

Xiaoyuan Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

1,054
papers

93,709
citations

152
h-index

258
g-index

1,121
ext. papers

108,899
ext. citations

12
avg, IF

8.73
L-index

#	Paper	IF	Citations
1054	A super-stable homogeneous Lipiodol-hydrophilic chemodrug formulation for treatment of hepatocellular carcinoma.. <i>Theranostics</i> , 2022 , 12, 1769-1782	12.1	7
1053	Evans blue-modified radiolabeled fibroblast activation protein inhibitor as long-acting cancer therapeutics.. <i>Theranostics</i> , 2022 , 12, 422-433	12.1	4
1052	Metal-free bioorthogonal click chemistry in cancer theranostics.. <i>Chemical Society Reviews</i> , 2022 ,	58.5	5
1051	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	8.4	1
1050	Hybrid Membrane-Decorated Prussian Blue for Effective Cancer Immunotherapy via Tumor-Associated Macrophages Polarization and Hypoxia Relief.. <i>Advanced Materials</i> , 2022 , e2200389	24	8
1049	NIR-II laser-mediated photo-Fenton-like reaction via plasmonic Cu9S8 for immunotherapy enhancement. <i>Nano Today</i> , 2022 , 43, 101397	17.9	2
1048	Antibody-Incorporated Nanomedicines for Cancer Therapy.. <i>Advanced Materials</i> , 2022 , e2109210	24	6
1047	F-Alfatide II for the evaluation of axillary lymph nodes in breast cancer patients: comparison with F-FDG.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022 , 1	8.8	0
1046	Self-sufficient copper peroxide loaded pKa-tunable nanoparticles for lysosome-mediated chemodynamic therapy. <i>Nano Today</i> , 2022 , 42, 101337	17.9	4
1045	Microalgae-based bioactive hydrogel loaded with quorum sensing inhibitor promotes infected wound healing. <i>Nano Today</i> , 2022 , 42, 101368	17.9	6
1044	Near-infrared probes for luminescence lifetime imaging.. <i>Nanotheranostics</i> , 2022 , 6, 91-102	5.6	1
1043	Recent advances in biomaterial-boosted adoptive cell therapy.. <i>Chemical Society Reviews</i> , 2022 ,	58.5	1
1042	Avoiding the self-nucleation interference: a pH-regulated gold growth strategy to enable ultrasensitive immunochromatographic diagnostics.. <i>Theranostics</i> , 2022 , 12, 2801-2810	12.1	1
1041	Preliminary Clinical Application of RGD-Containing Peptides as PET Radiotracers for Imaging Tumors.. <i>Frontiers in Oncology</i> , 2022 , 12, 837952	5.3	2
1040	Localized NIR-II laser mediated chemodynamic therapy of glioblastoma. <i>Nano Today</i> , 2022 , 43, 101435	17.9	4
1039	Reactive Oxygen Species Scavenging Nanomedicine for The Treatment of Ischemic Heart Disease.. <i>Advanced Materials</i> , 2022 , e2202169	24	9
1038	Protective effect of platinum nano-antioxidant and nitric oxide against hepatic ischemia-reperfusion injury.. <i>Nature Communications</i> , 2022 , 13, 2513	17.4	5

1037	Nanomaterial-mediated ablation therapy for cancer stem cells. <i>Matter</i> , 2022 , 5, 1367-1390	12.7	1
1036	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	17.9	4
1035	Computational investigation of substituent effects on the fluorescence wavelengths of oxyluciferin analogs. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022 , 431, 114018	4.7	
1034	The roles of polymers in mRNA delivery. <i>Matter</i> , 2022 , 5, 1670-1699	12.7	1
1033	The Chemistry of Organic Contrast Agents in the NIR-II Window. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	14
1032	Biodegradable Metal-Organic Framework-Gated Organosilica for Tumor Microenvironment-Unlocked Glutathione Depletion-Enhanced Synergistic Therapy.. <i>Advanced Materials</i> , 2021 , e2107560	24	9
1031	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	9.4	3
1030	Genetically Programmable Fusion Cellular Vesicles for Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26320-26326	16.4	11
1029	Aptamer-based biosensors and application in tumor theranostics. <i>Cancer Science</i> , 2021 , 113, 7	6.9	7
1028	Genetically Programmable Fusion Cellular Vesicles for Cancer Immunotherapy. <i>Angewandte Chemie</i> , 2021 , 133, 26524	3.6	
1027	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	11.5	4
1026	Nanomaterials targeting tumor associated macrophages for cancer immunotherapy. <i>Journal of Controlled Release</i> , 2021 , 341, 272-284	11.7	2
1025	Ligand Engineering of Titanium-Oxo Nanoclusters for Cerenkov Radiation-Reinforced Photo/Chemodynamic Tumor Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 54727-54738	9.5	2
1024	Radioiodinated 4-(Iodophenyl) Butanoic Acid-Modified Estradiol Derivative for ER Targeting SPECT Imaging. <i>Analytical Chemistry</i> , 2021 , 93, 13998-14006	7.8	2
1023	Polyprodrug Nanomedicines: An Emerging Paradigm for Cancer Therapy. <i>Advanced Materials</i> , 2021 , e2107434	17.4	10
1022	Smart Chemical Engineering-based Lightweight and Miniaturized Attachable Systems for Advanced Drug Delivery and Diagnostics. <i>Advanced Materials</i> , 2021 , e2106701	24	3
1021	Somatostatin receptor imaging with [Ga]Ga-DOTATATE positron emission tomography/computed tomography (PET/CT) in patients with nasopharyngeal carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 1	8.8	0
1020	Bombesin-Tethered Reactive Oxygen Species (ROS)-Responsive Nanoparticles for Monomethyl Auristatin F (MMAF) Delivery. <i>Bioengineering</i> , 2021 , 8,	5.3	2

