

Xiaoyuan Chen

List of Publications by Year in descending order

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Version: 2024-02-01

1,049
papers

124,728
citations

65

175
h-index

265

298
g-index

1121
all docs

1121
docs citations

1121
times ranked

80948
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyprodrug Nanomedicines: An Emerging Paradigm for Cancer Therapy. <i>Advanced Materials</i> , 2022, 34, e2107434.	21.0	57
2	Smart Chemical Engineeringâ€Based Lightweight and Miniaturized Attachable Systems for Advanced Drug Delivery and Diagnostics. <i>Advanced Materials</i> , 2022, 34, e2106701.	21.0	13
3	Somatostatin receptor imaging with [68Ga]Ga-DOTATATE positron emission tomography/computed tomography (PET/CT) in patients with nasopharyngeal carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1360-1373.	6.4	7
4	Near-infrared probes for luminescence lifetime imaging. <i>Nanotheranostics</i> , 2022, 6, 91-102.	5.2	10
5	Aptamerâ€based biosensors and application in tumor theranostics. <i>Cancer Science</i> , 2022, 113, 7-16.	3.9	29
6	Nanomaterials targeting tumor associated macrophages for cancer immunotherapy. <i>Journal of Controlled Release</i> , 2022, 341, 272-284.	9.9	41
7	Self-sufficient copper peroxide loaded pKa-tunable nanoparticles for lysosome-mediated chemodynamic therapy. <i>Nano Today</i> , 2022, 42, 101337.	11.9	41
8	A generic self-assembly approach towards phototheranostics for NIR-II fluorescence imaging and phototherapy. <i>Acta Biomaterialia</i> , 2022, 140, 601-609.	8.3	17
9	Microalgae-based bioactive hydrogel loaded with quorum sensing inhibitor promotes infected wound healing. <i>Nano Today</i> , 2022, 42, 101368.	11.9	55
10	A super-stable homogeneous Lipiodol-hydrophilic chemodrug formulation for treatment of hepatocellular carcinoma. <i>Theranostics</i> , 2022, 12, 1769-1782.	10.0	33
11	Evans blue-modified radiolabeled fibroblast activation protein inhibitor as long-acting cancer therapeutics. <i>Theranostics</i> , 2022, 12, 422-433.	10.0	46
12	Metal-free bioorthogonal click chemistry in cancer theranostics. <i>Chemical Society Reviews</i> , 2022, 51, 1336-1376.	38.1	76
13	The Chemistry of Organic Contrast Agents in the NIRâ€Window. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	22
14	Noninvasive Dual-Modality Photoacoustic-Ultrasonic Imaging to Detect Mammalian Embryo Abnormalities after Prenatal Exposure to Methylmercury Chloride (MMC): A Mouse Study. <i>Environmental Health Perspectives</i> , 2022, 130, 27002.	6.0	4
15	Coordinating the Mechanisms of Action of Ferroptosis and the Photothermal Effect for Cancer Theranostics. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	15
16	The Chemistry of Organic Contrast Agents in the NIRâ€Window. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	124
17	Coordinating the Mechanisms of Action of Ferroptosis and the Photothermal Effect for Cancer Theranostics. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	74
18	Hybridâ€Membraneâ€Decorated Prussian Blue for Effective Cancer Immunotherapy via Tumorâ€Associated Macrophages Polarization and Hypoxia Relief. <i>Advanced Materials</i> , 2022, 34, e2200389.	21.0	64

