

# Xiaoyuan Chen

## List of Publications by Year in descending order

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1,049  
papers

124,728  
citations

81

175  
h-index

314

297  
g-index

1121  
all docs

1121  
docs citations

1121  
times ranked

90112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyprodrug Nanomedicines: An Emerging Paradigm for Cancer Therapy. <i>Advanced Materials</i> , 2022, 34, e2107434.	11.1	57
2	Smart Chemical Engineeringâ€Based Lightweight and Miniaturized Attachable Systems for Advanced Drug Delivery and Diagnostics. <i>Advanced Materials</i> , 2022, 34, e2106701.	11.1	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.	3.3	7
4	Near-infrared probes for luminescence lifetime imaging. <i>Nanotheranostics</i> , 2022, 6, 91-102.	2.7	10
5	Aptamerâ€based biosensors and application in tumor theranostics. <i>Cancer Science</i> , 2022, 113, 7-16.	1.7	29
6	Nanomaterials targeting tumor associated macrophages for cancer immunotherapy. <i>Journal of Controlled Release</i> , 2022, 341, 272-284.	4.8	41
7	Self-sufficient copper peroxide loaded pKa-tunable nanoparticles for lysosome-mediated chemodynamic therapy. <i>Nano Today</i> , 2022, 42, 101337.	6.2	41
8	A generic self-assembly approach towards phototheranostics for NIR-II fluorescence imaging and phototherapy. <i>Acta Biomaterialia</i> , 2022, 140, 601-609.	4.1	17
9	Microalgae-based bioactive hydrogel loaded with quorum sensing inhibitor promotes infected wound healing. <i>Nano Today</i> , 2022, 42, 101368.	6.2	55
10	A super-stable homogeneous Lipiodol-hydrophilic chemodrug formulation for treatment of hepatocellular carcinoma. <i>Theranostics</i> , 2022, 12, 1769-1782.	4.6	33
11	Evans blue-modified radiolabeled fibroblast activation protein inhibitor as long-acting cancer therapeutics. <i>Theranostics</i> , 2022, 12, 422-433.	4.6	46
12	Metal-free bioorthogonal click chemistry in cancer theranostics. <i>Chemical Society Reviews</i> , 2022, 51, 1336-1376.	18.7	76
13	The Chemistry of Organic Contrast Agents in the NIRâ€Window. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	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.	2.8	4
15	Coordinating the Mechanisms of Action of Ferroptosis and the Photothermal Effect for Cancer Theranostics. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	15
16	The Chemistry of Organic Contrast Agents in the NIRâ€Window. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	124
17	Coordinating the Mechanisms of Action of Ferroptosis and the Photothermal Effect for Cancer Theranostics. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	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.	11.1	64

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19	NIR-II laser-mediated photo-Fenton-like reaction via plasmonic Cu <sub>9</sub> S <sub>8</sub> for immunotherapy enhancement. <i>Nano Today</i> , 2022, 43, 101397.	6.2	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.	4.1	9
21	Antibody-incorporated Nanomedicines for Cancer Therapy. <i>Advanced Materials</i> , 2022, 34, e2109210.	11.1	32
22	<sup>18</sup> F-Alfatide II for the evaluation of axillary lymph nodes in breast cancer patients: comparison with <sup>18</sup> F-FDG. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2869-2876.	3.3	5
23	Biodegradable Metal-Organic Framework-Gated Organosilica for Tumor-Microenvironment-Unlocking Glutathione Depletion-Enhanced Synergistic Therapy. <i>Advanced Materials</i> , 2022, 34, e2107560.	11.1	61
24	Recent advances in biomaterial-boosted adoptive cell therapy. <i>Chemical Society Reviews</i> , 2022, 51, 1766-1794.	18.7	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.	4.6	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, .	7.2	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, .	1.6	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.	2.3	4
29	Photoacoustic Imaging-Guided Synergistic Photothermal/Radiotherapy Using Plasmonic Bi <sub>2</sub> O <sub>3</sub> Nanoparticles. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	20
30	Preliminary Clinical Application of RGD-Containing Peptides as PET Radiotracers for Imaging Tumors. <i>Frontiers in Oncology</i> , 2022, 12, 837952.	1.3	17
31	A Paradigm of Cancer Immunotherapy Based on <sup>2</sup> -[ <sup>18</sup> F]FDG and Anti-PD-L1 mAb Combination to Enhance the Antitumor Effect. <i>Clinical Cancer Research</i> , 2022, 28, 2923-2937.	3.2	12
32	Localized NIR-II laser mediated chemodynamic therapy of glioblastoma. <i>Nano Today</i> , 2022, 43, 101435.	6.2	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.	15.6	125
34	Reactive Oxygen Species Scavenging Nanomedicine for the Treatment of Ischemic Heart Disease. <i>Advanced Materials</i> , 2022, 34, e2202169.	11.1	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.	7.3	19
36	Protective effect of platinum nano-antioxidant and nitric oxide against hepatic ischemia-reperfusion injury. <i>Nature Communications</i> , 2022, 13, 2513.	5.8	43