1019	Polyphenol-Containing Nanoparticles: Synthesis, Properties, and Therapeutic Delivery. <i>Advanced Materials</i> , 2021 , 33, e2007356	24	47
1018	Imaging of Insulinoma by Targeting Glucagonlike Peptide-1 Receptor. <i>PET Clinics</i> , 2021 , 16, 205-217	2.2	0
1017	Photodynamic-Chemodynamic Cascade Reactions for Efficient Drug Delivery and Enhanced Combination Therapy. <i>Advanced Science</i> , 2021 , 8, 2002927	13.6	18
1016	Capturing Cytokines with Advanced Materials: A Potential Strategy to Tackle COVID-19 Cytokine Storm. <i>Advanced Materials</i> , 2021 , 33, e2100012	24	16
1015	Beyond Photo: Xdynamic Therapies in Fighting Cancer. <i>Advanced Materials</i> , 2021 , 33, e2007488	24	16
1014	Singlet Oxygen Generation in Dark-Hypoxia by Catalytic Microenvironment-Tailored Nanoreactors for NIR-II Fluorescence-Monitored Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15006-15012	16.4	23
1013	Singlet Oxygen Generation in Dark-Hypoxia by Catalytic Microenvironment-Tailored Nanoreactors for NIR-II Fluorescence-Monitored Chemodynamic Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 15133-15139	3.6	7
1012	Antiangiogenesis Combined with Inhibition of the Hypoxia Pathway Facilitates Low-Dose, X-ray-Induced Photodynamic Therapy. <i>ACS Nano</i> , 2021 ,	16.7	2
1011	Supramolecular Polymerization-Induced Nanoassemblies for Self-Augmented Cascade Chemotherapy and Chemodynamic Therapy of Tumor. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17570-17578	16.4	35
1010	Stimuli-responsive size-changeable strategy for cancer theranostics. <i>Nano Today</i> , 2021 , 38, 101208	17.9	5
1009	Intravital Whole-Process Monitoring Thermo-Chemotherapy Via 2D Silicon Nanoplatfrom: A Macro Guidance and Long-Term Microscopic Precise Imaging Strategy. <i>Advanced Science</i> , 2021 , 8, e2101242	13.6	2
1008	Supramolecular Polymerization-Induced Nanoassemblies for Self-Augmented Cascade Chemotherapy and Chemodynamic Therapy of Tumor. <i>Angewandte Chemie</i> , 2021 , 133, 17711-17719	3.6	2
1007	Synthesis and Bioapplications of Ag S Quantum Dots with Near-Infrared Fluorescence. <i>Advanced Materials</i> , 2021 , 33, e2007768	24	18
1006	Ga-NOTA-Evans Blue PET/CT findings in lymphangioleiomyomatosis compared with TC-ASC lymphoscintigraphy: a prospective study. <i>Orphanet Journal of Rare Diseases</i> , 2021 , 16, 279	4.2	1
1005	Functional Micro-/Nanomaterials for Multiplexed Biodetection. <i>Advanced Materials</i> , 2021 , 33, e2004734	24	6
1004	Functional Micro-/Nanomaterials: Functional Micro-/Nanomaterials for Multiplexed Biodetection (Adv. Mater. 30/2021). <i>Advanced Materials</i> , 2021 , 33, 2170235	24	
1003	Stimuli-Responsive Plasmonic Assemblies and Their Biomedical Applications. <i>Nano Today</i> , 2021 , 36, 101014	14.9	101014
1002	Extracellular vesicle-coated nanoparticles. <i>View</i> , 2021 , 2, 20200187	7.8	7