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19	NIR-II laser-mediated photo-Fenton-like reaction via plasmonic Cu ₉ S ₈ for immunotherapy enhancement. <i>Nano Today</i> , 2022, 43, 101397.	11.9	33
20	A tumor microenvironment dual responsive contrast agent for contrary contrast-magnetic resonance imaging and specific chemotherapy of tumors. <i>Nanoscale Horizons</i> , 2022, 7, 403-413.	8.0	9
21	Antibody-incorporated Nanomedicines for Cancer Therapy. <i>Advanced Materials</i> , 2022, 34, e2109210.	21.0	32
22	¹⁸ F-Alfatide II for the evaluation of axillary lymph nodes in breast cancer patients: comparison with ¹⁸ F-FDG. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2869-2876.	6.4	5
23	Biodegradable Metal-Organic Framework-Gated Organosilica for Tumor Microenvironment-Unlocking Glutathione Depletion-Enhanced Synergistic Therapy. <i>Advanced Materials</i> , 2022, 34, e2107560.	21.0	61
24	Recent advances in biomaterial-boosted adoptive cell therapy. <i>Chemical Society Reviews</i> , 2022, 51, 1766-1794.	38.1	29
25	Avoiding the self-nucleation interference: a pH-regulated gold <i>in situ</i> growth strategy to enable ultrasensitive immunochromatographic diagnostics. <i>Theranostics</i> , 2022, 12, 2801-2810.	10.0	12
26	A Self-Checking-pH/Viscosity-Activatable NIR-II Molecule for Real-Time Evaluation of Photothermal Therapy Efficacy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	42
27	A Self-Checking-pH/Viscosity-Activatable NIR-II Molecule for Real-Time Evaluation of Photothermal Therapy Efficacy. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
28	Combined Probe Strategy to Increase the Enzymatic Digestion Rate and Accelerate the Renal Radioactivity Clearance of Peptide Radiotracers. <i>Molecular Pharmaceutics</i> , 2022, 19, 1548-1556.	4.6	4
29	Photoacoustic Imaging-Guided Synergistic Photothermal/Radiotherapy Using Plasmonic Bi ₂ O ₃ Nanoparticles. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	20
30	Preliminary Clinical Application of RGD-Containing Peptides as PET Radiotracers for Imaging Tumors. <i>Frontiers in Oncology</i> , 2022, 12, 837952.	2.8	17
31	A Paradigm of Cancer Immunotherapy Based on ² -[¹⁸ F]FDG and Anti-PD-L1 mAb Combination to Enhance the Antitumor Effect. <i>Clinical Cancer Research</i> , 2022, 28, 2923-2937.	7.0	12
32	Localized NIR-II laser mediated chemodynamic therapy of glioblastoma. <i>Nano Today</i> , 2022, 43, 101435.	11.9	29
33	A nanovaccine for antigen self-presentation and immunosuppression reversal as a personalized cancer immunotherapy strategy. <i>Nature Nanotechnology</i> , 2022, 17, 531-540.	31.5	125
34	Reactive Oxygen Species Scavenging Nanomedicine for the Treatment of Ischemic Heart Disease. <i>Advanced Materials</i> , 2022, 34, e2202169.	21.0	49
35	Smart Mushroom-Inspired Imprintable and Lightly Detachable (MILD) Microneedle Patterns for Effective COVID-19 Vaccination and Decentralized Information Storage. <i>ACS Nano</i> , 2022, 16, 7512-7524.	14.6	19
36	Protective effect of platinum nano-antioxidant and nitric oxide against hepatic ischemia-reperfusion injury. <i>Nature Communications</i> , 2022, 13, 2513.	12.8	43