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37	Nanomaterial-mediated ablation therapy for cancer stem cells. <i>Matter</i> , 2022, 5, 1367-1390.	5.0	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.	6.2	7
39	A genetic engineering strategy for editing near-infrared-II fluorophores. <i>Nature Communications</i> , 2022, 13, .	5.8	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.	2.0	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.	2.9	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.	2.3	15
43	The roles of polymers in mRNA delivery. <i>Matter</i> , 2022, 5, 1670-1699.	5.0	20
44	Levonorgestrel-protected Au <sub>8</sub> and Au <sub>10</sub> clusters with different antimicrobial abilities. <i>Journal of Materials Chemistry B</i> , 2022, 10, 5028-5034.	2.9	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.	5.0	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, .	11.1	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.	6.6	19
48	Microfluidics-Assisted Fluorescence Mapping of DNA Phosphorothioation. <i>Analytical Chemistry</i> , 2022, 94, 10479-10486.	3.2	1
49	Stimuli-Responsive Plasmonic Assemblies and Their Biomedical Applications. <i>Nano Today</i> , 2021, 36, 101014.	6.2	45
50	Extracellular vesicle-coated nanoparticles. <i>View</i> , 2021, 2, 20200187.	2.7	27
51	<sup>177</sup> 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.	3.2	19
52	Supramolecular coordination complexes as diagnostic and therapeutic agents. <i>Current Opinion in Chemical Biology</i> , 2021, 61, 19-31.	2.8	24
53	Peptide Receptor Radionuclide Therapy of Late-Stage Neuroendocrine Tumor Patients with Multiple Cycles of <sup>177</sup> Lu-DOTA-EB-TATE. <i>Journal of Nuclear Medicine</i> , 2021, 62, 386-392.	2.8	15
54	Multi-Responsive Bottlebrush-Like Unimolecules Self-Assembled Nano-Riceball for Synergistic Sono-Chemotherapy. <i>Small Methods</i> , 2021, 5, e2000416.	4.6	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.	7.2	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.	1.6	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.	3.9	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.	2.6	6
59	Supramolecular cancer nanotheranostics. <i>Chemical Society Reviews</i> , 2021, 50, 2839-2891.	18.7	257
60	Mn <sup>3+</sup> -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.	4.6	19
61	Oxygen-Evolving Manganese Ferrite Nanovesicles for Hypoxia-Responsive Drug Delivery and Enhanced Cancer Chemoimmunotherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2008078.	7.8	65
62	Tumor Vasculature. , 2021, , 831-867.		1
63	Fluorescence imaging of pathophysiological microenvironments. <i>Chemical Society Reviews</i> , 2021, 50, 8887-8902.	18.7	247
64	A hybrid semiconducting organosilica-based O <sub>2</sub> nanoeconomizer for on-demand synergistic photothermally-boosted radiotherapy. <i>Nature Communications</i> , 2021, 12, 523.	5.8	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.	4.6	105
66	Cascade Drug-Release Strategy for Enhanced Anticancer Therapy. <i>Matter</i> , 2021, 4, 26-53.	5.0	38
67	Rationally Programming Nanomaterials with DNA for Biomedical Applications. <i>Advanced Science</i> , 2021, 8, 2003775.	5.6	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.	11.1	20
69	Bombesin-Tethered Reactive Oxygen Species (ROS)-Responsive Nanoparticles for Monomethyl Auristatin F (MMAF) Delivery. <i>Bioengineering</i> , 2021, 8, 43.	1.6	3
70	Polyphenol-Containing Nanoparticles: Synthesis, Properties, and Therapeutic Delivery. <i>Advanced Materials</i> , 2021, 33, e2007356.	11.1	216
71	Imaging of Insulinoma by Targeting Glucagonlike Peptide-1 Receptor. <i>PET Clinics</i> , 2021, 16, 205-217.	1.5	1
72	Photodynamic-Chemodynamic Cascade Reactions for Efficient Drug Delivery and Enhanced Combination Therapy. <i>Advanced Science</i> , 2021, 8, 2002927.	5.6	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.	11.1	43
74	Beyond Photo: Xdynamic Therapies in Fighting Cancer. <i>Advanced Materials</i> , 2021, 33, e2007488.	11.1	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.	7.2	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.	1.6	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.	7.3	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.	7.2	150