1001	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	12.9	7
1000	Supramolecular coordination complexes as diagnostic and therapeutic agents. <i>Current Opinion in Chemical Biology</i> , 2021 , 61, 19-31	9.7	11
999	Peptide Receptor Radionuclide Therapy of Late-Stage Neuroendocrine Tumor Patients with Multiple Cycles of Lu-DOTA-EB-TATE. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 386-392	8.9	6
998	Multi-Responsive Bottlebrush-Like Unimolecules Self-Assembled Nano-Riceball for Synergistic Sono-Chemotherapy.. <i>Small Methods</i> , 2021 , 5, e2000416	12.8	26
997	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	16.4	37
996	Cell Death Mediated by the Pyroptosis Pathway with the Aid of Nanotechnology: Prospects for Cancer Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 8096-8112	3.6	4
995	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	14.8	7
994	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	7.4	5
993	Supramolecular cancer nanotheranostics. <i>Chemical Society Reviews</i> , 2021 , 50, 2839-2891	58.5	88
992	Mn-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	12.1	5
991	Oxygen-Evolving Manganese Ferrite Nanovesicles for Hypoxia-Responsive Drug Delivery and Enhanced Cancer Chemoimmunotherapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2008078	15.6	25
990	Tumor Vasculature 2021 , 831-867		0
989	Fluorescence imaging of pathophysiological microenvironments. <i>Chemical Society Reviews</i> , 2021 , 50, 8887-8902	58.5	48
988	A hybrid semiconducting organosilica-based O nanoeconomizer for on-demand synergistic photothermally boosted radiotherapy. <i>Nature Communications</i> , 2021 , 12, 523	17.4	30
987	Milk-derived extracellular vesicles alleviate ulcerative colitis by regulating the gut immunity and reshaping the gut microbiota. <i>Theranostics</i> , 2021 , 11, 8570-8586	12.1	20
986	Cascade Drug-Release Strategy for Enhanced Anticancer Therapy. <i>Matter</i> , 2021 , 4, 26-53	12.7	14
985	Rationally Programming Nanomaterials with DNA for Biomedical Applications. <i>Advanced Science</i> , 2021 , 8, 2003775	13.6	14
984	Targeted Dual Small Interfering Ribonucleic Acid Delivery via Non-Viral Polymeric Vectors for Pulmonary Fibrosis Therapy. <i>Advanced Materials</i> , 2021 , 33, e2007798	24	3

983	Phototherapy meets immunotherapy: a win-win strategy to fight against cancer. <i>Nanophotonics</i> , 2021 , 10, 3229-3245	6.3	11
982	Recent advances in enhanced chemodynamic therapy strategies. <i>Nano Today</i> , 2021 , 39, 101162	17.9	38
981	Enantiomeric alkynyl-protected Au ₁₀ clusters with chirality-dependent radiotherapy enhancing effects. <i>Nano Today</i> , 2021 , 39, 101222	17.9	7
980	A hypoxia responsive nanoassembly for tumor specific oxygenation and enhanced sonodynamic therapy. <i>Biomaterials</i> , 2021 , 275, 120822	15.6	15
979	Extracellular vesicles as a drug delivery system: A systematic review of preclinical studies. <i>Advanced Drug Delivery Reviews</i> , 2021 , 175, 113801	18.5	24
978	Exquisite Vesicular Nanomedicine by Paclitaxel Mediated Co-assembly with Camptothecin Prodrug. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21033-21039	16.4	2
977	Exquisite Vesicular Nanomedicine by Paclitaxel Mediated Co-assembly with Camptothecin Prodrug. <i>Angewandte Chemie</i> , 2021 , 133, 21201-21207	3.6	1
976	Optimization of Enzymolysis Clearance Strategy To Enhance Renal Clearance of Radioligands. <i>Bioconjugate Chemistry</i> , 2021 , 32, 2108-2116	6.3	1
975	Manipulating Intratumoral Fenton Chemistry for Enhanced Chemodynamic and Chemodynamic-Synergized Multimodal Therapy. <i>Advanced Materials</i> , 2021 , 33, e2104223	24	30
974	Singlet Oxygen "Afterglow" Therapy with NIR-II Fluorescent Molecules. <i>Advanced Materials</i> , 2021 , 33, e2103627	24	12
973	Lung-Targeting Lysostaphin Microspheres for Methicillin-Resistant Pneumonia Treatment and Prevention. <i>ACS Nano</i> , 2021 , 15, 16625-16641	16.7	3
972	Endogenous dual stimuli-activated NO generation in the conventional outflow pathway for precision glaucoma therapy. <i>Biomaterials</i> , 2021 , 277, 121074	15.6	2
971	Pnictogen Semimetal (Sb, Bi)-Based Nanomaterials for Cancer Imaging and Therapy: A Materials Perspective. <i>ACS Nano</i> , 2021 , 15, 2038-2067	16.7	11
970	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	9.4	0
969	Repurposing ICG enables MR/PA imaging signal amplification and iron depletion for iron-overload disorders.. <i>Science Advances</i> , 2021 , 7, eabl5862	14.3	4
968	Size-transformable antigen-presenting cell-mimicking nanovesicles potentiate effective cancer immunotherapy. <i>Science Advances</i> , 2020 , 6,	14.3	24
967	Gadolinium-Rose Bengal Coordination Polymer Nanodots for MR-/Fluorescence-Image-Guided Radiation and Photodynamic Therapy. <i>Advanced Materials</i> , 2020 , 32, e2000377	24	54
966	Lu-EB-PSMA Radioligand Therapy with Escalating Doses in Patients with Metastatic Castration-Resistant Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 1772-1778	8.9	7