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37	Nanomaterial-mediated ablation therapy for cancer stem cells. <i>Matter</i> , 2022, 5, 1367-1390.	10.0	12
38	In vivo activated T cell targeting with PD-1/PD-L1 blockade for sequential treatment mediated cancer immunotherapy. <i>Nano Today</i> , 2022, 44, 101492.	11.9	7
39	A genetic engineering strategy for editing near-infrared-II fluorophores. <i>Nature Communications</i> , 2022, 13, .	12.8	33
40	Computational investigation of substituent effects on the fluorescence wavelengths of oxyluciferin analogs. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 431, 114018.	3.9	1
41	Rational Design and Pharmacomodulation of Protein-Binding Theranostic Radioligands for Targeting the Fibroblast Activation Protein. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8245-8257.	6.4	21
42	PD-L1-Targeted Radionuclide Therapy Combined with $\hat{\pm}$ PD-L1 Antibody Immunotherapy Synergistically Improves the Antitumor Effect. <i>Molecular Pharmaceutics</i> , 2022, 19, 3612-3622.	4.6	15
43	The roles of polymers in mRNA delivery. <i>Matter</i> , 2022, 5, 1670-1699.	10.0	20
44	Levonorgestrel-protected Au ₈ and Au ₁₀ clusters with different antimicrobial abilities. <i>Journal of Materials Chemistry B</i> , 2022, 10, 5028-5034.	5.8	0
45	Chiral gold clusters functionalized two-dimensional nanoparticle films to regulate the adhesion and differentiation of stem cells. <i>Journal of Colloid and Interface Science</i> , 2022, 625, 831-838.	9.4	3
46	Composition-Dependent Enzyme Mimicking Activity and Radiosensitizing Effect of Bimetallic Clusters to Modulate Tumor Hypoxia for Enhanced Cancer Therapy. <i>Advanced Materials</i> , 2022, 34, .	21.0	32
47	Harnessing immune response using reactive oxygen Species-Generating/Eliminating inorganic biomaterials for disease treatment. <i>Advanced Drug Delivery Reviews</i> , 2022, 188, 114456.	13.7	19
48	Microfluidics-Assisted Fluorescence Mapping of DNA Phosphorothioation. <i>Analytical Chemistry</i> , 2022, 94, 10479-10486.	6.5	1
49	Stimuli-Responsive Plasmonic Assemblies and Their Biomedical Applications. <i>Nano Today</i> , 2021, 36, 101014.	11.9	45
50	Extracellular vesicle-coated nanoparticles. <i>View</i> , 2021, 2, 20200187.	5.3	27
51	¹⁷⁷ Lu-DOTA-EB-TATE, a Radiolabeled Analogue of Somatostatin Receptor Type 2, for the Imaging and Treatment of Thyroid Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 1399-1409.	7.0	19
52	Supramolecular coordination complexes as diagnostic and therapeutic agents. <i>Current Opinion in Chemical Biology</i> , 2021, 61, 19-31.	6.1	24
53	Peptide Receptor Radionuclide Therapy of Late-Stage Neuroendocrine Tumor Patients with Multiple Cycles of ¹⁷⁷ Lu-DOTA-EB-TATE. <i>Journal of Nuclear Medicine</i> , 2021, 62, 386-392.	5.0	15
54	Multi-Responsive Bottlebrush-Like Unimolecules Self-Assembled Nano-Riceball for Synergistic Sono-Chemotherapy. <i>Small Methods</i> , 2021, 5, e2000416.	8.6	47