79	Stimuli-responsive size-changeable strategy for cancer theranostics. <i>Nano Today</i> , 2021, 38, 101208.	6.2	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.	5.6	8
81	Supramolecular Polymerization-Induced Nanoassemblies for Self-Augmented Cascade Chemotherapy and Chemodynamic Therapy of Tumor. <i>Angewandte Chemie</i> , 2021, 133, 17711-17719.	1.6	10
82	Synthesis and Bioapplications of Ag <sub>2</sub> S Quantum Dots with Near-Infrared Fluorescence. <i>Advanced Materials</i> , 2021, 33, e2007768.	11.1	87
83	<sup>68</sup> Ga-NOTA-Evans Blue PET/CT findings in lymphangioleiomyomatosis compared with <sup>99m</sup> Tc-ASC lymphoscintigraphy: a prospective study. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 279.	1.2	2
84	Functional Micro-Nanomaterials for Multiplexed Biodetection. <i>Advanced Materials</i> , 2021, 33, e2004734.	11.1	35
85	Functional Micro-Nanomaterials: Functional Micro-Nanomaterials for Multiplexed Biodetection (Adv.) <i>Tj ETQq</i> 11.1 0.784314 rgBT 11.1	11.1	0
86	Phototherapy meets immunotherapy: a win-win strategy to fight against cancer. <i>Nanophotonics</i> , 2021, 10, 3229-3245.	2.9	43
87	Recent advances in enhanced chemodynamic therapy strategies. <i>Nano Today</i> , 2021, 39, 101162.	6.2	159
88	Enantiomeric alkynyl-protected Au <sub>10</sub> clusters with chirality-dependent radiotherapy enhancing effects. <i>Nano Today</i> , 2021, 39, 101222.	6.2	27
89	A hypoxia responsive nanoassembly for tumor specific oxygenation and enhanced sonodynamic therapy. <i>Biomaterials</i> , 2021, 275, 120822.	5.7	57
90	Extracellular vesicles as a drug delivery system: A systematic review of preclinical studies. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113801.	6.6	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.	7.2	22
92	Exquisite Vesicular Nanomedicine by Paclitaxel Mediated Co-Assembly with Camptothecin Prodrug. <i>Angewandte Chemie</i> , 2021, 133, 21201-21207.	1.6	2
93	Optimization of Enzymolysis Clearance Strategy To Enhance Renal Clearance of Radioligands. <i>Bioconjugate Chemistry</i> , 2021, 32, 2108-2116.	1.8	10
94	Manipulating Intratumoral Fenton Chemistry for Enhanced Chemodynamic and Chemodynamic-Synergized Multimodal Therapy. <i>Advanced Materials</i> , 2021, 33, e2104223.	11.1	210
95	Singlet Oxygen "Afterglow" Therapy with NIR-II Fluorescent Molecules. <i>Advanced Materials</i> , 2021, 33, e2103627.	11.1	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.	7.3	18
97	Endogenous dual stimuli-activated NO generation in the conventional outflow pathway for precision glaucoma therapy. <i>Biomaterials</i> , 2021, 277, 121074.	5.7	14
98	Pnictogen Semimetal (Sb, Bi)-Based Nanomaterials for Cancer Imaging and Therapy: A Materials Perspective. <i>ACS Nano</i> , 2021, 15, 2038-2067.	7.3	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.	3.2	4
100	Genetically Programmable Fusion Cellular Vesicles for Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26320-26326.	7.2	55
101	Genetically Programmable Fusion Cellular Vesicles for Cancer Immunotherapy. <i>Angewandte Chemie</i> , 2021, 133, 26524-26530.	1.6	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.	4.5	31
103	Ligand Engineering of Titanium-Oxo Nanoclusters for Cerenkov Radiation-Reinforced Photo/Chemodynamic Tumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 54727-54738.	4.0	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.	7.3	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.	4.2	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.	4.2	20
107	Repurposing ICG enables MR/PA imaging signal amplification and iron depletion for iron-overload disorders. <i>Science Advances</i> , 2021, 7, eabl5862.	4.7	17
108	Preparation and properties of reduced graphene oxide/polyimide composite films. <i>High Performance Polymers</i> , 2020, 32, 65-72.	0.8	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.	1.6	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.	7.2	131
