

Weibo Cai

List of Publications by Year in descending order

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Version: 2024-02-01

386
papers

33,199
citations

3325

91
h-index

5227

165
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394
all docs

394
docs citations

394
times ranked

33390
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured polyvinylpyrrolidone-curcumin conjugates allowed for kidney-targeted treatment of cisplatin induced acute kidney injury. <i>Bioactive Materials</i> , 2023, 19, 282-291.	8.6	17
2	ImmunoPET of trophoblast cell-surface antigen 2 (Trop-2) expression in pancreatic cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 861-870.	3.3	18
3	Spherical nucleic acids: Organized nucleotide aggregates as versatile nanomedicine. <i>Aggregate</i> , 2022, 3, e120.	5.2	21
4	⁶⁴ Cu-labeled daratumumab F(ab ²) ₂ fragment enables early visualization of CD38-positive lymphoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1470-1481.	3.3	12
5	PET with a ⁶⁸ Ga-Labeled FAPI Dimer: Moving Toward Theranostics. <i>Journal of Nuclear Medicine</i> , 2022, 63, 860-861.	2.8	6
6	Clinical summary of fibroblast activation protein inhibitor-based radiopharmaceuticals: cancer and beyond. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2844-2868.	3.3	43
7	Harnessing DNA for Immunotherapy: Cancer, Infectious Diseases, and Beyond. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	10
8	Enhancing fibroblast activation protein (FAP)-targeted radionuclide therapy with albumin binding, and beyond. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, , 1.	3.3	7
9	Open-shell Nanosensitizers for Glutathione Responsive Cancer Sonodynamic Therapy. <i>Advanced Materials</i> , 2022, 34, e2110283.	11.1	48
10	Multimodality imaging of nanoparticle-based vaccines: Shedding light on immunology. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022, , e1807.	3.3	1
11	State-of-the-art of nuclear medicine and molecular imaging in China: after the first 66 years (1956-2022). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2455-2461.	3.3	1
12	Engineering CpG-CASO-Pt-Loaded Macrophages (CAP@M) for Synergistic Chemo-Geno-Immuno-Therapy. <i>Advanced Healthcare Materials</i> , 2022, 11, .	3.9	8
13	Catalytic radiosensitization: Insights from materials physicochemistry. <i>Materials Today</i> , 2022, 57, 262-278.	8.3	16
14	Engineering biocompatible TeSex nano-alloys as a versatile theranostic nanoplatform. <i>National Science Review</i> , 2021, 8, .	4.6	10
15	Internally Responsive Nanomaterials for Activatable Multimodal Imaging of Cancer. <i>Advanced Healthcare Materials</i> , 2021, 10, e2000690.	3.9	35
16	Responsive hyaluronic acid-gold cluster hybrid nanogel theranostic systems. <i>Biomaterials Science</i> , 2021, 9, 1363-1373.	2.6	19
17	Labeling of Erythrocytes by Porphyrin-Phospholipid. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000013.	1.7	2
18	Noninvasive Evaluation of CD20 Expression Using ⁶⁴ Cu-Labeled F(ab ²) ₂ Fragments of Obinutuzumab in Lymphoma. <i>Journal of Nuclear Medicine</i> , 2021, 62, 372-378.	2.8	21