965	Ultrasmall copper-based nanoparticles for reactive oxygen species scavenging and alleviation of inflammation related diseases. <i>Nature Communications</i> , 2020 , 11, 2788	17.4	124
964	Multimodal Photoacoustic Imaging-Guided Regression of Corneal Neovascularization: A Non-Invasive and Safe Strategy. <i>Advanced Science</i> , 2020 , 7, 2000346	13.6	12
963	Advanced biomimetic nanoreactor for specifically killing tumor cells through multi-enzyme cascade. <i>Theranostics</i> , 2020 , 10, 6245-6260	12.1	12
962	Early stratification of radiotherapy response by activatable inflammation magnetic resonance imaging. <i>Nature Communications</i> , 2020 , 11, 3032	17.4	28
961	Tuning the properties of atomically precise gold nanoclusters for biolabeling and drug delivery. <i>Chemical Communications</i> , 2020 , 56, 8766-8769	5.8	16
960	The critical size of gold nanoparticles for overcoming P-gp mediated multidrug resistance. <i>Nanoscale</i> , 2020 , 12, 16451-16461	7.7	6
959	Mimovirus Vesicle-Based Biological Orthogonal Reaction for Cancer Diagnosis. <i>Small Methods</i> , 2020 , 4, 2000291	12.8	9
958	Activatable nanoscale metal-organic framework for ratiometric photoacoustic imaging of hydrogen sulfide and orthotopic colorectal cancer in vivo. <i>Science China Chemistry</i> , 2020 , 63, 1315-1322	7.9	19
957	Zwitterionic-to-cationic charge conversion polyprodrug nanomedicine for enhanced drug delivery. <i>Theranostics</i> , 2020 , 10, 6629-6637	12.1	16
956	Dancing with reactive oxygen species generation and elimination in nanotheranostics for disease treatment. <i>Advanced Drug Delivery Reviews</i> , 2020 , 158, 73-90	18.5	41
955	Controllable synthesis of versatile mesoporous organosilica nanoparticles as precision cancer theranostics. <i>Biomaterials</i> , 2020 , 256, 120191	15.6	33
954	In Vivo Imaging: Multiplexed NIR-II Probes for Lymph Node-Invaded Cancer Detection and Imaging-Guided Surgery (Adv. Mater. 11/2020). <i>Advanced Materials</i> , 2020 , 32, 2070086	24	2
953	Stereospecific interactions between chiral inorganic nanomaterials and biological systems. <i>Chemical Society Reviews</i> , 2020 , 49, 2481-2503	58.5	62
952	Targeting Integrins with Radiolabeled RGD Analogues for Radiotheranostics of Metastatic Radioactive Iodine Nonresponsive Thyroid Cancer: New Avenues in Personalized Medicine. <i>Thyroid</i> , 2020 , 30, 476-478	6.2	4
951	[F]-Alfatide PET imaging of integrin $\alpha_5\beta_1$ for the non-invasive quantification of liver fibrosis. <i>Journal of Hepatology</i> , 2020 , 73, 161-169	13.4	7
950	Solvent-Assisted Self-Assembly of a Metal-Organic Framework Based Biocatalyst for Cascade Reaction Driven Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6822-6832	16.4	109
949	Yolk-shell nanovesicles endow glutathione-responsive concurrent drug release and T MRI activation for cancer theranostics. <i>Biomaterials</i> , 2020 , 244, 119979	15.6	22
948	Biologically Responsive Plasmonic Assemblies for Second Near-Infrared Window Photoacoustic Imaging-Guided Concurrent Chemo-Immunotherapy. <i>ACS Nano</i> , 2020 , 14, 3991-4006	16.7	50

947	Quantum Dot-Based Sensitization System for Boosted Photon Absorption and Enhanced Second Near-Infrared Luminescence of Lanthanide-Doped Nanoparticle. <i>Analytical Chemistry</i> , 2020 , 92, 6094-6102	7.8	17
946	Dose escalation of an Evans blue-modified radiolabeled somatostatin analog Lu-DOTA-EB-TATE in the treatment of metastatic neuroendocrine tumors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 947-957	8.8	10
945	Cell-Membrane-Mimicking Nanodecoys against Infectious Diseases. <i>ACS Nano</i> , 2020 , 14, 2569-2574	16.7	61
944	Targeting Neutrophils for Enhanced Cancer Theranostics. <i>Advanced Materials</i> , 2020 , 32, e2002739	24	24
943	Endoplasmic Reticulum Targeting to Amplify Immunogenic Cell Death for Cancer Immunotherapy. <i>Nano Letters</i> , 2020 , 20, 1928-1933	11.5	120
942	A Fluorinated Ionic Liquid-Based Activatable F MRI Platform Detects Biological Targets. <i>Chem</i> , 2020 , 6, 1134-1148	16.2	21
941	Conjugation of a Scintillator Complex and Gold Nanorods for Dual-Modal Image-Guided Photothermal and X-ray-Induced Photodynamic Therapy of Tumors. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 12591-12599	9.5	36
940	Photoacoustic Imaging-Trackable Magnetic Microswimmers for Pathogenic Bacterial Infection Treatment. <i>ACS Nano</i> , 2020 , 14, 2880-2893	16.7	75
939	Rational design of semiconducting polymer brushes as cancer theranostics. <i>Materials Horizons</i> , 2020 , 7, 1474-1494	14.4	17
938	Small-sized gadolinium oxide based nanoparticles for high-efficiency theranostics of orthotopic glioblastoma. <i>Biomaterials</i> , 2020 , 235, 119783	15.6	29
937	MagneticPlasmonic Nanoassemblies: CoreShell-Heterostructured MagneticPlasmonic Nanoassemblies with Highly Retained MagneticPlasmonic Activities for Ultrasensitive Bioanalysis in Complex Matrix (Adv. Sci. 2/2020). <i>Advanced Science</i> , 2020 , 7, 2070011	13.6	1
936	A Phototheranostic Strategy to Continuously Deliver Singlet Oxygen in the Dark and Hypoxic Tumor Microenvironment. <i>Angewandte Chemie</i> , 2020 , 132, 8918-8923	3.6	9
935	Multiplexed NIR-II Probes for Lymph Node-Invaded Cancer Detection and Imaging-Guided Surgery. <i>Advanced Materials</i> , 2020 , 32, e1907365	24	78
934	A bi-adjuvant nanovaccine that potentiates immunogenicity of neoantigen for combination immunotherapy of colorectal cancer. <i>Science Advances</i> , 2020 , 6, eaaw6071	14.3	65
933	X-Ray-Induced Persistent Luminescence Promotes Ultrasensitive Imaging and Effective Inhibition of Orthotopic Hepatic Tumors. <i>Advanced Functional Materials</i> , 2020 , 30, 2001166	15.6	26
932	Insight into the Development of PET Radiopharmaceuticals for Oncology. <i>Cancers</i> , 2020 , 12,	6.6	16
931	First report of Ga-PRGD2 PET/MRI molecular imaging of vaso-occlusion in a patient with sickle cell disease. <i>BJR/case Reports</i> , 2020 , 6, 20200024	0.7	
930	Multimodal stratified imaging of nanovaccines in lymph nodes for improving cancer immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2020 , 161-162, 145-160	18.5	6

