

Xiaoyuan Chen

List of Publications by Year in descending order

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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	High-Thermoelectric Performance of Nanostructured Bismuth Antimony Telluride Bulk Alloys. <i>Science</i> , 2008, 320, 634-638.	12.6	4,843
2	Upconversion Nanoparticles: Design, Nanochemistry, and Applications in Theranostics. <i>Chemical Reviews</i> , 2014, 114, 5161-5214.	47.7	2,163
3	Photothermal therapy and photoacoustic imaging <i>via</i> nanotheranostics in fighting cancer. <i>Chemical Society Reviews</i> , 2019, 48, 2053-2108.	38.1	2,033
4	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
5	Reactive oxygen species generating systems meeting challenges of photodynamic cancer therapy. <i>Chemical Society Reviews</i> , 2016, 45, 6597-6626.	38.1	1,483
6	Nanotechnology for Multimodal Synergistic Cancer Therapy. <i>Chemical Reviews</i> , 2017, 117, 13566-13638.	47.7	1,392
7	In vivo biodistribution and highly efficient tumour targeting of carbon nanotubes in mice. <i>Nature Nanotechnology</i> , 2007, 2, 47-52.	31.5	1,384
8	Overcoming the Achilles' heel of photodynamic therapy. <i>Chemical Society Reviews</i> , 2016, 45, 6488-6519.	38.1	1,251
9	Nanoparticle-based theranostic agents. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 1064-1079.	13.7	1,235
10	Drug Delivery with Carbon Nanotubes for <i>In vivo</i> Cancer Treatment. <i>Cancer Research</i> , 2008, 68, 6652-6660.	0.9	1,219
11	Carbon nanotubes as photoacoustic molecular imaging agents in living mice. <i>Nature Nanotechnology</i> , 2008, 3, 557-562.	31.5	1,215
12	Simultaneous Fenton-like Ion Delivery and Glutathione Depletion by MnO ₂ -Based Nanoagent to Enhance Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4902-4906.	13.8	1,068
13	Circulation and long-term fate of functionalized, biocompatible single-walled carbon nanotubes in mice probed by Raman spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1410-1415.	7.1	1,037
14	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017, 11, 2313-2381.	14.6	976
15	Peptide-Labeled Near-Infrared Quantum Dots for Imaging Tumor Vasculature in Living Subjects. <i>Nano Letters</i> , 2006, 6, 669-676.	9.1	905
16	Rethinking cancer nanotheranostics. <i>Nature Reviews Materials</i> , 2017, 2, .	48.7	860
17	Synthesis of Copper Peroxide Nanodots for H ₂ O ₂ Self-Supplying Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2019, 141, 9937-9945.	13.7	759
18	Gold Nanoparticles for In Vitro Diagnostics. <i>Chemical Reviews</i> , 2015, 115, 10575-10636.	47.7	725

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19	Nanoparticle design strategies for enhanced anticancer therapy by exploiting the tumour microenvironment. <i>Chemical Society Reviews</i> , 2017, 46, 3830-3852.	38.1	719
20	Theranostic Nanomedicine. <i>Accounts of Chemical Research</i> , 2011, 44, 841-841.	15.6	661
21	Near-Infrared-II Molecular Dyes for Cancer Imaging and Surgery. <i>Advanced Materials</i> , 2019, 31, e1900321.	21.0	631
22	Light-Triggered Theranostics Based on Photosensitizer-Conjugated Carbon Dots for Simultaneous Enhanced-Fluorescence Imaging and Photodynamic Therapy. <i>Advanced Materials</i> , 2012, 24, 5104-5110.	21.0	630
23	Electrochemical Immunosensors for Detection of Cancer Protein Biomarkers. <i>ACS Nano</i> , 2012, 6, 6546-6561.	14.6	611