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19	Dynamic PET imaging with ultra-low-activity of ¹⁸ F-FDG: unleashing the potential of total-body PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 4138-4141.	3.3	13
20	High-performance renal imaging with a radiolabeled, non-excretable chimeric fusion protein. <i>Theranostics</i> , 2021, 11, 9177-9179.	4.6	0
21	ImmunoPET of CD146 in Orthotopic and Metastatic Breast Cancer Models. <i>Bioconjugate Chemistry</i> , 2021, 32, 1306-1314.	1.8	13
22	First-in-human study of an ¹⁸ F-labeled boramino acid: a new class of PET tracers. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3037-3040.	3.3	8
23	ImmunoPET/NIRF/Cerenkov multimodality imaging of ICAM-1 in pancreatic ductal adenocarcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2737-2748.	3.3	14
24	CD38-Targeted Theranostics of Lymphoma with ⁸⁹ Zr/ ¹⁷⁷ Lu-Labeled Daratumumab. <i>Advanced Science</i> , 2021, 8, 2001879.	5.6	20
25	Endoglin/CD105-Based Imaging of Cancer and Cardiovascular Diseases: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4804.	1.8	10
26	Antioxidant and C5a-blocking strategy for hepatic ischemia-reperfusion injury repair. <i>Journal of Nanobiotechnology</i> , 2021, 19, 107.	4.2	13
27	Ultrasmall Porous Silica Nanoparticles with Enhanced Pharmacokinetics for Cancer Theranostics. <i>Nano Letters</i> , 2021, 21, 4692-4699.	4.5	30
28	ImmunoPET of CD38 with a radiolabeled nanobody: promising for clinical translation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2683-2686.	3.3	3
29	Next-Generation Molecular Imaging of Thyroid Cancer. <i>Cancers</i> , 2021, 13, 3188.	1.7	6
30	Wafer-scale heterostructured piezoelectric bio-organic thin films. <i>Science</i> , 2021, 373, 337-342.	6.0	129
31	A self-powered implantable and bioresorbable electrostimulation device for biofeedback bone fracture healing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	71
32	Head-to-Head Comparison of Neck ¹⁸ F-FDG PET/MR and PET/CT in the Diagnosis of Differentiated Thyroid Carcinoma Patients after Comprehensive Treatment. <i>Cancers</i> , 2021, 13, 3436.	1.7	6
33	Astrocyte-Neuron Signaling in Synaptogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 680301.	1.8	31
34	First clinical experience of ¹⁰⁶ Ag, long axial field-of-view (LAFOV) PET/CT: an elegant balance between standard axial (²³ Ag) and total-body (¹⁹⁴ Ag) systems. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3755-3759.	3.3	11
35	Long-term in vivo operation of implanted cardiac nanogenerators in swine. <i>Nano Energy</i> , 2021, 90, 106507.	8.2	19
36	Radionuclide-Based Imaging of Breast Cancer: State of the Art. <i>Cancers</i> , 2021, 13, 5459.	1.7	18

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37	ImmunoPET of the differential expression of CD146 in breast cancer. American Journal of Cancer Research, 2021, 11, 1586-1599.	1.4	0
38	New wine in old bottles: Ga-PSMA-11 PET/CT reveals COVID-19 in patients with prostate cancer. American Journal of Nuclear Medicine and Molecular Imaging, 2021, 11, 332-336.	1.0	2
39	Intracellular signaling pathway in dendritic cells and antigen transport pathway in vivo mediated by an OVA@DDAB/PLGA nano-vaccine. Journal of Nanobiotechnology, 2021, 19, 394.	4.2	20
40	Dimeric FAPI with potential for tumor theranostics.. American Journal of Nuclear Medicine and Molecular Imaging, 2021, 11, 537-541.	1.0	3
41	HPMA-based star polymer biomaterials with tuneable structure and biodegradability tailored for advanced drug delivery to solid tumours. Biomaterials, 2020, 235, 119728.	5.7	33
42	Spatiotemporal Distribution of Agrin after Intrathecal Injection and Its Protective Role in Cerebral Ischemia/Reperfusion Injury. Advanced Science, 2020, 7, 1902600.	5.6	5
43	Chirality-Driven Transportation and Oxidation Prevention by Chiral Selenium Nanoparticles. Angewandte Chemie, 2020, 132, 4436-4444.	1.6	22
44	Chirality-Driven Transportation and Oxidation Prevention by Chiral Selenium Nanoparticles. Angewandte Chemie - International Edition, 2020, 59, 4406-4414.	7.2	77
45	Total-Body PET Imaging for up to 30 Days After Injection of ⁸⁹ Zr-Labeled Antibodies. Journal of Nuclear Medicine, 2020, 61, 451-452.	2.8	7
46	Self-Amplified Photodynamic Therapy through the ¹ O ₂ -Mediated Internalization of Photosensitizers from a Ppa-Bearing Block Copolymer. Angewandte Chemie, 2020, 132, 3740-3746.	1.6	11
47	Self-Amplified Photodynamic Therapy through the ¹ O ₂ -Mediated Internalization of Photosensitizers from a Ppa-Bearing Block Copolymer. Angewandte Chemie - International Edition, 2020, 59, 3711-3717.	7.2	62
48	Multifunctional Artificial Artery from Direct 3D Printing with Built-in Ferroelectricity and Tissue-Matching Modulus for Real-time Sensing and Occlusion Monitoring. Advanced Functional Materials, 2020, 30, 2002868.	7.8	46
49	Frontispiz: Chirality-Driven Transportation and Oxidation Prevention by Chiral Selenium Nanoparticles. Angewandte Chemie, 2020, 132, .	1.6	0
50	Moving Beyond the Pillars of Cancer Treatment: Perspectives From Nanotechnology. Frontiers in Chemistry, 2020, 8, 598100.	1.8	24
51	Nanomedicines for Renal Management: From Imaging to Treatment. Accounts of Chemical Research, 2020, 53, 1869-1880.	7.6	57
52	Prevention of Hepatic Ischemia-Reperfusion Injury by Carbohydrate-Derived Nanoantioxidants. Nano Letters, 2020, 20, 6510-6519.	4.5	32
53	In vitro study of enhanced photodynamic cancer cell killing effect by nanometer-thick gold nanosheets. Nano Research, 2020, 13, 3217-3223.	5.8	17
54	Sulfoxide-Containing Polymer-Coated Nanoparticles Demonstrate Minimal Protein Fouling and Improved Blood Circulation. Advanced Science, 2020, 7, 2000406.	5.6	43