929	Hybrid cellular membrane nanovesicles amplify macrophage immune responses against cancer recurrence and metastasis. <i>Nature Communications</i> , 2020 , 11, 4909	17.4	80
928	In Situ Polymerized Hollow Mesoporous Organosilica Biocatalysis Nanoreactor for Enhancing ROS-Mediated Anticancer Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1907716	15.6	81
927	An Ultrasound Activated Vesicle of Janus Au-MnO Nanoparticles for Promoted Tumor Penetration and Sono-Chemodynamic Therapy of Orthotopic Liver Cancer. <i>Angewandte Chemie</i> , 2020 , 132, 1699-1705	15.6	22
926	An Ultrasound Activated Vesicle of Janus Au-MnO Nanoparticles for Promoted Tumor Penetration and Sono-Chemodynamic Therapy of Orthotopic Liver Cancer. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1682-1688	16.4	147
925	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	16.4	70
924	Oxidative stress-driven DR5 upregulation restores TRAIL/Apo2L sensitivity induced by iron oxide nanoparticles in colorectal cancer. <i>Biomaterials</i> , 2020 , 233, 119753	15.6	17
923	Lymphangioliomyomatosis revealed by Ga-NOTA-Evans Blue PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 2469-2470	8.8	4
922	Three-dimensional label-free imaging of mammalian yolk sac vascular remodeling with optical resolution photoacoustic microscopy. <i>Photoacoustics</i> , 2020 , 17, 100152	9	7
921	Combined Ga-NOTA-Evans Blue Lymphoscintigraphy and Ga-NOTA-RM26 PET/CT Evaluation of Sentinel Lymph Node Metastasis in Breast Cancer Patients. <i>Bioconjugate Chemistry</i> , 2020 , 31, 396-403	6.3	5
920	Tale of Two Magnets: An Advanced Magnetic Targeting System. <i>ACS Nano</i> , 2020 , 14, 7-11	16.7	22
919	Smart Nanovesicle-Mediated Immunogenic Cell Death through Tumor Microenvironment Modulation for Effective Photodynamic Immunotherapy. <i>ACS Nano</i> , 2020 , 14, 620-631	16.7	101
918	Nanoscintillator-Mediated X-Ray Induced Photodynamic Therapy for Deep-Seated Tumors: From Concept to Biomedical Applications. <i>Theranostics</i> , 2020 , 10, 1296-1318	12.1	69
917	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	26
916	Cascaded Multiresponsive Self-Assembled F MRI Nanoprobes with Redox-Triggered Activation and NIR-Induced Amplification. <i>Nano Letters</i> , 2020 , 20, 363-371	11.5	29
915	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	13.6	16
914	DOTA-Branched Organic Frameworks as Giant and Potent Metal Chelators. <i>Journal of the American Chemical Society</i> , 2020 , 142, 198-206	16.4	26
913	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	8.9	28
912	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	11.1	3