24	Photosensitizer-Loaded Gold Vesicles with Strong Plasmonic Coupling Effect for Imaging-Guided Photothermal/Photodynamic Therapy. <i>ACS Nano</i> , 2013, 7, 5320-5329.	14.6	603
25	Multifunctional Fe ₃ O ₄ @Polydopamine Core-Shell Nanocomposites for Intracellular mRNA Detection and Imaging-Guided Photothermal Therapy. <i>ACS Nano</i> , 2014, 8, 3876-3883.	14.6	599
26	Ratiometric optical nanoprobe enable accurate molecular detection and imaging. <i>Chemical Society Reviews</i> , 2018, 47, 2873-2920.	38.1	579
27	Biodegradable Gold Nanovesicles with an Ultrastrong Plasmonic Coupling Effect for Photoacoustic Imaging and Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13958-13964.	13.8	577
28	Nanoplatforms for Targeted Molecular Imaging in Living Subjects. <i>Small</i> , 2007, 3, 1840-1854.	10.0	558
29	Bioconjugated Manganese Dioxide Nanoparticles Enhance Chemotherapy Response by Priming Tumor-Associated Macrophages toward M1-like Phenotype and Attenuating Tumor Hypoxia. <i>ACS Nano</i> , 2016, 10, 633-647.	14.6	524
30	Surface-Engineered Magnetic Nanoparticle Platforms for Cancer Imaging and Therapy. <i>Accounts of Chemical Research</i> , 2011, 44, 883-892.	15.6	520
31	PET/MRI Dual-Modality Tumor Imaging Using Arginine-Glycine-Aspartic (RGD)-Conjugated Radiolabeled Iron Oxide Nanoparticles. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1371-1379.	5.0	507
32	Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1229-1233.	13.8	505
33	Multimodality Molecular Imaging of Tumor Angiogenesis. <i>Journal of Nuclear Medicine</i> , 2008, 49, 113S-128S.	5.0	497
34	Pulse accumulation, radial heat conduction, and anisotropic thermal conductivity in pump-probe transient thermoreflectance. <i>Review of Scientific Instruments</i> , 2008, 79, 114902.	1.3	496
35	In Vivo Visualization of Embryonic Stem Cell Survival, Proliferation, and Migration After Cardiac Delivery. <i>Circulation</i> , 2006, 113, 1005-1014.	1.6	492
36	Supramolecular Stacking of Doxorubicin on Carbon Nanotubes for In Vivo Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7668-7672.	13.8	479

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37	Emerging Strategies of Cancer Therapy Based on Ferroptosis. <i>Advanced Materials</i> , 2018, 30, e1704007.	21.0	478
38	Gold nanoparticles for photoacoustic imaging. <i>Nanomedicine</i> , 2015, 10, 299-320.	3.3	477
39	Photoacoustic Imaging: Contrast Agents and Their Biomedical Applications. <i>Advanced Materials</i> , 2019, 31, e1805875.	21.0	468
40	Engineering Macrophages for Cancer Immunotherapy and Drug Delivery. <i>Advanced Materials</i> , 2020, 32, e2002054.	21.0	464
41	The EPR effect and beyond: Strategies to improve tumor targeting and cancer nanomedicine treatment efficacy. <i>Theranostics</i> , 2020, 10, 7921-7924.	10.0	459
42	PET/NIRF/MRI triple functional iron oxide nanoparticles. <i>Biomaterials</i> , 2010, 31, 3016-3022.	11.4	456
43	Applications and Potential Toxicity of Magnetic Iron Oxide Nanoparticles. <i>Small</i> , 2013, 9, 1533-1545.	10.0	456
44	Single Continuous Wave Laser Induced Photodynamic/Plasmonic Photothermal Therapy Using Photosensitizer-Functionalized Gold Nanostars. <i>Advanced Materials</i> , 2013, 25, 3055-3061.	21.0	453
45	Fenton-Reaction-Acceleratable Magnetic Nanoparticles for Ferroptosis Therapy of Orthotopic Brain Tumors. <i>ACS Nano</i> , 2018, 12, 11355-11365.	14.6	449
46	Particle Size, Surface Coating, and PEGylation Influence the Biodistribution of Quantum Dots in Living Mice. <i>Small</i> , 2009, 5, 126-134.	10.0	418