111	Ultraschallaktivierte Sensibilisatoren. <i>Angewandte Chemie</i> , 2020, 132, 14316-14338.	1.6	11
112	Ultrasound-Activated Sensitizers and Applications. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14212-14233.	7.2	271
113	In Situ Polymerized Hollow Mesoporous Organosilica Biocatalysis Nanoreactor for Enhancing ROS-Mediated Anticancer Therapy. <i>Advanced Functional Materials</i> , 2020, 30, 1907716.	7.8	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.	1.6	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.	7.2	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.	7.2	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.	5.7	32
118	Lymphangioliomyomatosis revealed by <sup>68</sup> Ga-NOTA-Evans Blue PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2469-2470.	3.3	5
119	Three-dimensional label-free imaging of mammalian yolk sac vascular remodeling with optical resolution photoacoustic microscopy. <i>Photoacoustics</i> , 2020, 17, 100152.	4.4	12
120	Combined <sup>68</sup> Ga-NOTA-Evans Blue Lymphoscintigraphy and <sup>68</sup> Ga-NOTA-RM26 PET/CT Evaluation of Sentinel Lymph Node Metastasis in Breast Cancer Patients. <i>Bioconjugate Chemistry</i> , 2020, 31, 396-403.	1.8	9
121	Tale of Two Magnets: An Advanced Magnetic Targeting System. <i>ACS Nano</i> , 2020, 14, 7-11.	7.3	37
122	Smart Nanovesicle-Mediated Immunogenic Cell Death through Tumor Microenvironment Modulation for Effective Photodynamic Immunotherapy. <i>ACS Nano</i> , 2020, 14, 620-631.	7.3	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.	4.6	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.	5.8	42
125	Cascaded Multiresponsive Self-Assembled <sup>19</sup> F MRI Nanoprobes with Redox-Triggered Activation and NIR-Induced Amplification. <i>Nano Letters</i> , 2020, 20, 363-371.	4.5	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.	5.6	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.	6.6	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.	2.8	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.	2.3	3
130	Activating Macrophage-Mediated Cancer Immunotherapy by Genetically Edited Nanoparticles. <i>Advanced Materials</i> , 2020, 32, e2004853.	11.1	146
131	Reducing False Negatives in COVID-19 Testing by Using Microneedle-Based Oropharyngeal Swabs. <i>Matter</i> , 2020, 3, 1589-1600.	5.0	39
132	Cascade Reactions Catalyzed by Planar Metal-Organic Framework Hybrid Architecture for Combined Cancer Therapy. <i>Small</i> , 2020, 16, e2004016.	5.2	64
133	Targeted scavenging of extracellular ROS relieves suppressive immunogenic cell death. <i>Nature Communications</i> , 2020, 11, 4951.	5.8	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.	3.3	173
135	Theranostic multimodal gold nanoclusters. <i>Nature Biomedical Engineering</i> , 2020, 4, 668-669.	11.6	14
136	Nanobiohybrids: A Synergistic Integration of Bacteria and Nanomaterials in Cancer Therapy. <i>BIO Integration</i> , 2020, 1, .	0.9	32
137	Endocytosis-Enabled Construction of Silica Nanochannels Crossing Living Cell Membrane for Transmembrane Drug Transport. <i>Advanced Functional Materials</i> , 2020, 30, 2002761.	7.8	11
138	Critical reviews of immunotheranostics. <i>Theranostics</i> , 2020, 10, 7403-7405.	4.6	3
139	Reactive Oxygen Species Activatable Heterodimeric Prodrug as Tumor-Selective Nanotheranostics. <i>ACS Nano</i> , 2020, 14, 16875-16886.	7.3	45
140	Clinical development and potential of photothermal and photodynamic therapies for cancer. <i>Nature Reviews Clinical Oncology</i> , 2020, 17, 657-674.	12.5	1,622
141	Calming the Cytokine Storm in Pneumonia by Biomimetic Nanoparticles. <i>Matter</i> , 2020, 3, 18-20.	5.0	11
142	Genetically engineered magnetic nanocages for cancer magneto-catalytic theranostics. <i>Nature Communications</i> , 2020, 11, 5421.	5.8	84
143	Recent Advances in Stimuli-Responsive Platforms for Cancer Immunotherapy. <i>Accounts of Chemical Research</i> , 2020, 53, 2044-2054.	7.6	72
144	Sonoactivated Chemodynamic Therapy: A Robust ROS Generation Nanotheranostic Eradicates Multidrug-Resistant Bacterial Infection. <i>Advanced Functional Materials</i> , 2020, 30, 2003587.	7.8	93

