Responsive Nanoscale Covalent Organic Polymers as a Biodegradable Drug Carrier for Combined Photodynamic Chemotherapy of Cancer. ACS Applied Materials & Interfaces, 2018, 10, 14475-14482.	4.0	104
159	Glucose & oxygen exhausting liposomes for combined cancer starvation and hypoxia-activated therapy. Biomaterials, 2018, 162, 123-131.	5.7	196
160	Synthesis of Hollow Biomineralized CaCO₃â€“Polydopamine Nanoparticles for Multimodal Imaging-Guided Cancer Photodynamic Therapy with Reduced Skin Photosensitivity. Journal of the American Chemical Society, 2018, 140, 2165-2178.	6.6	396
161	Reassembly of ⁸⁹Zrâ€Labeled Cancer Cell Membranes into Multicompartment Membraneâ€Derived Liposomes for PETâ€Trackable Tumorâ€Targeted Theranostics. Advanced Materials, 2018, 30, e1704934.	11.1	86
162	Biomimetic Copper Sulfide for Chemoâ€Radiotherapy: Enhanced Uptake and Reduced Efflux of Nanoparticles for Tumor Cells under Ionizing Radiation. Advanced Functional Materials, 2018, 28, 1705161.	7.8	75

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163	2D MoS₂ Nanostructures for Biomedical Applications. Advanced Healthcare Materials, 2018, 7, e1701158.	3.9	135
164	Red Blood Cells as Smart Delivery Systems. Bioconjugate Chemistry, 2018, 29, 852-860.	1.8	144
165	Smart Nanoreactors for pH-Responsive Tumor Homing, Mitochondria-Targeting, and Enhanced Photodynamic-Immunotherapy of Cancer. Nano Letters, 2018, 18, 2475-2484.	4.5	348
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