47	Effects of Nanoparticle Size on Cellular Uptake and Liver MRI with Polyvinylpyrrolidone-Coated Iron Oxide Nanoparticles. <i>ACS Nano</i> , 2010, 4, 7151-7160.	14.6	417
48	Ultrasmall copper-based nanoparticles for reactive oxygen species scavenging and alleviation of inflammation related diseases. <i>Nature Communications</i> , 2020, 11, 2788.	12.8	406
49	Ultrasmall α (RGDyK)-Coated Fe_3O_4 Nanoparticles and Their Specific Targeting to Integrin $\alpha_v\beta_3$ -Rich Tumor Cells. <i>Journal of the American Chemical Society</i> , 2008, 130, 7542-7543.	13.7	405
50	Dual-Function Probe for PET and Near-Infrared Fluorescence Imaging of Tumor Vasculature. <i>Journal of Nuclear Medicine</i> , 2007, 48, 1862-1870.	5.0	400
51	Octapod iron oxide nanoparticles as high-performance T2 contrast agents for magnetic resonance imaging. <i>Nature Communications</i> , 2013, 4, 2266.	12.8	399
52	Theranostic nanoplatforms for simultaneous cancer imaging and therapy: current approaches and future perspectives. <i>Nanoscale</i> , 2012, 4, 330-342.	5.6	393
53	Emerging blood-brain-barrier-crossing nanotechnology for brain cancer theranostics. <i>Chemical Society Reviews</i> , 2019, 48, 2967-3014.	38.1	389
54	Ultrahigh Sensitivity Carbon Nanotube Agents for Photoacoustic Molecular Imaging in Living Mice. <i>Nano Letters</i> , 2010, 10, 2168-2172.	9.1	376

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55	In vivo covalent cross-linking of photon-converted rare-earth nanostructures for tumour localization and theranostics. <i>Nature Communications</i> , 2016, 7, 10432.	12.8	376
56	Nanocarbons for Biology and Medicine: Sensing, Imaging, and Drug Delivery. <i>Chemical Reviews</i> , 2019, 119, 9559-9656.	47.7	368
57	Fluorine-18 Radiochemistry, Labeling Strategies and Synthetic Routes. <i>Bioconjugate Chemistry</i> , 2015, 26, 1-18.	3.6	360
58	In vivo Near-Infrared Fluorescence Imaging of Integrin $\alpha_5\beta_3$ in Brain Tumor Xenografts. <i>Cancer Research</i> , 2004, 64, 8009-8014.	0.9	357
59	Structural and functional photoacoustic molecular tomography aided by emerging contrast agents. <i>Chemical Society Reviews</i> , 2014, 43, 7132-7170.	38.1	346
60	Current detection technologies for circulating tumor cells. <i>Chemical Society Reviews</i> , 2017, 46, 2038-2056.	38.1	341
61	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018, 61, 1503-1552.	8.2	336
62	Effect of Injection Routes on the Biodistribution, Clearance, and Tumor Uptake of Carbon Dots. <i>ACS Nano</i> , 2013, 7, 5684-5693.	14.6	332
63	Simple bioconjugate chemistry serves great clinical advances: albumin as a versatile platform for diagnosis and precision therapy. <i>Chemical Society Reviews</i> , 2016, 45, 1432-1456.	38.1	332
64	Biomimetic Synthesis of Copper Sulfide-Ferritin Nanocages as Cancer Theranostics. <i>ACS Nano</i> , 2016, 10, 3453-3460.	14.6	328
65	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6492-6496.	13.8	328
66	Sequential Drug Release and Enhanced Photothermal and Photoacoustic Effect of Hybrid Reduced Graphene Oxide-Loaded Ultrasmall Gold Nanorod Vesicles for Cancer Therapy. <i>ACS Nano</i> , 2015, 9, 9199-9209.	14.6	323
67	Hierarchical Targeting Strategy for Enhanced Tumor Tissue Accumulation/Retention and Cellular Internalization. <i>Advanced Materials</i> , 2016, 28, 7340-7364.	21.0	320