911	Activating Macrophage-Mediated Cancer Immunotherapy by Genetically Edited Nanoparticles. <i>Advanced Materials</i> , 2020 , 32, e2004853	24	58
910	Reducing False Negatives in COVID-19 Testing by Using Microneedle-Based Oropharyngeal Swabs. <i>Matter</i> , 2020 , 3, 1589-1600	12.7	20
909	Cascade Reactions Catalyzed by Planar Metal-Organic Framework Hybrid Architecture for Combined Cancer Therapy. <i>Small</i> , 2020 , 16, e2004016	11	32
908	Targeted scavenging of extracellular ROS relieves suppressive immunogenic cell death. <i>Nature Communications</i> , 2020 , 11, 4951	17.4	45
907	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	11.5	91
906	Theranostic multimodal gold nanoclusters. <i>Nature Biomedical Engineering</i> , 2020 , 4, 668-669	19	6
905	Nanobiohybrids: A Synergistic Integration of Bacteria and Nanomaterials in Cancer Therapy. <i>BIO Integration</i> , 2020 , 1, 25-36	4.1	17
904	Endocytosis-Enabled Construction of Silica Nanochannels Crossing Living Cell Membrane for Transmembrane Drug Transport. <i>Advanced Functional Materials</i> , 2020 , 30, 2002761	15.6	5
903	Reactive Oxygen Species Activatable Heterodimeric Prodrug as Tumor-Selective Nanotheranostics. <i>ACS Nano</i> , 2020 ,	16.7	17
902	Clinical development and potential of photothermal and photodynamic therapies for cancer. <i>Nature Reviews Clinical Oncology</i> , 2020 , 17, 657-674	19.4	570
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886	Anisotropic nanomaterials for shape-dependent physicochemical and biomedical applications. <i>Chemical Society Reviews</i> , 2019 , 48, 5140-5176	58.5	97
885	Enhanced Antitumor Efficacy by a Cascade of Reactive Oxygen Species Generation and Drug Release. <i>Angewandte Chemie</i> , 2019 , 131, 14900-14905	3.6	27
884	Exceedingly Small Gadolinium Oxide Nanoparticles with Remarkable Relaxivities for Magnetic Resonance Imaging of Tumors. <i>Small</i> , 2019 , 15, e1903422	11	22
883	Polyphenol-based nanoplatform for MRI/PET dual-modality imaging guided effective combination chemotherapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5688-5694	7.3	9
882	Enzyme-induced in vivo assembly of gold nanoparticles for imaging-guided synergistic chemo-photothermal therapy of tumor. <i>Biomaterials</i> , 2019 , 223, 119460	15.6	55
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879	Nanomaterial-based blood-brain-barrier (BBB) crossing strategies. <i>Biomaterials</i> , 2019 , 224, 119491	15.6	132
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814	Nanocarbons for Biology and Medicine: Sensing, Imaging, and Drug Delivery. <i>Chemical Reviews</i> , 2019 , 119, 9559-9656	68.1	219
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753	F-Alfatide II PET/CT for Identification of Breast Cancer: A Preliminary Clinical Study. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 1809-1816	8.9	21
752	Smart Gold Nanoparticle-Stabilized Ultrasound Microbubbles as Cancer Theranostics. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 3235-3239	7.3	11
751	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	16.4	106
750	When radionuclides meet nanoparticles. <i>Nature Nanotechnology</i> , 2018 , 13, 359-360	28.7	10

749	Radiolabeled Angiogenesis-Targeting Croconaine Nanoparticles for Trimodality Imaging Guided Photothermal Therapy of Glioma. <i>ACS Applied Nano Materials</i> , 2018 , 1, 1741-1749	5.6	15
748	Ratiometric optical nanoprobe enable accurate molecular detection and imaging. <i>Chemical Society Reviews</i> , 2018 , 47, 2873-2920	58.5	394
747	Ceria nanocrystals decorated mesoporous silica nanoparticle based ROS-scavenging tissue adhesive for highly efficient regenerative wound healing. <i>Biomaterials</i> , 2018 , 151, 66-77	15.6	143
746	Novel Structural Modification Based on Evans Blue Dye to Improve Pharmacokinetics of a Somatostatin-Receptor-Based Theranostic Agent. <i>Bioconjugate Chemistry</i> , 2018 , 29, 2448-2454	6.3	13
745	Response to Single Low-dose Lu-DOTA-EB-TATE Treatment in Patients with Advanced Neuroendocrine Neoplasm: A Prospective Pilot Study. <i>Theranostics</i> , 2018 , 8, 3308-3316	12.1	22
744	Desmin- and vimentin-mediated hepatic stellate cell-targeting radiotracer Tc-GlcNAc-PEI for liver fibrosis imaging with SPECT. <i>Theranostics</i> , 2018 , 8, 1340-1349	12.1	22
743	Gadolinium Metallofullerene-Polypyrrole Nanoparticles for Activatable Dual-Modal Imaging-Guided Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 28382-28389	9.5	22
742	Gadolinium-Encapsulated Graphene Carbon Nanotheranostics for Imaging-Guided Photodynamic Therapy. <i>Advanced Materials</i> , 2018 , 30, e1802748	24	101
741	Redox-Responsive Dual Chemophotothermal Therapeutic Nanomedicine for Imaging-Guided Combinational Therapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 5362-5367	7.3	16
740	"Three-in-one" Nanohybrids as Synergistic Nanoquenchers to Enhance No-Wash Fluorescence Biosensors for Ratiometric Detection of Cancer Biomarkers. <i>Theranostics</i> , 2018 , 8, 3461-3473	12.1	51
739	A paclitaxel prodrug with bifunctional folate and albumin binding moieties for both passive and active targeted cancer therapy. <i>Theranostics</i> , 2018 , 8, 2018-2030	12.1	31
738	Repurposing Cyanine NIR-I Dyes Accelerates Clinical Translation of Near-Infrared-II (NIR-II) Bioimaging. <i>Advanced Materials</i> , 2018 , 30, e1802546	24	168
737	Ga-BBN-RGD PET/CT for GRPR and Integrin β Imaging in Patients with Breast Cancer. <i>Theranostics</i> , 2018 , 8, 1121-1130	12.1	42
736	Glutathione-Responsive Self-Assembled Magnetic Gold Nanowreath for Enhanced Tumor Imaging and Imaging-Guided Photothermal Therapy. <i>ACS Nano</i> , 2018 , 12, 8129-8137	16.7	95
735	First-in-human study of PET and optical dual-modality image-guided surgery in glioblastoma using Ga-IRDye800CW-BBN. <i>Theranostics</i> , 2018 , 8, 2508-2520	12.1	56
734	Synchronous Chemoradiation Nanovesicles by X-Ray Triggered Cascade of Drug Release. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8463-8467	16.4	42
733	Aptamer-based targeted therapy. <i>Advanced Drug Delivery Reviews</i> , 2018 , 134, 65-78	18.5	151
732	Automated radiosynthesis of [F]FBEM, a sulfhydryl site specific labeling agent for peptides and proteins. <i>Applied Radiation and Isotopes</i> , 2018 , 140, 294-299	1.7	5