#	ARTICLE	IF	CITATIONS
145	Targeted Radionuclide Therapy in Patient-Derived Xenografts Using <sup>177</sup> Lu-EB-RGD. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2034-2043.	1.9	22
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291	Stimuli-Responsive Nanotheranostics for Real-Time Monitoring Drug Release by Photoacoustic Imaging. <i>Theranostics</i> , 2019, 9, 526-536.	4.6	98
292	Near-Infrared Light-Triggered Sulfur Dioxide Gas Therapy of Cancer. <i>ACS Nano</i> , 2019, 13, 2103-2113.	7.3	86
293	Advances in immunotherapy of type I diabetes. <i>Advanced Drug Delivery Reviews</i> , 2019, 139, 83-91.	6.6	32
294	High-content analysis for mitophagy response to nanoparticles: A potential sensitive biomarker for nanosafety assessment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 15, 59-69.	1.7	21
295	Antidiabetic Effect of Abextide, a Long-Acting Exendin-4 Analogue in Cynomolgus Monkeys. <i>Advanced Healthcare Materials</i> , 2019, 8, e1800686.	3.9	4
296	Photothermal therapy and photoacoustic imaging <i>via</i> nanotheranostics in fighting cancer. <i>Chemical Society Reviews</i> , 2019, 48, 2053-2108.	18.7	2,033
297	SAT-575 Radiolabeled Somatostatin Receptor Analog 86Y-EB-TATE is Characterized by Superior Tumor Uptake Compared to 68Ga-DOTA-TATE and 68Ga-DOTA-JR11 in Thyroid Cancer Mice Models. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
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326	In Situ shRNA Synthesis on DNA-Poly(lactide) Nanoparticles to Treat Multidrug Resistant Breast Cancer. <i>Advanced Materials</i> , 2018, 30, 1705737.	11.1	62
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328	Hypochlorous Acid Promoted Platinum Drug Chemotherapy by Myeloperoxidase-Encapsulated Therapeutic Metal Phenolic Nanoparticles. <i>ACS Nano</i> , 2018, 12, 455-463.	7.3	134
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330	Smart gold nanoparticle-stabilized ultrasound microbubbles as cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3235-3239.	2.9	20
331	Cooperative Assembly of Magneto-Nanovesicles with Tunable Wall Thickness and Permeability for MRI-Guided Drug Delivery. <i>Journal of the American Chemical Society</i> , 2018, 140, 4666-4677.	6.6	138
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339	<sup>68</sup> Ga-NOTA-RM26 PET/CT in the Evaluation of Breast Cancer. <i>Clinical Nuclear Medicine</i> , 2018, 43, 663-669.	0.7	40
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344	A discrete organoplatinum(II) metallacage as a multimodality theranostic platform for cancer photochemotherapy. <i>Nature Communications</i> , 2018, 9, 4335.	5.8	197
345	Fenton-Reaction-Acceleratable Magnetic Nanoparticles for Ferroptosis Therapy of Orthotopic Brain Tumors. <i>ACS Nano</i> , 2018, 12, 11355-11365.	7.3	449
346	Reprogramming Tumor-Associated Macrophages by Nanoparticle-Based Reactive Oxygen Species Photogeneration. <i>Nano Letters</i> , 2018, 18, 7330-7342.	4.5	161
347	Near-Infrared Semiconducting Polymer Brush and pH/GSH-Responsive Polyoxometalate Cluster Hybrid Platform for Enhanced Tumor-Specific Phototheranostics. <i>Angewandte Chemie</i> , 2018, 130, 14297-14301.	1.6	29
348	Near-Infrared Semiconducting Polymer Brush and pH/GSH-Responsive Polyoxometalate Cluster Hybrid Platform for Enhanced Tumor-Specific Phototheranostics. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14101-14105.	7.2	138
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350	Hierarchical Tumor Microenvironment-Responsive Nanomedicine for Programmed Delivery of Chemotherapeutics. <i>Advanced Materials</i> , 2018, 30, e1803926.	11.1	119
351	Synchronous Chemoradiation Nanovesicles by X-Ray Triggered Cascade of Drug Release. <i>Angewandte Chemie</i> , 2018, 130, 8599-8603.	1.6	4
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381	Controllable self-assembled plasmonic vesicle-based three-dimensional SERS platform for picomolar detection of hydrophobic contaminants. <i>Nanoscale</i> , 2018, 10, 13202-13211.	2.8	25
382	Peptide-based imaging agents for cancer detection. <i>Advanced Drug Delivery Reviews</i> , 2017, 110-111, 38-51.	6.6	176
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400	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6492-6496.	7.2	328
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405	Nanotechnology-Enhanced No-Wash Biosensors for <i>In Vitro</i> Diagnostics of Cancer. <i>ACS Nano</i> , 2017, 11, 5238-5292.	7.3	208
406	Enhanced Afterglow Performance of Persistent Luminescence Implants for Efficient Repeatable Photodynamic Therapy. <i>ACS Nano</i> , 2017, 11, 5864-5872.	7.3	136
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410	Double-Layered Plasmonic-Magnetic Vesicles by Self-Assembly of Janus Amphiphilic Gold-Iron(II,III) Oxide Nanoparticles. <i>Angewandte Chemie</i> , 2017, 129, 8222-8226.	1.6	25
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414	<i>T<sub>1</sub></i> - <i>T<sub>2</sub></i> Dual-Modal Magnetic Resonance Imaging: From Molecular Basis to Contrast Agents. <i>ACS Nano</i> , 2017, 11, 5227-5232.	7.3	108