68	Vascular Endothelial Growth Factor as an Anti-Angiogenic Target for Cancer Therapy. <i>Current Drug Targets</i> , 2010, 11, 1000-1017.	2.1	318
69	Aptamer-based targeted therapy. <i>Advanced Drug Delivery Reviews</i> , 2018, 134, 65-78.	13.7	314
70	Nanoscintillator-Mediated X-ray Inducible Photodynamic Therapy for In Vivo Cancer Treatment. <i>Nano Letters</i> , 2015, 15, 2249-2256.	9.1	312
71	Toxic Reactive Oxygen Species Enhanced Synergistic Combination Therapy by Self-Assembled Metal-Phenolic Network Nanoparticles. <i>Advanced Materials</i> , 2018, 30, 1704877.	21.0	311
72	RGD-Modified Apoferritin Nanoparticles for Efficient Drug Delivery to Tumors. <i>ACS Nano</i> , 2013, 7, 4830-4837.	14.6	308

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73	Nanomaterial-based blood-brain-barrier (BBB) crossing strategies. <i>Biomaterials</i> , 2019, 224, 119491.	11.4	306
74	Intraoperative Imaging-Guided Cancer Surgery: From Current Fluorescence Molecular Imaging Methods to Future Multi-Modality Imaging Technology. <i>Theranostics</i> , 2014, 4, 1072-1084.	10.0	301
75	Peptides and Peptide Hormones for Molecular Imaging and Disease Diagnosis. <i>Chemical Reviews</i> , 2010, 110, 3087-3111.	47.7	300
76	Facile synthesis of pentacle gold-copper alloy nanocrystals and their plasmonic and catalytic properties. <i>Nature Communications</i> , 2014, 5, 4327.	12.8	294
77	US Imaging of Tumor Angiogenesis with Microbubbles Targeted to Vascular Endothelial Growth Factor Receptor Type 2 in Mice. <i>Radiology</i> , 2008, 246, 508-518.	7.3	293
78	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.	13.7	292
79	Recent advances in nanomaterial-based synergistic combination cancer immunotherapy. <i>Chemical Society Reviews</i> , 2019, 48, 3771-3810.	38.1	292
80	Cancer-Associated, Stimuli-Driven, Turn on Theranostics for Multimodality Imaging and Therapy. <i>Advanced Materials</i> , 2017, 29, 1606857.	21.0	290
81	Non-viral delivery systems for CRISPR/Cas9-based genome editing: Challenges and opportunities. <i>Biomaterials</i> , 2018, 171, 207-218.	11.4	289
82	Efficient production and enhanced tumor delivery of engineered extracellular vesicles. <i>Biomaterials</i> , 2016, 105, 195-205.	11.4	286
83	Ultrasmall Semimetal Nanoparticles of Bismuth for Dual-Modal Computed Tomography/Photoacoustic Imaging and Synergistic Thermoradiotherapy. <i>ACS Nano</i> , 2017, 11, 3990-4001.	14.6	282
84	Graphene-based nanomaterials for bioimaging. <i>Advanced Drug Delivery Reviews</i> , 2016, 105, 242-254.	13.7	281
85	Accelerating the Translation of Nanomaterials in Biomedicine. <i>ACS Nano</i> , 2015, 9, 6644-6654.	14.6	279
86	Structure-Relaxivity Relationships of Magnetic Nanoparticles for Magnetic Resonance Imaging. <i>Advanced Materials</i> , 2019, 31, e1804567.	21.0	279
87	High-sensitivity nanosensors for biomarker detection. <i>Chemical Society Reviews</i> , 2012, 41, 2641-2655.	38.1	278
88	Efficient Nanovaccine Delivery in Cancer Immunotherapy. <i>ACS Nano</i> , 2017, 11, 2387-2392.	14.6	278
89	Engineering Phototheranostic Nanoscale Metal-Organic Frameworks for Multimodal Imaging-Guided Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 2040-2051.	8.0	278
90	Dye-Loaded Ferritin Nanocages for Multimodal Imaging and Photothermal Therapy. <i>Advanced Materials</i> , 2014, 26, 6401-6408.	21.0	272

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91	Ultrasound-Activated Sensitizers and Applications. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14212-14233.	13.8	271