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55	Tissue Factor-Targeted ImmunoPET Imaging and Radioimmunotherapy of Anaplastic Thyroid Cancer. <i>Advanced Science</i> , 2020, 7, 1903595.	5.6	22
56	ImmunoPET: Concept, Design, and Applications. <i>Chemical Reviews</i> , 2020, 120, 3787-3851.	23.0	263
57	⁸⁶ /90Y-Labeled Monoclonal Antibody Targeting Tissue Factor for Pancreatic Cancer Theranostics. <i>Molecular Pharmaceutics</i> , 2020, 17, 1697-1705.	2.3	19
58	Frontispiece: Chirality-Driven Transportation and Oxidation Prevention by Chiral Selenium Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	7.2	1
59	[^{nat} / ⁴⁴ Sc(pypa)] ⁺ : Thermodynamic Stability, Radiolabeling, and Biodistribution of a Prostate-Specific-Membrane-Antigen-Targeting Conjugate. <i>Inorganic Chemistry</i> , 2020, 59, 1985-1995.	1.9	23
60	Selenium-Doped Carbon Quantum Dots Act as Broad-Spectrum Antioxidants for Acute Kidney Injury Management. <i>Advanced Science</i> , 2020, 7, 2000420.	5.6	109
61	Development and characterization of CD54-targeted immunoPET imaging in solid tumors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2765-2775.	3.3	15
62	Coordination chemistry of [Y(pypa)] ⁺ and comparison immuno-PET imaging of [⁴⁴ Sc]Sc- and [⁸⁶ Y]Y-pypa-phenyl-TRC105. <i>Dalton Transactions</i> , 2020, 49, 5547-5562.	1.6	12
63	ImmunoPET Imaging of TIM-3 in Murine Melanoma Models. <i>Advanced Therapeutics</i> , 2020, 3, 2000018.	1.6	12
64	PET imaging of macrophages in cardiovascular diseases. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 1491-1514.	0.0	11
65	Molecular imaging of β^2 -cells: diabetes and beyond. <i>Advanced Drug Delivery Reviews</i> , 2019, 139, 16-31.	6.6	42
66	Multimodality Imaging Agents with PET as the Fundamental Pillar. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2570-2579.	7.2	62
67	Multimodale Kontrastmittel für die kombinierte Positronenemissionstomographie. <i>Angewandte Chemie</i> , 2019, 131, 2592-2602.	1.6	8
68	Ceria Nanoparticles Meet Hepatic Ischemia-Reperfusion Injury: The Perfect Imperfection. <i>Advanced Materials</i> , 2019, 31, e1902956.	11.1	150
69	Imaging and therapy of diabetes: State of the art. <i>Advanced Drug Delivery Reviews</i> , 2019, 139, 1-2.	6.6	2
70	Production and in vivo PET/CT imaging of the theranostic pair ¹³² / ¹³⁵ La. <i>Scientific Reports</i> , 2019, 9, 10658.	1.6	29
71	Size-Optimized Ultrasmall Porous Silica Nanoparticles Depict Vasculature-Based Differential Targeting in Triple Negative Breast Cancer. <i>Small</i> , 2019, 15, e1903747.	5.2	39
72	Intrathecal Administration of Nanoclusters for Protecting Neurons against Oxidative Stress in Cerebral Ischemia/Reperfusion Injury. <i>ACS Nano</i> , 2019, 13, 13382-13389.	7.3	53

