

Dawei Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4345441/publications.pdf>

Version: 2024-02-01

94
papers

5,010
citations

136950

32
h-index

95266

68
g-index

98
all docs

98
docs citations

98
times ranked

5995
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.	15.6	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.	6.4	18
3	Spherical nucleic acids: Organized nucleotide aggregates as versatile nanomedicine. <i>Aggregate</i> , 2022, 3, e120.	9.9	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.	6.4	12
5	Framework Nucleic Acids in Nuclear Medicine Imaging: Shedding Light on Nano-Bio Interactions. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	7
6	Multi-antitumor therapy and synchronous imaging monitoring based on exosome. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2668-2681.	6.4	16
7	Visualizing Cytokeratin-14 Levels in Basal-Like Breast Cancer via ImmunoSPECT Imaging. <i>Molecular Pharmaceutics</i> , 2022, 19, 3542-3550.	4.6	1
8	Advances in aptamer-based nuclear imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2544-2559.	6.4	23
9	Multifunctional flexible contact lens for eye health monitoring using inorganic magnetic oxide nanosheets. <i>Journal of Nanobiotechnology</i> , 2022, 20, 202.	9.1	8
10	Minimizing adverse effects of Cerenkov radiation induced photodynamic therapy with transformable photosensitizer-loaded nanovesicles. <i>Journal of Nanobiotechnology</i> , 2022, 20, 203.	9.1	12
11	Conductive nanocomposite hydrogel and mesenchymal stem cells for the treatment of myocardial infarction and non-invasive monitoring via PET/CT. <i>Journal of Nanobiotechnology</i> , 2022, 20, 211.	9.1	15
12	Glomerular filtration rate calculation based on Ga-EDTA dynamic renal PET.. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 12, 54-62.	1.0	0
13	Nectin-4-targeted immunoSPECT/CT imaging and photothermal therapy of triple-negative breast cancer. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	9.1	14
14	Labeling of Erythrocytes by Porphyrin-Phospholipid. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000013.	3.6	2
15	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.	5.0	21
16	High-performance renal imaging with a radiolabeled, non-excretable chimeric fusion protein. <i>Theranostics</i> , 2021, 11, 9177-9179.	10.0	0
17	ImmunoPET of CD146 in Orthotopic and Metastatic Breast Cancer Models. <i>Bioconjugate Chemistry</i> , 2021, 32, 1306-1314.	3.6	13
18	Radionuclide-based molecular imaging allows CAR-T cellular visualization and therapeutic monitoring. <i>Theranostics</i> , 2021, 11, 6800-6817.	10.0	21

#	ARTICLE	IF	CITATIONS
19	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.	6.4	14
20	A head-to-head comparison of ⁶⁸ Ga-DOTA-FAPI-04 and ¹⁸ F-FDG PET/MR in patients with nasopharyngeal carcinoma: a prospective study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3228-3237.	6.4	62
21	CD38-Targeted Theranostics of Lymphoma with ⁸⁹ Zr/ ¹⁷⁷ Lu-Labeled Daratumumab. <i>Advanced Science</i> , 2021, 8, 2001879.	11.2	20
22	Extracellular vesicles-based pre-targeting strategy enables multi-modal imaging of orthotopic colon cancer and image-guided surgery. <i>Journal of Nanobiotechnology</i> , 2021, 19, 151.	9.1	29
23	Ultrasmall Porous Silica Nanoparticles with Enhanced Pharmacokinetics for Cancer Theranostics. <i>Nano Letters</i> , 2021, 21, 4692-4699.	9.1	30
24	[¹⁸ F]F-ET-OTSSP167 Targets Maternal Embryo Leucine Zipper Kinase for PET Imaging of Triple-Negative Breast Cancer. <i>Molecular Pharmaceutics</i> , 2021, 18, 3544-3552.	4.6	0
25	Escherichiacoli Nissle 1917 as a Novel Microrobot for Tumor-Targeted Imaging and Therapy. <i>Pharmaceutics</i> , 2021, 13, 1226.	4.5	19
26	Incremental Value of Left Ventricular Mechanical Dyssynchrony Assessment by Nitrogen-13 Ammonia ECG-Gated PET in Patients With Coronary Artery Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 719565.	2.4	3
27	Mapping COVID-19 with nuclear imaging: from infection to functional sequelae. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 11, 59-63.	1.0	3
28	ImmunoPET of the differential expression of CD146 in breast cancer. <i>American Journal of Cancer Research</i> , 2021, 11, 1586-1599.	1.4	0
29	New wine in old bottles: Ga-PSMA-11 PET/CT reveals COVID-19 in patients with prostate cancer. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 11, 332-336.	1.0	2
30	Intracellular signaling pathway in dendritic cells and antigen transport pathway in vivo mediated by an OVA@DDAB/PLGA nano-vaccine. <i>Journal of Nanobiotechnology</i> , 2021, 19, 394.	9.1	20
31	Spatiotemporal Distribution of Agrin after Intrathecal Injection and Its Protective Role in Cerebral Ischemia/Reperfusion Injury. <i>Advanced Science</i> , 2020, 7, 1902600.	11.2	5
32	Chirality-Driven Transportation and Oxidation Prevention by Chiral Selenium Nanoparticles. <i>Angewandte Chemie</i> , 2020, 132, 4436-4444.	2.0	22
33	Chirality-Driven Transportation and Oxidation Prevention by Chiral Selenium Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4406-4414.	13.8	77
34	Frontispiz: Chirality-Driven Transportation and Oxidation Prevention by Chiral Selenium Nanoparticles. <i>Angewandte Chemie</i> , 2020, 132, .	2.0	0
35	Nanomedicines for Renal Management: From Imaging to Treatment. <i>Accounts of Chemical Research</i> , 2020, 53, 1869-1880.	15.6	57
36	Prevention of Hepatic Ischemia-Reperfusion Injury by Carbohydrate-Derived Nanoantioxidants. <i>Nano Letters</i> , 2020, 20, 6510-6519.	9.1	32