92	Near-field thermal radiation between two closely spaced glass plates exceeding Planck's blackbody radiation law. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	270
93	Peptide-Based Probes for Targeted Molecular Imaging. <i>Biochemistry</i> , 2010, 49, 1364-1376.	2.5	269
94	A Synergistically Enhanced T_1 - T_2 Dual-Modal Contrast Agent. <i>Advanced Materials</i> , 2012, 24, 6223-6228.	21.0	269
95	Integrin $\alpha_3\beta_3$ -targeted cancer therapy. <i>Drug Development Research</i> , 2008, 69, 329-339.	2.9	267
96	Stimulus-Responsive NO Release for On-Demand Gas-Sensitized Synergistic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8383-8394.	13.8	266
97	Co ₉ Se ₈ Nanoplates as a New Theranostic Platform for Photoacoustic/Magnetic Resonance Dual-Modal Imaging-Guided Chemo-Photothermal Combination Therapy. <i>Advanced Materials</i> , 2015, 27, 3285-3291.	21.0	265
98	Development of endogenous enzyme-responsive nanomaterials for theranostics. <i>Chemical Society Reviews</i> , 2018, 47, 5554-5573.	38.1	260
99	Supramolecular cancer nanotheranostics. <i>Chemical Society Reviews</i> , 2021, 50, 2839-2891.	38.1	257
100	Artificial cells: from basic science to applications. <i>Materials Today</i> , 2016, 19, 516-532.	14.2	256
101	Ultrasmall Gold Nanorod Vesicles with Enhanced Tumor Accumulation and Fast Excretion from the Body for Cancer Therapy. <i>Advanced Materials</i> , 2015, 27, 4910-4917.	21.0	254
102	Preparation and characterization of water-soluble albumin-bound curcumin nanoparticles with improved antitumor activity. <i>International Journal of Pharmaceutics</i> , 2011, 403, 285-291.	5.2	252
103	Self-Assembly of Amphiphilic Plasmonic Micelle-Like Nanoparticles in Selective Solvents. <i>Journal of the American Chemical Society</i> , 2013, 135, 7974-7984.	13.7	251
104	microPET imaging of glioma integrin $\alpha_3\beta_3$ expression using (64)Cu-labeled tetrameric RGD peptide. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1707-18.	5.0	251
105	Iron Oxide Nanoparticle Based Contrast Agents for Magnetic Resonance Imaging. <i>Molecular Pharmaceutics</i> , 2017, 14, 1352-1364.	4.6	250
106	Repurposing Cyanine NIR-II Dyes Accelerates Clinical Translation of Near-Infrared (NIR-II) Bioimaging. <i>Advanced Materials</i> , 2018, 30, e1802546.	21.0	249
107	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.	13.8	249
108	Fluorescence imaging of pathophysiological microenvironments. <i>Chemical Society Reviews</i> , 2021, 50, 8887-8902.	38.1	247

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109	Ferritin Nanocages To Encapsulate and Deliver Photosensitizers for Efficient Photodynamic Therapy against Cancer. <i>ACS Nano</i> , 2013, 7, 6988-6996.	14.6	246
110	Chimeric Ferritin Nanocages for Multiple Function Loading and Multimodal Imaging. <i>Nano Letters</i> , 2011, 11, 814-819.	9.1	240
111	Multifunctional Theranostic Nanoparticles Based on Exceedingly Small Magnetic Iron Oxide Nanoparticles for T_1 -Weighted Magnetic Resonance Imaging and Chemotherapy. <i>ACS Nano</i> , 2017, 11, 10992-11004.	14.6	239
112	Synthesis and Biological Evaluation of Dimeric RGD Peptide~Paclitaxel Conjugate as a Model for Integrin-Targeted Drug Delivery. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 1098-1106.	6.4	238
113	Albumin/vaccine nanocomplexes that assemble in vivo for combination cancer immunotherapy. <i>Nature Communications</i> , 2017, 8, 1954.	12.8	237