731	Single Low-Dose Injection of Evans Blue Modified PSMA-617 Radioligand Therapy Eliminates Prostate-Specific Membrane Antigen Positive Tumors. <i>Bioconjugate Chemistry</i> , 2018 , 29, 3213-3221	6.3	39
730	Bioinspired Artificial Nanodecoys for Hepatitis B Virus. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12499-12503	16.4	34
729	Bioinspired Artificial Nanodecoys for Hepatitis B Virus. <i>Angewandte Chemie</i> , 2018 , 130, 12679-12683	3.6	8
728	Near-Infrared-II (NIR-II) Bioimaging Off-Peak NIR-I Fluorescence Emission. <i>Theranostics</i> , 2018 , 8, 4141-4151	11.1	132
727	Quantum Dot-Dye Conjugates for Biosensing, Imaging, and Therapy. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800252	10.1	37
726	Radioligand Therapy of Prostate Cancer with a Long-Lasting Prostate-Specific Membrane Antigen Targeting Agent Y-DOTA-EB-MCG. <i>Bioconjugate Chemistry</i> , 2018 , 29, 2309-2315	6.3	28
725	Supramolecular Polymer-Based Nanomedicine: High Therapeutic Performance and Negligible Long-Term Immunotoxicity. <i>Journal of the American Chemical Society</i> , 2018 , 140, 8005-8019	16.4	168
724	Tailoring Platinum(IV) Amphiphiles for Self-Targeting All-in-One Assemblies as Precise Multimodal Theranostic Nanomedicine. <i>ACS Nano</i> , 2018 , 12, 7272-7281	16.7	80
723	Controllable self-assembled plasmonic vesicle-based three-dimensional SERS platform for picomolar detection of hydrophobic contaminants. <i>Nanoscale</i> , 2018 , 10, 13202-13211	7.7	18
722	Facile Supramolecular Approach to Nucleic-Acid-Driven Activatable Nanotheranostics That Overcome Drawbacks of Photodynamic Therapy. <i>ACS Nano</i> , 2018 , 12, 681-688	16.7	117
721	Metal ion assisted interface re-engineering of a ferritin nanocage for enhanced biofunctions and cancer therapy. <i>Nanoscale</i> , 2018 , 10, 1135-1144	7.7	21
720	PET Using a GRPR Antagonist Ga-RM26 in Healthy Volunteers and Prostate Cancer Patients. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 922-928	8.9	46
719	68Ga-NOTA-RM26 PET/CT in the Evaluation of Breast Cancer: A Pilot Prospective Study. <i>Clinical Nuclear Medicine</i> , 2018 , 43, 663-669	1.7	27
718	Combined 68Ga-NOTA-PRGD2 and 18F-FDG PET/CT Can Discriminate Uncommon Meningioma Mimicking High-Grade Glioma. <i>Clinical Nuclear Medicine</i> , 2018 , 43, 648-654	1.7	11
717	Acidity/Reducibility Dual-Responsive Hollow Mesoporous Organosilica Nanoplatfoms for Tumor-Specific Self-Assembly and Synergistic Therapy. <i>ACS Nano</i> , 2018 , 12, 12269-12283	16.7	61
716	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018 , 61, 1503-1552	7.9	256
715	Tumor Microenvironment-Responsive Ultrasmall Nanodrug Generators with Enhanced Tumor Delivery and Penetration. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14980-14989	16.4	137
714	A discrete organoplatinum(II) metallacage as a multimodality theranostic platform for cancer photochemotherapy. <i>Nature Communications</i> , 2018 , 9, 4335	17.4	118