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55	Cell Death Mediated by the Pyroptosis Pathway with the Aid of Nanotechnology: Prospects for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8018-8034.	13.8	141
56	Cell Death Mediated by the Pyroptosis Pathway with the Aid of Nanotechnology: Prospects for Cancer Therapy. <i>Angewandte Chemie</i> , 2021, 133, 8096-8112.	2.0	87
57	Resection and survival data from a clinical trial of glioblastoma multiforme-specific IRDye800-BBN fluorescence-guided surgery. <i>Bioengineering and Translational Medicine</i> , 2021, 6, e10182.	7.1	14
58	Biphasic synthesis of biodegradable urchin-like mesoporous organosilica nanoparticles for enhanced cellular internalization and precision cascaded therapy. <i>Biomaterials Science</i> , 2021, 9, 2584-2597.	5.4	6
59	Supramolecular cancer nanotheranostics. <i>Chemical Society Reviews</i> , 2021, 50, 2839-2891.	38.1	257
60	Mn ³⁺ -rich oxide/persistent luminescence nanoparticles achieve light-free generation of singlet oxygen and hydroxyl radicals for responsive imaging and tumor treatment. <i>Theranostics</i> , 2021, 11, 7439-7449.	10.0	19
61	Oxygen-Evolving Manganese Ferrite Nanovesicles for Hypoxia-Responsive Drug Delivery and Enhanced Cancer Chemoimmunotherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2008078.	14.9	65
62	Tumor Vasculature. , 2021, , 831-867.		1
63	Fluorescence imaging of pathophysiological microenvironments. <i>Chemical Society Reviews</i> , 2021, 50, 8887-8902.	38.1	247
64	A hybrid semiconducting organosilica-based O ₂ nanoeconomizer for on-demand synergistic photothermally-boosted radiotherapy. <i>Nature Communications</i> , 2021, 12, 523.	12.8	77
65	Milk-derived extracellular vesicles alleviate ulcerative colitis by regulating the gut immunity and reshaping the gut microbiota. <i>Theranostics</i> , 2021, 11, 8570-8586.	10.0	105
66	Cascade Drug-Release Strategy for Enhanced Anticancer Therapy. <i>Matter</i> , 2021, 4, 26-53.	10.0	38
67	Rationally Programming Nanomaterials with DNA for Biomedical Applications. <i>Advanced Science</i> , 2021, 8, 2003775.	11.2	51
68	Targeted Dual Small Interfering Ribonucleic Acid Delivery via Non-Viral Polymeric Vectors for Pulmonary Fibrosis Therapy. <i>Advanced Materials</i> , 2021, 33, e2007798.	21.0	20
69	Bombesin-Tethered Reactive Oxygen Species (ROS)-Responsive Nanoparticles for Monomethyl Auristatin F (MMAF) Delivery. <i>Bioengineering</i> , 2021, 8, 43.	3.5	3
70	Polyphenol-Containing Nanoparticles: Synthesis, Properties, and Therapeutic Delivery. <i>Advanced Materials</i> , 2021, 33, e2007356.	21.0	216
71	Imaging of Insulinoma by Targeting Glucagonlike Peptide-1 Receptor. <i>PET Clinics</i> , 2021, 16, 205-217.	3.0	1
72	Photodynamic-Chemodynamic Cascade Reactions for Efficient Drug Delivery and Enhanced Combination Therapy. <i>Advanced Science</i> , 2021, 8, 2002927.	11.2	57

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73	Capturing Cytokines with Advanced Materials: A Potential Strategy to Tackle COVID-19 Cytokine Storm. <i>Advanced Materials</i> , 2021, 33, e2100012.	21.0	43
74	Beyond Photo: Xdynamic Therapies in Fighting Cancer. <i>Advanced Materials</i> , 2021, 33, e2007488.	21.0	58
75	Singlet Oxygen Generation in Dark-Hypoxia by Catalytic Microenvironment-Tailored Nanoreactors for NIR-Fluorescence-Monitored Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15006-15012.	13.8	64
76	Singlet Oxygen Generation in Dark-Hypoxia by Catalytic Microenvironment-Tailored Nanoreactors for NIR-Fluorescence-Monitored Chemodynamic Therapy. <i>Angewandte Chemie</i> , 2021, 133, 15133-15139.	2.0	13
77	Antiangiogenesis Combined with Inhibition of the Hypoxia Pathway Facilitates Low-Dose, X-ray-Induced Photodynamic Therapy. <i>ACS Nano</i> , 2021, 15, 11112-11125.	14.6	16
78	Supramolecular Polymerization-Induced Nanoassemblies for Self-Augmented Cascade Chemotherapy and Chemodynamic Therapy of Tumor. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17570-17578.	13.8	150
79	Stimuli-responsive size-changeable strategy for cancer theranostics. <i>Nano Today</i> , 2021, 38, 101208.	11.9	27
80	Intravital Whole-Process Monitoring Thermo-Chemotherapy Via 2D Silicon Nanoplatfom: A Macro Guidance and Long-Term Microscopic Precise Imaging Strategy. <i>Advanced Science</i> , 2021, 8, e2101242.	11.2	8
81	Supramolecular Polymerization-Induced Nanoassemblies for Self-Augmented Cascade Chemotherapy and Chemodynamic Therapy of Tumor. <i>Angewandte Chemie</i> , 2021, 133, 17711-17719.	2.0	10
82	Synthesis and Bioapplications of Ag ₂ S Quantum Dots with Near-Infrared Fluorescence. <i>Advanced Materials</i> , 2021, 33, e2007768.	21.0	87
83	⁶⁸ Ga-NOTA-Evans Blue PET/CT findings in lymphangioliomyomatosis compared with ^{99m} Tc-ASC lymphoscintigraphy: a prospective study. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 279.	2.7	2
84	Functional Micro-Nanomaterials for Multiplexed Biodetection. <i>Advanced Materials</i> , 2021, 33, e2004734.	21.0	35
85	Functional Micro-Nanomaterials: Functional Micro-Nanomaterials for Multiplexed Biodetection (Adv.) <i>Tj ETQq</i> 11 0.784314 rgBT 21.0	21.0	0
86	Phototherapy meets immunotherapy: a win-win strategy to fight against cancer. <i>Nanophotonics</i> , 2021, 10, 3229-3245.	6.0	43
87	Recent advances in enhanced chemodynamic therapy strategies. <i>Nano Today</i> , 2021, 39, 101162.	11.9	159
88	Enantiomeric alkynyl-protected Au ₁₀ clusters with chirality-dependent radiotherapy enhancing effects. <i>Nano Today</i> , 2021, 39, 101222.	11.9	27
89	A hypoxia responsive nanoassembly for tumor specific oxygenation and enhanced sonodynamic therapy. <i>Biomaterials</i> , 2021, 275, 120822.	11.4	57
90	Extracellular vesicles as a drug delivery system: A systematic review of preclinical studies. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113801.	13.7	92