114	Ceria nanocrystals decorated mesoporous silica nanoparticle based ROS-scavenging tissue adhesive for highly efficient regenerative wound healing. <i>Biomaterials</i> , 2018, 151, 66-77.	11.4	235
115	Endoplasmic Reticulum Targeting to Amplify Immunogenic Cell Death for Cancer Immunotherapy. <i>Nano Letters</i> , 2020, 20, 1928-1933.	9.1	235
116	Near-Infrared Fluorescent RGD Peptides for Optical Imaging of Integrin $\alpha_3\beta_1$ Expression in Living Mice. <i>Bioconjugate Chemistry</i> , 2005, 16, 1433-1441.	3.6	233
117	Clinical Application of Radiolabeled RGD Peptides for PET Imaging of Integrin $\alpha_3\beta_1$. <i>Theranostics</i> , 2016, 6, 78-92.	10.0	233
118	MicroPET and Autoradiographic Imaging of Breast Cancer $\alpha_3\beta_1$ -Integrin Expression Using ^{18}F - and ^{64}Cu -Labeled RGD Peptide. <i>Bioconjugate Chemistry</i> , 2004, 15, 41-49.	3.6	232
119	Quantitative PET of EGFR expression in xenograft-bearing mice using ^{64}Cu -labeled cetuximab, a chimeric anti-EGFR monoclonal antibody. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 850-858.	6.4	231
120	pH-Controlled Gas-Generating Mineralized Nanoparticles: A Theranostic Agent for Ultrasound Imaging and Therapy of Cancers. <i>ACS Nano</i> , 2015, 9, 134-145.	14.6	231
121	X-ray-activated nanosystems for theranostic applications. <i>Chemical Society Reviews</i> , 2019, 48, 3073-3101.	38.1	231
122	Preparation of peptide-conjugated quantum dots for tumor vasculature-targeted imaging. <i>Nature Protocols</i> , 2008, 3, 89-96.	12.0	228
123	Quantitative PET imaging of tumor integrin $\alpha_3\beta_1$ expression with ^{18}F -FRGD2. <i>Journal of Nuclear Medicine</i> , 2006, 47, 113-21.	5.0	228
124	^{64}Cu -Labeled Tetrameric and Octameric RGD Peptides for Small-Animal PET of Tumor $\alpha_3\beta_1$ Integrin Expression. <i>Journal of Nuclear Medicine</i> , 2007, 48, 1162-1171.	5.0	227
125	Supramolecular Polymer-Based Nanomedicine: High Therapeutic Performance and Negligible Long-Term Immunotoxicity. <i>Journal of the American Chemical Society</i> , 2018, 140, 8005-8019.	13.7	227
126	Engineered Iron-Oxide-Based Nanoparticles as Enhanced T_1 Contrast Agents for Efficient Tumor Imaging. <i>ACS Nano</i> , 2013, 7, 3287-3296.	14.6	226

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127	Anti-Angiogenic Cancer Therapy Based on Integrin $\alpha_3\beta_1$ Antagonism. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2006, 6, 407-428.	1.7	222
128	Tumor Microenvironment-Triggered Supramolecular System as an In Situ Nanotheranostic Generator for Cancer Phototherapy. <i>Advanced Materials</i> , 2017, 29, 1605928.	21.0	222
129	Family of Enhanced Photoacoustic Imaging Agents for High-Sensitivity and Multiplexing Studies in Living Mice. <i>ACS Nano</i> , 2012, 6, 4694-4701.	14.6	221
130	Tumor-Specific Drug Release and Reactive Oxygen Species Generation for Cancer Chemo/Chemodynamic Combination Therapy. <i>Advanced Science</i> , 2019, 6, 1801986.	11.2	221
131	Tumor Vasculature Targeted Photodynamic Therapy for Enhanced Delivery of Nanoparticles. <i>ACS Nano</i> , 2014, 8, 6004-6013.	14.6	218
132	PET of vascular endothelial growth factor receptor expression. <i>Journal of Nuclear Medicine</i> , 2006, 47, 2048-56.	5.0	217
133	Polyphenol-Containing Nanoparticles: Synthesis, Properties, and Therapeutic Delivery. <i>Advanced Materials</i> , 2021, 33, e2007356.	21.0	216