#	ARTICLE	IF	CITATIONS
37	Salinomycin nanocrystals for colorectal cancer treatment through inhibition of Wnt/ β -catenin signaling. <i>Nanoscale</i> , 2020, 12, 19931-19938.	5.6	15
38	Tissue Factor-Targeted ImmunoPET Imaging and Radioimmunotherapy of Anaplastic Thyroid Cancer. <i>Advanced Science</i> , 2020, 7, 1903595.	11.2	22
39	^{86}Y -Labeled Monoclonal Antibody Targeting Tissue Factor for Pancreatic Cancer Theranostics. <i>Molecular Pharmaceutics</i> , 2020, 17, 1697-1705.	4.6	19
40	Frontispiece: Chirality-Driven Transportation and Oxidation Prevention by Chiral Selenium Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	13.8	1
41	[$^{44}\text{Sc}(\text{py})_3$] $^{3+}$: Thermodynamic Stability, Radiolabeling, and Biodistribution of a Prostate-Specific-Membrane-Antigen-Targeting Conjugate. <i>Inorganic Chemistry</i> , 2020, 59, 1985-1995.	4.0	23
42	Selenium-Doped Carbon Quantum Dots Act as Broad-Spectrum Antioxidants for Acute Kidney Injury Management. <i>Advanced Science</i> , 2020, 7, 2000420.	11.2	109
43	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.	6.4	15
44	ImmunoPET Imaging of TIM-3 in Murine Melanoma Models. <i>Advanced Therapeutics</i> , 2020, 3, 2000018.	3.2	12
45	Tumor pH-responsive metastable-phase manganese sulfide nanotheranostics for traceable hydrogen sulfide gas therapy primed chemodynamic therapy. <i>Theranostics</i> , 2020, 10, 2453-2462.	10.0	120
46	Ceria Nanoparticles Meet Hepatic Ischemia-Reperfusion Injury: The Perfect Imperfection. <i>Advanced Materials</i> , 2019, 31, e1902956.	21.0	150
47	Intrathecal Administration of Nanoclusters for Protecting Neurons against Oxidative Stress in Cerebral Ischemia/Reperfusion Injury. <i>ACS Nano</i> , 2019, 13, 13382-13389.	14.6	53
48	A Melanin-Based Natural Antioxidant Defense Nanosystem for Theranostic Application in Acute Kidney Injury. <i>Advanced Functional Materials</i> , 2019, 29, 1904833.	14.9	111
49	Self-Activated Electrical Stimulation for Effective Hair Regeneration via a Wearable Omnidirectional Pulse Generator. <i>ACS Nano</i> , 2019, 13, 12345-12356.	14.6	90
50	Aptamer-Conjugated Framework Nucleic Acids for the Repair of Cerebral Ischemia-Reperfusion Injury. <i>Nano Letters</i> , 2019, 19, 7334-7341.	9.1	51
51	Nanozyme: new horizons for responsive biomedical applications. <i>Chemical Society Reviews</i> , 2019, 48, 3683-3704.	38.1	1,101
52	Noninvasive Imaging and Quantification of Radiotherapy-Induced PD-L1 Upregulation with ^{89}Zr - ^{64}Cu -Atezolizumab. <i>Bioconjugate Chemistry</i> , 2019, 30, 1434-1441.	3.6	34
53	CD146-Targeted Multimodal Image-Guided Photoimmunotherapy of Melanoma. <i>Advanced Science</i> , 2019, 6, 1801237.	11.2	42
54	Efficient renal clearance of DNA tetrahedron nanoparticles enables quantitative evaluation of kidney function. <i>Nano Research</i> , 2019, 12, 637-642.	10.4	34