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91	Exquisite Vesicular Nanomedicine by Paclitaxel Mediated Co-Assembly with Camptothecin Prodrug. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21033-21039.	13.8	22
92	Exquisite Vesicular Nanomedicine by Paclitaxel Mediated Co-Assembly with Camptothecin Prodrug. <i>Angewandte Chemie</i> , 2021, 133, 21201-21207.	2.0	2
93	Optimization of Enzymolysis Clearance Strategy To Enhance Renal Clearance of Radioligands. <i>Bioconjugate Chemistry</i> , 2021, 32, 2108-2116.	3.6	10
94	Manipulating Intratumoral Fenton Chemistry for Enhanced Chemodynamic and Chemodynamic-Synergized Multimodal Therapy. <i>Advanced Materials</i> , 2021, 33, e2104223.	21.0	210
95	Singlet Oxygen "Afterglow" Therapy with NIR-II Fluorescent Molecules. <i>Advanced Materials</i> , 2021, 33, e2103627.	21.0	76
96	Lung-Targeting Lysostaphin Microspheres for Methicillin-Resistant <i>Staphylococcus aureus</i> Pneumonia Treatment and Prevention. <i>ACS Nano</i> , 2021, 15, 16625-16641.	14.6	18
97	Endogenous dual stimuli-activated NO generation in the conventional outflow pathway for precision glaucoma therapy. <i>Biomaterials</i> , 2021, 277, 121074.	11.4	14
98	Pnictogen Semimetal (Sb, Bi)-Based Nanomaterials for Cancer Imaging and Therapy: A Materials Perspective. <i>ACS Nano</i> , 2021, 15, 2038-2067.	14.6	28
99	Radioiodinated 4-(<i>p</i> -Iodophenyl) Butanoic Acid-Modified Estradiol Derivative for ER Targeting SPECT Imaging. <i>Analytical Chemistry</i> , 2021, 93, 13998-14006.	6.5	4
100	Genetically Programmable Fusion Cellular Vesicles for Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26320-26326.	13.8	55
101	Genetically Programmable Fusion Cellular Vesicles for Cancer Immunotherapy. <i>Angewandte Chemie</i> , 2021, 133, 26524-26530.	2.0	2
102	Intelligent Pore Switch of Hollow Mesoporous Organosilica Nanoparticles for High Contrast Magnetic Resonance Imaging and Tumor-Specific Chemotherapy. <i>Nano Letters</i> , 2021, 21, 9551-9559.	9.1	31
103	Ligand Engineering of Titanium-Oxo Nanoclusters for Cerenkov Radiation-Reinforced Photo/Chemodynamic Tumor Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 54727-54738.	8.0	16
104	Redox-Activated Contrast-Enhanced T_1 -Weighted Imaging Visualizes Glutathione-Mediated Biotransformation Dynamics in the Liver. <i>ACS Nano</i> , 2021, 15, 17831-17841.	14.6	14
105	A multifunctional AIE gold cluster-based theranostic system: tumor-targeted imaging and Fenton reaction-assisted enhanced radiotherapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 438.	9.1	15
106	NIR-II emissive AIEgen photosensitizers enable ultrasensitive imaging-guided surgery and phototherapy to fully inhibit orthotopic hepatic tumors. <i>Journal of Nanobiotechnology</i> , 2021, 19, 419.	9.1	20
107	Repurposing ICG enables MR/PA imaging signal amplification and iron depletion for iron-overload disorders. <i>Science Advances</i> , 2021, 7, eabl5862.	10.3	17
108	Preparation and properties of reduced graphene oxide/polyimide composite films. <i>High Performance Polymers</i> , 2020, 32, 65-72.	1.8	8