134	Stimuli-Responsive Programmed Specific Targeting in Nanomedicine. <i>ACS Nano</i> , 2016, 10, 2991-2994.	14.6	215
135	Near-Infrared-II (NIR-II) Bioimaging via Off-Peak NIR-I Fluorescence Emission. <i>Theranostics</i> , 2018, 8, 4141-4151.	10.0	214
136	Recent Advances in Photoacoustic Imaging for Deep-Tissue Biomedical Applications. <i>Theranostics</i> , 2016, 6, 2394-2413.	10.0	213
137	Peptides in cancer nanomedicine: Drug carriers, targeting ligands and protease substrates. <i>Journal of Controlled Release</i> , 2012, 159, 2-13.	9.9	211
138	Dual imaging-guided photothermal/photodynamic therapy using micelles. <i>Biomaterials</i> , 2014, 35, 4656-4666.	11.4	210
139	Manipulating Intratumoral Fenton Chemistry for Enhanced Chemodynamic and Chemodynamic-Synergized Multimodal Therapy. <i>Advanced Materials</i> , 2021, 33, e2104223.	21.0	210
140	¹⁸ F-labeled RGD peptide: initial evaluation for imaging brain tumor angiogenesis. <i>Nuclear Medicine and Biology</i> , 2004, 31, 179-189.	0.6	208
141	Gold Nanoparticle Coated Carbon Nanotube Ring with Enhanced Raman Scattering and Photothermal Conversion Property for Theranostic Applications. <i>Journal of the American Chemical Society</i> , 2016, 138, 7005-7015.	13.7	208
142	Nanotechnology-Enhanced No-Wash Biosensors for <i>in Vitro</i> Diagnostics of Cancer. <i>ACS Nano</i> , 2017, 11, 5238-5292.	14.6	208
143	Chemotherapeutic drug-photothermal agent co-self-assembling nanoparticles for near-infrared fluorescence and photoacoustic dual-modal imaging-guided chemo-photothermal synergistic therapy. <i>Journal of Controlled Release</i> , 2017, 258, 95-107.	9.9	207
144	Enhanced Antitumor Efficacy by a Cascade of Reactive Oxygen Species Generation and Drug Release. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14758-14763.	13.8	207

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145	Trafficking Mesenchymal Stem Cell Engraftment and Differentiation in Tumor-Bearing Mice by Bioluminescence Imaging. <i>Stem Cells</i> , 2009, 27, 1548-1558.	3.2	206
146	The design and application of fluorophore-gold nanoparticle activatable probes. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9929.	2.8	206
147	Integrin Targeted Delivery of Chemotherapeutics. <i>Theranostics</i> , 2011, 1, 189-200.	10.0	203
148	Protease-Activated Drug Development. <i>Theranostics</i> , 2012, 2, 156-179.	10.0	203
149	Triphase Interface Synthesis of Plasmonic Gold Bellflowers as Near-Infrared Light Mediated Acoustic and Thermal Theranostics. <i>Journal of the American Chemical Society</i> , 2014, 136, 8307-8313.	13.7	203
150	Antitumor Activity of a Unique Polymer That Incorporates a Fluorescent Self-Assembled Metallacycle. <i>Journal of the American Chemical Society</i> , 2017, 139, 15940-15949.	13.7	203
151	Photosensitizer-conjugated silica-coated gold nanoclusters for fluorescence imaging-guided photodynamic therapy. <i>Biomaterials</i> , 2013, 34, 4643-4654.	11.4	201
152	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.	13.7	201
153	Hybrid cellular membrane nanovesicles amplify macrophage immune responses against cancer recurrence and metastasis. <i>Nature Communications</i> , 2020, 11, 4909.	12.8	199
154	Imaging of Integrins as Biomarkers for Tumor Angiogenesis. <i>Current Pharmaceutical Design</i> , 2008, 14, 2943-2973.	1.9	198
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