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73	Smart H ₂ O ₂ -Triggered/Therapeutic System (SHTS)-Based Nanomedicine. <i>Advanced Science</i> , 2019, 6, 1901724.	5.6	55
74	Targeting and microenvironment-improving of phenylboronic acid-decorated soy protein nanoparticles with different sizes to tumor. <i>Theranostics</i> , 2019, 9, 7417-7430.	4.6	36
75	A "Missile-Detonation" Strategy to Precisely Supply and Efficiently Amplify Cerenkov Radiation Energy for Cancer Theranostics. <i>Advanced Materials</i> , 2019, 31, e1904894.	11.1	35
76	A Melanin-Based Natural Antioxidant Defense Nanosystem for Theranostic Application in Acute Kidney Injury. <i>Advanced Functional Materials</i> , 2019, 29, 1904833.	7.8	111
77	Self-Activated Electrical Stimulation for Effective Hair Regeneration <i>via</i> a Wearable Omnidirectional Pulse Generator. <i>ACS Nano</i> , 2019, 13, 12345-12356.	7.3	90
78	Aptamer-Conjugated Framework Nucleic Acids for the Repair of Cerebral Ischemia-Reperfusion Injury. <i>Nano Letters</i> , 2019, 19, 7334-7341.	4.5	51
79	Nanozyme: new horizons for responsive biomedical applications. <i>Chemical Society Reviews</i> , 2019, 48, 3683-3704.	18.7	1,101
80	⁶⁴ Cu-Labeled Aptamers for Tumor-Targeted Radionuclide Delivery. <i>Methods in Molecular Biology</i> , 2019, 1974, 223-231.	0.4	4
81	Site-Specific Immuno-PET Tracer to Image PD-L1. <i>Molecular Pharmaceutics</i> , 2019, 16, 2028-2036.	2.3	41
82	Noninvasive Imaging and Quantification of Radiotherapy-Induced PD-L1 Upregulation with ⁸⁹ Zr- ⁶⁴ Cu-Atezolizumab. <i>Bioconjugate Chemistry</i> , 2019, 30, 1434-1441.	1.8	34
83	Nanoparticles as Radiopharmaceutical Vectors. , 2019, , 181-203.		7
84	Monoclonal Antibody against CXCL1 (HL2401) as a Novel Agent in Suppressing IL6 Expression and Tumoral Growth. <i>Theranostics</i> , 2019, 9, 853-867.	4.6	25
85	CD146-Targeted Multimodal Image-Guided Photoimmunotherapy of Melanoma. <i>Advanced Science</i> , 2019, 6, 1801237.	5.6	42
86	Radionuklidaktivierte Nanomaterialien und ihre biomedizinische Anwendung. <i>Angewandte Chemie</i> , 2019, 131, 13366-13387.	1.6	5
87	Radionuclide-Activated Nanomaterials and Their Biomedical Applications. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13232-13252.	7.2	43
88	Surfactant-Stripped Pheophytin Micelles for Multimodal Tumor Imaging and Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , 2019, 2, 544-554.	2.3	16
89	Efficient renal clearance of DNA tetrahedron nanoparticles enables quantitative evaluation of kidney function. <i>Nano Research</i> , 2019, 12, 637-642.	5.8	34
90	Predicting PD-1/PD-L1 status in bladder cancer with ¹⁸ F-FDG PET?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 791-793.	3.3	1