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109	Aggregation-Induced Emission Gold Clustoluminogens for Enhanced Low-Dose X-Ray-Induced Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020, 132, 10000-10007.	2.0	21
110	Aggregation-Induced Emission Gold Clustoluminogens for Enhanced Low-Dose X-Ray-Induced Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9914-9921.	13.8	131
111	Ultraschallaktivierte Sensibilisatoren. <i>Angewandte Chemie</i> , 2020, 132, 14316-14338.	2.0	11
112	Ultrasound-Activated Sensitizers and Applications. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14212-14233.	13.8	271
113	In Situ Polymerized Hollow Mesoporous Organosilica Biocatalysis Nanoreactor for Enhancing ROS-Mediated Anticancer Therapy. <i>Advanced Functional Materials</i> , 2020, 30, 1907716.	14.9	136
114	An Ultrasound Activated Vesicle of Janus Au-MnO Nanoparticles for Promoted Tumor Penetration and Sonochemodynamic Therapy of Orthotopic Liver Cancer. <i>Angewandte Chemie</i> , 2020, 132, 1699-1705.	2.0	38
115	An Ultrasound Activated Vesicle of Janus Au-MnO Nanoparticles for Promoted Tumor Penetration and Sonochemodynamic Therapy of Orthotopic Liver Cancer. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1682-1688.	13.8	249
116	A Phototheranostic Strategy to Continuously Deliver Singlet Oxygen in the Dark and Hypoxic Tumor Microenvironment. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8833-8838.	13.8	139
117	Oxidative stress-driven DR5 upregulation restores TRAIL/Apo2L sensitivity induced by iron oxide nanoparticles in colorectal cancer. <i>Biomaterials</i> , 2020, 233, 119753.	11.4	32
118	Lymphangioliomyomatosis revealed by ⁶⁸ Ga-NOTA-Evans Blue PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2469-2470.	6.4	5
119	Three-dimensional label-free imaging of mammalian yolk sac vascular remodeling with optical resolution photoacoustic microscopy. <i>Photoacoustics</i> , 2020, 17, 100152.	7.8	12
120	Combined ⁶⁸ Ga-NOTA-Evans Blue Lymphoscintigraphy and ⁶⁸ Ga-NOTA-RM26 PET/CT Evaluation of Sentinel Lymph Node Metastasis in Breast Cancer Patients. <i>Bioconjugate Chemistry</i> , 2020, 31, 396-403.	3.6	9
121	Tale of Two Magnets: An Advanced Magnetic Targeting System. <i>ACS Nano</i> , 2020, 14, 7-11.	14.6	37
122	Smart Nanovesicle-Mediated Immunogenic Cell Death through Tumor Microenvironment Modulation for Effective Photodynamic Immunotherapy. <i>ACS Nano</i> , 2020, 14, 620-631.	14.6	192
123	Nanoscintillator-Mediated X-Ray Induced Photodynamic Therapy for Deep-Seated Tumors: From Concept to Biomedical Applications. <i>Theranostics</i> , 2020, 10, 1296-1318.	10.0	127
124	Metal-organic frameworks nanoswitch: Toward photo-controllable endo/lysosomal rupture and release for enhanced cancer RNA interference. <i>Nano Research</i> , 2020, 13, 238-245.	10.4	42
125	Cascaded Multiresponsive Self-Assembled ¹⁹ F MRI Nanoprobes with Redox-Triggered Activation and NIR-Induced Amplification. <i>Nano Letters</i> , 2020, 20, 363-371.	9.1	50
126	Core-Shell Heterostructured Magnetic-Plasmonic Nanoassemblies with Highly Retained Magnetic-Plasmonic Activities for Ultrasensitive Bioanalysis in Complex Matrix. <i>Advanced Science</i> , 2020, 7, 1902433.	11.2	31