#	ARTICLE	IF	CITATIONS
55	Antibody and fragment-based PET imaging of CTLA-4+ T-cells in humanized mouse models. American Journal of Cancer Research, 2019, 9, 53-63.	1.4	19
56	Dual-labeled pertuzumab for multimodality image-guided ovarian tumor resection. American Journal of Cancer Research, 2019, 9, 1454-1468.	1.4	11
57	Immuno-PET imaging of VEGFR-2 expression in prostate cancer with Zr-labeled ramucirumab. American Journal of Cancer Research, 2019, 9, 2037-2046.	1.4	7
58	ImmunoPET imaging of CD38 expression in hepatocellular carcinoma using Cu-labeled daratumumab. American Journal of Translational Research (discontinued), 2019, 11, 6007-6015.	0.0	8
59	HER2-targeted multimodal imaging of anaplastic thyroid cancer. American Journal of Cancer Research, 2019, 9, 2413-2427.	1.4	10
60	A Switchable Site-Specific Antibody Conjugate. ACS Chemical Biology, 2018, 13, 958-964.	3.4	15
61	Bacteria-like mesoporous silica-coated gold nanorods for positron emission tomography and photoacoustic imaging-guided chemo-photothermal combined therapy. Biomaterials, 2018, 165, 56-65.	11.4	134
62	Radiolabeling Silica-Based Nanoparticles via Coordination Chemistry: Basic Principles, Strategies, and Applications. Accounts of Chemical Research, 2018, 51, 778-788.	15.6	77
63	Radiolabeled polyoxometalate clusters: Kidney dysfunction evaluation and tumor diagnosis by positron emission tomography imaging. Biomaterials, 2018, 171, 144-152.	11.4	42
64	ImmunoPET imaging of CD38 in murine lymphoma models using ⁸⁹ Zr-labeled daratumumab. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1372-1381.	6.4	30
65	Reassembly of ⁸⁹ Zr-labeled Cancer Cell Membranes into Multicompartment Membrane-derived Liposomes for PET-trackable Tumor-targeted Theranostics. Advanced Materials, 2018, 30, e1704934.	21.0	86
66	Noninvasive PET Imaging of T cells. Trends in Cancer, 2018, 4, 359-373.	7.4	88
67	Noninvasive Trafficking of Brentuximab Vedotin and PET Imaging of CD30 in Lung Cancer Murine Models. Molecular Pharmaceutics, 2018, 15, 1627-1634.	4.6	19
68	⁸⁹ Zr-labeled nivolumab for imaging of T-cell infiltration in a humanized murine model of lung cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 110-120.	6.4	100
69	Targeting angiogenesis for radioimmunotherapy with a ¹⁷⁷ Lu-labeled antibody. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 123-131.	6.4	17
70	DNA origami nanostructures can exhibit preferential renal uptake and alleviate acute kidney injury. Nature Biomedical Engineering, 2018, 2, 865-877.	22.5	297
71	Molybdenum-based nanoclusters act as antioxidants and ameliorate acute kidney injury in mice. Nature Communications, 2018, 9, 5421.	12.8	184
72	Magnetic Targeting of Nanotheranostics Enhances Cerenkov Radiation-Induced Photodynamic Therapy. Journal of the American Chemical Society, 2018, 140, 14971-14979.	13.7	148