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712	Reprogramming Tumor-Associated Macrophages by Nanoparticle-Based Reactive Oxygen Species Photogeneration. <i>Nano Letters</i> , 2018 , 18, 7330-7342	11.5	105
711	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	3.6	25
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709	Evans Blue Attachment Enhances Somatostatin Receptor Subtype-2 Imaging and Radiotherapy. <i>Theranostics</i> , 2018 , 8, 735-745	12.1	48
708	Hierarchical Tumor Microenvironment-Responsive Nanomedicine for Programmed Delivery of Chemotherapeutics. <i>Advanced Materials</i> , 2018 , 30, e1803926	24	89
707	Synchronous Chemoradiation Nanovesicles by X-Ray Triggered Cascade of Drug Release. <i>Angewandte Chemie</i> , 2018 , 130, 8599-8603	3.6	4
706	Photo-excitable hybrid nanocomposites for image-guided photo/TRAIL synergistic cancer therapy. <i>Biomaterials</i> , 2018 , 176, 60-70	15.6	27
705	Chronic neuropathic pain reduces opioid receptor availability with associated anhedonia in rat. <i>Pain</i> , 2018 , 159, 1856-1866	8	49
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698	TAT-Modified Gold Nanoparticle Carrier with Enhanced Anticancer Activity and Size Effect on Overcoming Multidrug Resistance. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 5828-5837	9.5	41
697	Ratiometric Photoacoustic Molecular Imaging for Methylmercury Detection in Living Subjects. <i>Advanced Materials</i> , 2017 , 29, 1606129	24	60
696	Tri-stimuli-responsive biodegradable theranostics for mild hyperthermia enhanced chemotherapy. <i>Biomaterials</i> , 2017 , 126, 39-48	15.6	114

695	Functional ferritin nanoparticles for biomedical applications. <i>Frontiers of Chemical Science and Engineering</i> , 2017 , 11, 633-646	4.5	57
694	Efficient Nanovaccine Delivery in Cancer Immunotherapy. <i>ACS Nano</i> , 2017 , 11, 2387-2392	16.7	192
693	An Ultrasensitive Biosensing Platform Employing Acetylcholinesterase and Gold Nanoparticles. <i>Methods in Molecular Biology</i> , 2017 , 1530, 307-316	1.4	1
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689	Current detection technologies for circulating tumor cells. <i>Chemical Society Reviews</i> , 2017 , 46, 2038-2056	58.5	242
688	Ultrasmall Semimetal Nanoparticles of Bismuth for Dual-Modal Computed Tomography/Photoacoustic Imaging and Synergistic Thermoradiotherapy. <i>ACS Nano</i> , 2017 , 11, 3990-4001	16.7	225
687	Tumor Microenvironment-Triggered Supramolecular System as an In Situ Nanotheranostic Generator for Cancer Phototherapy. <i>Advanced Materials</i> , 2017 , 29, 1605928	24	170
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685	Rethinking cancer nanotheranostics. <i>Nature Reviews Materials</i> , 2017 , 2,	73.3	639
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683	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 6492-6496	16.4	245
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677	Enhanced Afterglow Performance of Persistent Luminescence Implants for Efficient Repeatable Photodynamic Therapy. <i>ACS Nano</i> , 2017 , 11, 5864-5872	16.7	105
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668	Microsurgery guided by sequential preoperative lymphography using Ga-NEB PET and MRI in patients with lower-limb lymphedema. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 1501-1510	8.8	19
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661	Reprogrammable ultra-fast shape-transformation of macroporous composite hydrogel sheets. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 2883-2887	7.3	19
660	Combination of nitric oxide and drug delivery systems: tools for overcoming drug resistance in chemotherapy. <i>Journal of Controlled Release</i> , 2017 , 263, 223-230	11.7	112

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635	Nanobiotechnology: Cell Membrane-Based Delivery Systems. <i>Nano Today</i> , 2017 , 13, 7-9	17.9	67
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633	Iron Oxide Nanoparticle Based Contrast Agents for Magnetic Resonance Imaging. <i>Molecular Pharmaceutics</i> , 2017 , 14, 1352-1364	5.6	178
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617	Transferrin-conjugated paclitaxel prodrugs for targeted cancer therapy. <i>RSC Advances</i> , 2016 , 6, 77987-77998	3.7	6
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614	New Generation of Gold Nanoshell-Coated Esophageal Stent: Preparation and Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 27523-27529	9.5	14
613	A nanoparticulate pre-chemosensitizer for efficacious chemotherapy of multidrug resistant breast cancer. <i>Scientific Reports</i> , 2016 , 6, 21459	4.9	45
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611	CCCCC pentadentate chelates with planar M ₃ aromaticity and unique properties. <i>Science Advances</i> , 2016 , 2, e1601031	14.3	51
610	Hierarchical Targeting Strategy for Enhanced Tumor Tissue Accumulation/Retention and Cellular Internalization. <i>Advanced Materials</i> , 2016 , 28, 7340-64	24	263
609	Imaging-guided delivery of RNAi for anticancer treatment. <i>Advanced Drug Delivery Reviews</i> , 2016 , 104, 44-60	18.5	85
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