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91	Exploiting Nanomaterial-Mediated Autophagy for Cancer Therapy. <i>Small Methods</i> , 2019, 3, 1800365.	4.6	25
92	Antibody-Based Tracers for PET/SPECT Imaging of Chronic Inflammatory Diseases. <i>ChemBioChem</i> , 2019, 20, 422-436.	1.3	23
93	Antibody and fragment-based PET imaging of CTLA-4+ T-cells in humanized mouse models. <i>American Journal of Cancer Research</i> , 2019, 9, 53-63.	1.4	19
94	Dual-labeled pertuzumab for multimodality image-guided ovarian tumor resection. <i>American Journal of Cancer Research</i> , 2019, 9, 1454-1468.	1.4	11
95	Immuno-PET imaging of VEGFR-2 expression in prostate cancer with Zr-labeled ramucirumab. <i>American Journal of Cancer Research</i> , 2019, 9, 2037-2046.	1.4	7
96	ImmunoPET imaging of CD38 expression in hepatocellular carcinoma using Cu-labeled daratumumab. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 6007-6015.	0.0	8
97	HER2-targeted multimodal imaging of anaplastic thyroid cancer. <i>American Journal of Cancer Research</i> , 2019, 9, 2413-2427.	1.4	10
98	Big Potential from Small Agents: Nanoparticles for Imaging-Based Companion Diagnostics. <i>ACS Nano</i> , 2018, 12, 2106-2121.	7.3	117
99	A Switchable Site-Specific Antibody Conjugate. <i>ACS Chemical Biology</i> , 2018, 13, 958-964.	1.6	15
100	Bacteria-like mesoporous silica-coated gold nanorods for positron emission tomography and photoacoustic imaging-guided chemo-photothermal combined therapy. <i>Biomaterials</i> , 2018, 165, 56-65.	5.7	134
101	Radiolabeling Silica-Based Nanoparticles via Coordination Chemistry: Basic Principles, Strategies, and Applications. <i>Accounts of Chemical Research</i> , 2018, 51, 778-788.	7.6	77
102	Radiolabeled polyoxometalate clusters: Kidney dysfunction evaluation and tumor diagnosis by positron emission tomography imaging. <i>Biomaterials</i> , 2018, 171, 144-152.	5.7	42
103	ImmunoPET imaging of CD38 in murine lymphoma models using ⁸⁹ Zr-labeled daratumumab. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1372-1381.	3.3	30
104	Evaluation of the biological activities of the IL-15 superagonist complex, ALT-803, following intravenous versus subcutaneous administration in murine models. <i>Cytokine</i> , 2018, 107, 105-112.	1.4	31
105	PET radiometals for antibody labeling. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 636-651.	0.5	43
106	Reassembly of ⁸⁹ Zr-Labeled Cancer Cell Membranes into Multicompartment Membrane-Derived Liposomes for PET-Trackable Tumor-Targeted Theranostics. <i>Advanced Materials</i> , 2018, 30, e1704934.	11.1	86
107	One-step synthesis of an ¹⁸ F-labeled boron-derived methionine analog: a substitute for ¹¹ C-methionine?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 582-584.	3.3	2
108	Radiotheranostics in Cancer Diagnosis and Management. <i>Radiology</i> , 2018, 286, 388-400.	3.6	91