#	ARTICLE	IF	CITATIONS
73	86/90Y-Based Theranostics Targeting Angiogenesis in a Murine Breast Cancer Model. <i>Molecular Pharmaceutics</i> , 2018, 15, 2606-2613.	4.6	19
74	Bioresponsive Polyoxometalate Cluster for Redox-Activated Photoacoustic Imaging-Guided Photothermal Cancer Therapy. <i>Nano Letters</i> , 2017, 17, 3282-3289.	9.1	135
75	CD38 as a PET Imaging Target in Lung Cancer. <i>Molecular Pharmaceutics</i> , 2017, 14, 2400-2406.	4.6	25
76	Radiolabeled pertuzumab for imaging of human epidermal growth factor receptor 2 expression in ovarian cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1296-1305.	6.4	31
77	ImmunopET Imaging of CTLA-4 Expression in Mouse Models of Non-small Cell Lung Cancer. <i>Molecular Pharmaceutics</i> , 2017, 14, 1782-1789.	4.6	84
78	ImmunopET Imaging of CD146 in Murine Models of Intrapulmonary Metastasis of Non-Small Cell Lung Cancer. <i>Molecular Pharmaceutics</i> , 2017, 14, 3239-3247.	4.6	15
79	Renal-Clearable Ultrasmall Coordination Polymer Nanodots for Chelator-Free ⁶⁴ Cu-Labeling and Imaging-Guided Enhanced Radiotherapy of Cancer. <i>ACS Nano</i> , 2017, 11, 9103-9111.	14.6	73
80	Ultra-small iron-gallic acid coordination polymer nanoparticles for chelator-free labeling of ⁶⁴ Cu and multimodal imaging-guided photothermal therapy. <i>Nanoscale</i> , 2017, 9, 12609-12617.	5.6	90
81	Intrabilayer ⁶⁴ Cu Labeling of Photoactivatable, Doxorubicin-Loaded Stealth Liposomes. <i>ACS Nano</i> , 2017, 11, 12482-12491.	14.6	62
82	Chelator-Free Labeling of Metal Oxide Nanostructures with Zirconium-89 for Positron Emission Tomography Imaging. <i>ACS Nano</i> , 2017, 11, 12193-12201.	14.6	34
83	Renal-Clearable PEGylated Porphyrin Nanoparticles for Image-Guided Photodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2017, 27, 1702928.	14.9	113
84	Dual-Modality Positron Emission Tomography/Optical Image-Guided Photodynamic Cancer Therapy with Chlorin e6-Containing Nanomicelles. <i>ACS Nano</i> , 2016, 10, 7721-7730.	14.6	88
85	DNA nanomaterials for preclinical imaging and drug delivery. <i>Journal of Controlled Release</i> , 2016, 239, 27-38.	9.9	57
86	ImmunopET for assessing the differential uptake of a CD146-specific monoclonal antibody in lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 2169-2179.	6.4	23
87	Radiolabeling of DNA Bipyramid and Preliminary Biological Evaluation in Mice. <i>Bioconjugate Chemistry</i> , 2016, 27, 905-910.	3.6	18
88	Multiple-Armed Tetrahedral DNA Nanostructures for Tumor-Targeting, Dual-Modality in Vivo Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4378-4384.	8.0	142
89	Constructing Higher-Order DNA Nanoarchitectures with Highly Purified DNA Nanocages. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13174-13179.	8.0	37
90	é~ç »âëæçè%²è°±âœ”DNAç³ç±³ç»“æž,,ç°âCE-äçš,,â°”ç””. <i>Scientia Sinica Chimica</i> , 2015, 45, 1220-1225.	0.4	0

#	ARTICLE	IF	CITATIONS
91	Synthesis and evaluation of 18F-labeled bile acid compound: A potential PET imaging agent for FXR-related diseases. Nuclear Medicine and Biology, 2014, 41, 495-500.	0.6	28
92	Fluorine-18 labeling by click chemistry: Multiple probes in one pot. Applied Radiation and Isotopes, 2013, 75, 64-70.	1.5	13
93	Radiolabeling of RGD peptide and preliminary biological evaluation in mice bearing U87MG tumors. Bioorganic and Medicinal Chemistry, 2012, 20, 3850-3855.	3.0	10
94	Framework Nucleic Acids in Nuclear Medicine Imaging: shedding light on nano-bio interactions. Angewandte Chemie, 0, , .	2.0	2