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127	DOTA-Branched Organic Frameworks as Giant and Potent Metal Chelators. <i>Journal of the American Chemical Society</i> , 2020, 142, 198-206.	13.7	45
128	Label-Free Visualization of Early Cancer Hepatic Micrometastasis and Intraoperative Image-Guided Surgery by Photoacoustic Imaging. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1079-1085.	5.0	58
129	Noninvasive Visualization of Obesity-Boosted Inflammation in Orthotopic Pancreatic Ductal Adenocarcinoma Using an Octapod Iron Oxide Nanoparticle. <i>ACS Applied Bio Materials</i> , 2020, 3, 6408-6418.	4.6	3
130	Activating Macrophage-Mediated Cancer Immunotherapy by Genetically Edited Nanoparticles. <i>Advanced Materials</i> , 2020, 32, e2004853.	21.0	146
131	Reducing False Negatives in COVID-19 Testing by Using Microneedle-Based Oropharyngeal Swabs. <i>Matter</i> , 2020, 3, 1589-1600.	10.0	39
132	Cascade Reactions Catalyzed by Planar Metal-Organic Framework Hybrid Architecture for Combined Cancer Therapy. <i>Small</i> , 2020, 16, e2004016.	10.0	64
133	Targeted scavenging of extracellular ROS relieves suppressive immunogenic cell death. <i>Nature Communications</i> , 2020, 11, 4951.	12.8	132
134	Decoy nanoparticles protect against COVID-19 by concurrently adsorbing viruses and inflammatory cytokines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27141-27147.	7.1	173
135	Theranostic multimodal gold nanoclusters. <i>Nature Biomedical Engineering</i> , 2020, 4, 668-669.	22.5	14
136	Nanobiohybrids: A Synergistic Integration of Bacteria and Nanomaterials in Cancer Therapy. <i>BIO Integration</i> , 2020, 1, .	1.3	32
137	Endocytosis-Enabled Construction of Silica Nanochannels Crossing Living Cell Membrane for Transmembrane Drug Transport. <i>Advanced Functional Materials</i> , 2020, 30, 2002761.	14.9	11
138	Critical reviews of immunotheranostics. <i>Theranostics</i> , 2020, 10, 7403-7405.	10.0	3
139	Reactive Oxygen Species Activatable Heterodimeric Prodrug as Tumor-Selective Nanotheranostics. <i>ACS Nano</i> , 2020, 14, 16875-16886.	14.6	45
140	Clinical development and potential of photothermal and photodynamic therapies for cancer. <i>Nature Reviews Clinical Oncology</i> , 2020, 17, 657-674.	27.6	1,622
141	Calming the Cytokine Storm in Pneumonia by Biomimetic Nanoparticles. <i>Matter</i> , 2020, 3, 18-20.	10.0	11
142	Genetically engineered magnetic nanocages for cancer magneto-catalytic theranostics. <i>Nature Communications</i> , 2020, 11, 5421.	12.8	84
143	Recent Advances in Stimuli-Responsive Platforms for Cancer Immunotherapy. <i>Accounts of Chemical Research</i> , 2020, 53, 2044-2054.	15.6	72
144	Sonoactivated Chemodynamic Therapy: A Robust ROS Generation Nanotheranostic Eradicates Multidrug-Resistant Bacterial Infection. <i>Advanced Functional Materials</i> , 2020, 30, 2003587.	14.9	93