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417	Silver Nanowires Modified with PEDOT: PSS and Graphene for Organic Light-Emitting Diodes Anode. <i>Scientific Reports</i> , 2017, 7, 45392.	1.6	28
418	Impact of Semiconducting Perylene Diimide Nanoparticle Size on Lymph Node Mapping and Cancer Imaging. <i>ACS Nano</i> , 2017, 11, 4247-4255.	7.3	157
419	Cancer-Associated, Stimuli-Driven, Turn on Theranostics for Multimodality Imaging and Therapy. <i>Advanced Materials</i> , 2017, 29, 1606857.	11.1	290
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421	Croconaine nanoparticles with enhanced tumor accumulation for multimodality cancer theranostics. <i>Biomaterials</i> , 2017, 129, 28-36.	5.7	73
422	Yolk-Shell Nanostructure: An Ideal Architecture to Achieve Harmonious Integration of Magnetic-Plasmonic Hybrid Theranostic Platform. <i>Advanced Materials</i> , 2017, 29, 1606681.	11.1	106
423	Reprogrammable ultra-fast shape-transformation of macroporous composite hydrogel sheets. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2883-2887.	2.9	23
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425	Engineering Phototheranostic Nanoscale Metal-Organic Frameworks for Multimodal Imaging-Guided Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 2040-2051.	4.0	278
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1026	Unusual Magnetic Properties of One-Dimensional Molecule-Based Magnets Associated with a Structural Phase Transition. <i>Inorganic Chemistry</i> , 2002, 41, 5686-5692.	1.9	197