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109	Activatable Hybrid Nanotheranostics for Tetramodal Imaging and Synergistic Photothermal/Photodynamic Therapy. <i>Advanced Materials</i> , 2018, 30, 1704367.	11.1	165
110	Dual-Targeted Molecular Imaging of Cancer. <i>Journal of Nuclear Medicine</i> , 2018, 59, 390-395.	2.8	37
111	Noninvasive PET Imaging of T cells. <i>Trends in Cancer</i> , 2018, 4, 359-373.	3.8	88
112	Noninvasive Trafficking of Brentuximab Vedotin and PET Imaging of CD30 in Lung Cancer Murine Models. <i>Molecular Pharmaceutics</i> , 2018, 15, 1627-1634.	2.3	19
113	Efficient Uptake of ¹⁷⁷ Lu- α -Porphyrin-PEG Nanocomplexes by Tumor Mitochondria for Multimodal α -Imaging-Guided Combination Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 218-222.	7.2	85
114	PET and SPECT imaging of melanoma: the state of the art. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 132-150.	3.3	29
115	⁸⁹ Zr-labeled nivolumab for imaging of T-cell infiltration in a humanized murine model of lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 110-120.	3.3	100
116	Targeting angiogenesis for radioimmunotherapy with a ¹⁷⁷ Lu-labeled antibody. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 123-131.	3.3	17
117	Efficient Uptake of ¹⁷⁷ Lu- α -Porphyrin-PEG Nanocomplexes by Tumor Mitochondria for Multimodal α -Imaging-Guided Combination Therapy. <i>Angewandte Chemie</i> , 2018, 130, 224-228.	1.6	10
118	Implanted Battery-Free Direct-Current Micro-Power Supply from in Vivo Breath Energy Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42030-42038.	4.0	54
119	DNA origami nanostructures can exhibit preferential renal uptake and alleviate acute kidney injury. <i>Nature Biomedical Engineering</i> , 2018, 2, 865-877.	11.6	297
120	Effective weight control via an implanted self-powered vagus nerve stimulation device. <i>Nature Communications</i> , 2018, 9, 5349.	5.8	242
121	Molybdenum-based nanoclusters act as antioxidants and ameliorate acute kidney injury in mice. <i>Nature Communications</i> , 2018, 9, 5421.	5.8	184
122	Effective Wound Healing Enabled by Discrete Alternative Electric Fields from Wearable Nanogenerators. <i>ACS Nano</i> , 2018, 12, 12533-12540.	7.3	234
123	Photo-Enhanced Singlet Oxygen Generation of Prussian Blue-Based Nanocatalyst for Augmented Photodynamic Therapy. <i>IScience</i> , 2018, 9, 14-26.	1.9	46
124	Magnetic Targeting of Nanotheranostics Enhances Cerenkov Radiation-Induced Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2018, 140, 14971-14979.	6.6	148
125	Scavenging of reactive oxygen and nitrogen species with nanomaterials. <i>Nano Research</i> , 2018, 11, 4955-4984.	5.8	199
126	⁸⁶ /90Y-Based Theranostics Targeting Angiogenesis in a Murine Breast Cancer Model. <i>Molecular Pharmaceutics</i> , 2018, 15, 2606-2613.	2.3	19