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145	Targeted Radionuclide Therapy in Patient-Derived Xenografts Using ¹⁷⁷ Lu-EB-RGD. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2034-2043.	4.1	22
146	Engineering Macrophages for Cancer Immunotherapy and Drug Delivery. <i>Advanced Materials</i> , 2020, 32, e2002054.	21.0	464
147	Nanoparticle delivery in vivo: A fresh look from intravital imaging. <i>EBioMedicine</i> , 2020, 59, 102958.	6.1	22
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1033	Schiff base chemistry of the $\{\text{ReO}\}_3+$ core: structural characterization of the unusual $\text{Re}^3+2\text{L}^{\text{TM}}$ complex $[\text{ReO}(\text{i-3-OC}_6\text{H}_4\text{-CH}_2\text{...NC}_6\text{H}_4\text{-2-S})(\text{i-2-OC}_6\text{H}_4)]$. <i>Inorganica Chimica Acta</i> , 2000, 307, 149-153.	2.4	28
1034	Exploring oxorhenium $\text{Re}^3+1\text{L}^{\text{TM}}$ mixed-ligand complexes carrying the S-benzyl-3-[(2-hydroxyphenyl)methylene]dithiocarbamate [ONS]/monothiol [S] donor set: synthesis and characterization. <i>Inorganica Chimica Acta</i> , 2000, 307, 154-159.	2.4	22
1035	Synthesis and crystal and molecular structure of a tetranuclear cluster based on the rhenium(III)-bisorganohydrazino core: $[\text{Re}(\text{HNNC}_4\text{H}_3\text{N}_2)(\text{NNC}_4\text{H}_3\text{N}_2)(\text{OCH}_3)_2]_4$. <i>Inorganica Chimica Acta</i> , 2000, 307, 160-163.	2.4	9
1036	Synthesis and characterization of oxorhenium(V) $\text{Re}^3+1\text{L}^{\text{TM}}$ mixed thiolate [SNS]/[S] and [ONS]/[S] complexes. Crystal and molecular structures of $[\text{ReO}(\text{i-3-SCH}_2\text{C}_5\text{H}_3\text{NCH}_2\text{S})(\text{i-1-C}_6\text{H}_4\text{Br-4-S})]$, $[\text{ReO}(\text{i-3-SCH}_2\text{C}_5\text{H}_3\text{NCH}_2\text{O})(\text{i-1-C}_6\text{H}_4\text{X-4-S})]$ (X=Cl, OMe), $[\text{ReO}(\text{i-3-SCH}_2\text{C}_5\text{H}_3\text{NCH}_2\text{O})(\text{i-1-C}_6\text{H}_4\text{OCH}_3\text{-4-CH}_2\text{S})]$ and $[\text{ReO}(\text{i-3-SCH}_2\text{C}_5\text{H}_3\text{NCH}_2\text{S})(\text{i-1-C}_5\text{H}_4\text{NH-2-S})][\text{Cl}]$. <i>Inorganica Chimica Acta</i> , 2000, 307, 88-96.	2.4	19
1037	The syntheses and structures of $\text{Re}^3+2\text{L}^{\text{TM}}$ and $\text{Re}^2+2+1\text{L}^{\text{TM}}$ oxorhenium mixed-ligand complexes employing 8-hydroxy-5-nitroquinoline as the bidentate N,O donor ligand. <i>Inorganica Chimica Acta</i> , 2000, 308, 80-90.	2.4	53
1038	An unexpected $\text{Re}^4+2\text{L}^{\text{TM}}$ $[\text{N}_3\text{S}]/[\text{NS}]$ rhenium(IV) complex formed upon cleavage of a Re(V) imido bond. <i>Inorganica Chimica Acta</i> , 2000, 310, 237-241.	2.4	10
1039	Syntheses and structural characterization of rhenium-bis-hydrazinopyrimidine core complexes with thiolate and Schiff base coligands. <i>Inorganica Chimica Acta</i> , 2000, 310, 210-216.	2.4	9
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1043	Selective extraction of strontium with supercritical fluid carbon dioxide. <i>Chemical Communications</i> , 1999, , 2533-2534.	4.1	19
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1048	Magnetic Nanomaterials for Diagnostics. , 0, , 365-392.		1
1049	Synthesis of [18F]FPPRGD2. , 0, , 51-60.		2