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1027	Synthesis and structural characterization of rhenium(I) tricarbonyl complexes with the bidentate ligands o-(diphenylphosphino)benzaldehyde (Pâˆ©O) and o-[(diphenylphosphino)benzylidene]aniline (Pâˆ©N). <i>Inorganica Chimica Acta</i> , 2001, 315, 147-152.	1.2	41
1028	Synthesis, characterization and crystal structures of mono-, di- and trinuclear rhenium(I) tricarbonyl complexes with 2,3,5,6-tetra(2-pyridyl)pyrazine. <i>Inorganica Chimica Acta</i> , 2001, 315, 66-72.	1.2	28
1029	Schiff base chemistry of the rhenium(V)-oxo core with $\text{Re}^3+2\text{Re}^{\text{TM}}$ ligand donor sets. <i>Inorganica Chimica Acta</i> , 2001, 316, 33-40.	1.2	24
1030	Synthesis and characterization of complexes of the $\{\text{ReO}\}_3+$ core with SNS and S donor ligands. <i>Inorganica Chimica Acta</i> , 2000, 306, 30-37.	1.2	21
1031	Structural characterizations of an Re(IV) complex $[\text{ReCl}_4(\text{OPPh}_3)_2]$ and of an imino species $[\text{ReOCl}_2(\text{PPh}_3)(\text{i-2-OC}_6\text{H}_4\text{-2-CH}\tilde{\text{...}}\text{NH})]$ prepared from the reaction of $[\text{ReOCl}_3(\text{PPh}_3)_2]$ with salicylaldoxime. <i>Inorganica Chimica Acta</i> , 2000, 306, 112-115.	1.2	8
1032	Investigations of the $\{\text{ReO}\}_3+$ core: A $\text{Re}^2+2\text{Re}^{\text{TM}}$ complex from bidentate and potentially trident ligands: $[\text{ReO}(\text{i-2-HOC}_6\text{H}_4\text{-2-CH}_2\text{NC}_6\text{H}_4\text{S})(\text{i-2-SC}_5\text{H}_4\text{N})(\text{PPh}_3)]$ . <i>Inorganica Chimica Acta</i> , 2000, 306, 38-41.	1.2	6
1033	Schiff base chemistry of the $\{\text{ReO}\}_3+$ core: structural characterization of the unusual $\text{Re}^3+2\text{Re}^{\text{TM}}$ complex $[\text{ReO}(\text{i-3-OC}_6\text{H}_4\text{â€“CH}\tilde{\text{...}}\text{NC}_6\text{H}_4\text{-2-S})(\text{i-2-OC}_6\text{H}_4)]$ . <i>Inorganica Chimica Acta</i> , 2000, 307, 149-153.	1.2	28
1034	Exploring oxorhenium $\text{Re}^3+1\text{Re}^{\text{TM}}$ mixed-ligand complexes carrying the S-benzyl-3-[(2-hydroxyphenyl)methylene]dithiocarbazate [ONS]/monothiol [S] donor set: synthesis and characterization. <i>Inorganica Chimica Acta</i> , 2000, 307, 154-159.	1.2	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.	1.2	9
1036	Synthesis and characterization of oxorhenium(V) $\text{Re}^3+1\text{Re}^{\text{TM}}$ 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.	1.2	19
1037	The syntheses and structures of $\text{Re}^3+2\text{Re}^{\text{TM}}$ and $\text{Re}^2+2+1\text{Re}^{\text{TM}}$ 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.	1.2	53
1038	An unexpected $\text{Re}^4+2\text{Re}^{\text{TM}}$ $[\text{N}_3\text{S}]/[\text{NS}]$ rhenium(IV) complex formed upon cleavage of a Re(V) imido bond. <i>Inorganica Chimica Acta</i> , 2000, 310, 237-241.	1.2	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.	1.2	9
1040	Oxorhenium(V) complexes containing tridentate Schiff-base and monothiol coligands. <i>Inorganica Chimica Acta</i> , 2000, 300-302, 517-524.	1.2	22
1041	Monofunctionalization of Calix[4]arene Tetracarboxylic Acid at the Upper Rim with Isothiocyanate Group: First Bifunctional Chelating Agent for Alpha-Emitter Ac-225. <i>Synlett</i> , 1999, 1999, 1784-1786.	1.0	6
1042	Synthesizing and Dispersing Silver Nanoparticles in a Water-in-Supercritical Carbon Dioxide Microemulsion. <i>Journal of the American Chemical Society</i> , 1999, 121, 2631-2632.	6.6	292
1043	Selective extraction of strontium with supercritical fluid carbon dioxide. <i>Chemical Communications</i> , 1999, , 2533-2534.	2.2	19
1044	Correction to Chemical Reactions in Supercritical Carbon Dioxide. <i>Journal of Chemical Education</i> , 1999, 76, 166.	1.1	1

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1045	Ionizable Calixarene-Crown Ethers with High Selectivity for Radium over Light Alkaline Earth Metal Ions. <i>Inorganic Chemistry</i> , 1999, 38, 5449-5452.	1.9	52
1046	Chemical Reactions in Supercritical Carbon Dioxide. <i>Journal of Chemical Education</i> , 1998, 75, 1641.	1.1	36
1047	PET Imaging of Tumor Integrin Expression. , 0, , .		0
1048	Magnetic Nanomaterials for Diagnostics. , 0, , 365-392.		1
1049	Synthesis of [ <sup>18</sup> F]FPPRGD2. , 0, , 51-60.		2