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127	Exogenous Radionanomedicine: Inorganic Nanomaterials. Biological and Medical Physics Series, 2018, , 13-47.	0.3	2
128	A highly hemocompatible erythrocyte membrane-coated ultrasmall selenium nanosystem for simultaneous cancer radiosensitization and precise antiangiogenesis. Journal of Materials Chemistry B, 2018, 6, 4756-4764.	2.9	56
129	In Vivo Imaging of Inflammation and Infection. Contrast Media and Molecular Imaging, 2018, 2018, 1-2.	0.4	1
130	PET Imaging of Receptor Tyrosine Kinases in Cancer. Molecular Cancer Therapeutics, 2018, 17, 1625-1636.	1.9	35
131	“Albumin Hitchhiking” with an Evans Blue Analog for Cancer Theranostics. Theranostics, 2018, 8, 812-814.	4.6	20
132	Study of long-term biocompatibility and bio-safety of implantable nanogenerators. Nano Energy, 2018, 51, 728-735.	8.2	67
133	In Vivo Tumor-Targeted Dual-Modality PET/Optical Imaging with a Yolk/Shell-Structured Silica Nanosystem. Nano-Micro Letters, 2018, 10, 65.	14.4	31
134	General synthesis of silica-based yolk/shell hybrid nanomaterials and in vivo tumor vasculature targeting. Nano Research, 2018, 11, 4890-4904.	5.8	28
135	Intrinsically Zirconium-89-Labeled Manganese Oxide Nanoparticles for <i>In Vivo</i> Dual-Modality Positron Emission Tomography and Magnetic Resonance Imaging. Journal of Biomedical Nanotechnology, 2018, 14, 900-909.	0.5	29
136	ImmunoPET of CD146 in a Murine Hindlimb Ischemia Model. Molecular Pharmaceutics, 2018, 15, 3434-3441.	2.3	7
137	Targeted β -therapy of prostate cancer using radiolabeled PSMA inhibitors: a game changer in nuclear medicine. American Journal of Nuclear Medicine and Molecular Imaging, 2018, 8, 247-267.	1.0	25
138	Chelator-Free Radiolabeling of Nanographene: Breaking the Stereotype of Chelation. Angewandte Chemie, 2017, 129, 2935-2938.	1.6	9
139	β - Versus β^2 -Emitting Radionuclides for Pretargeted Radioimmunotherapy of Carcinoembryonic Antigen-Expressing Human Colon Cancer Xenografts. Journal of Nuclear Medicine, 2017, 58, 926-933.	2.8	34
140	Chelator-Free Radiolabeling of Nanographene: Breaking the Stereotype of Chelation. Angewandte Chemie - International Edition, 2017, 56, 2889-2892.	7.2	65
141	Intrinsic and Stable Conjugation of Thiolated Mesoporous Silica Nanoparticles with Radioarsenic. ACS Applied Materials & Interfaces, 2017, 9, 6772-6781.	4.0	40
142	Surfactant-stripped naphthalocyanines for multimodal tumor theranostics with upconversion guidance cream. Nanoscale, 2017, 9, 3391-3398.	2.8	38
143	Bioresponsive Polyoxometalate Cluster for Redox-Activated Photoacoustic Imaging-Guided Photothermal Cancer Therapy. Nano Letters, 2017, 17, 3282-3289.	4.5	135
144	Intrinsic radiolabeling of Titanium-45 using mesoporous silica nanoparticles. Acta Pharmacologica Sinica, 2017, 38, 907-913.	2.8	47

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145	Harnessing the Power of Nanotechnology for Enhanced Radiation Therapy. ACS Nano, 2017, 11, 5233-5237.	7.3	109
146	Radiomanganese PET Detects Changes in Functional β -Cell Mass in Mouse Models of Diabetes. Diabetes, 2017, 66, 2163-2174.	0.3	32
147	Preparation and in vivo characterization of $^{51}\text{MnCl}_2$ as PET tracer of Ca^{2+} channel-mediated transport. Scientific Reports, 2017, 7, 3033.	1.6	22
148	CD38 as a PET Imaging Target in Lung Cancer. Molecular Pharmaceutics, 2017, 14, 2400-2406.	2.3	25
149	Radiolabeled pertuzumab for imaging of human epidermal growth factor receptor 2 expression in ovarian cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1296-1305.	3.3	31
150	ImmunoPET Imaging of CTLA-4 Expression in Mouse Models of Non-small Cell Lung Cancer. Molecular Pharmaceutics, 2017, 14, 1782-1789.	2.3	84
151	ImmunoPET and Near-Infrared Fluorescence Imaging of Pancreatic Cancer with a Dual-Labeled Bispecific Antibody Fragment. Molecular Pharmaceutics, 2017, 14, 1646-1655.	2.3	36
152	Theranostic Liposomes with Hypoxia-Activated Prodrug to Effectively Destruct Hypoxic Tumors Post-Photodynamic Therapy. ACS Nano, 2017, 11, 927-937.	7.3	358
153	Novel Small Molecule Probes for Metastatic Melanoma. ACS Medicinal Chemistry Letters, 2017, 8, 179-184.	1.3	11
154	Theranostic Nanoplatforams for PET Image-Guided Drug Delivery. , 2017, , 257-275.		0
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