

# Yongxue Zhang

## List of Publications by Year in descending order

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43  
papers

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citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Ultra-sensitive Nanoprobe Modified with Tumor Cell Membrane for UCL/MRI/PET Multimodality Precise Imaging of Triple-Negative Breast Cancer. <i>Nano-Micro Letters</i> , 2020, 12, 62.	14.4	50
2	Inhibition of BRD4 suppresses tumor growth and enhances iodine uptake in thyroid cancer. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 679-685.	1.0	48
3	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
4	Evaluation of an Integrin $\alpha_3\beta_3$ and Aminopeptidase N Dual-Receptor Targeting Tracer for Breast Cancer Imaging. <i>Molecular Pharmaceutics</i> , 2020, 17, 349-358.	2.3	39
5	Prognostic Predictive Value of Total Lesion Glycolysis From 18F-FDG PET/CT in Post-Surgical Patients With Epithelial Ovarian Cancer. <i>Clinical Nuclear Medicine</i> , 2013, 38, 715-720.	0.7	38
6	Biomimetic oxygen delivery nanoparticles for enhancing photodynamic therapy in triple-negative breast cancer. <i>Journal of Nanobiotechnology</i> , 2021, 19, 81.	4.2	36
7	Imaging malignant melanoma with 18F-5-FPN. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 113-122.	3.3	25
8	Synthesis and Bioevaluation of Iodine-131 Directly Labeled Cyclic RGD-PEGylated Gold Nanorods for Tumor-Targeted Imaging. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-10.	0.4	24
9	SPECT and fluorescence imaging of vulnerable atherosclerotic plaque with a vascular cell adhesion molecule 1 single-chain antibody fragment. <i>Atherosclerosis</i> , 2016, 254, 263-270.	0.4	21
10	<sup>99m</sup> Tc-labeled estradiol as an estrogen receptor probe: Preparation and preclinical evaluation. <i>Nuclear Medicine and Biology</i> , 2016, 43, 89-96.	0.3	20
11	A thiopyrylium salt for PET/NIR-IR tumor imaging and image-guided surgery. <i>Molecular Oncology</i> , 2020, 14, 1089-1100.	2.1	20
12	Radionuclide-Based Imaging of Breast Cancer: State of the Art. <i>Cancers</i> , 2021, 13, 5459.	1.7	18
13	Detection of melanoma metastases with PET-CT: Comparison of 18 F-5-FPN with 18 F-FDG. <i>Nuclear Medicine and Biology</i> , 2017, 50, 33-38.	0.3	17
14	PET Imaging of VCAM-1 Expression and Monitoring Therapy Response in Tumor with a <sup>68</sup> Ga-Labeled Single Chain Variable Fragment. <i>Molecular Pharmaceutics</i> , 2018, 15, 609-618.	2.3	16
15	Is SUVmax Helpful in the Differential Diagnosis of Enlarged Mediastinal Lymph Nodes? A Pilot Study. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-9.	0.4	16
16	Synthesis and Preclinical Evaluation of <sup>18</sup> F-F-PEG <sub>3</sub> -FPN for the Detection of Metastatic Pigmented Melanoma. <i>Molecular Pharmaceutics</i> , 2017, 14, 3896-3905.	2.3	15
17	TYR as a multifunctional reporter gene regulated by the Tet-on system for multimodality imaging: an in vitro study. <i>Scientific Reports</i> , 2015, 5, 15502.	1.6	13
18	Targeted radiotherapy of pigmented melanoma with <sup>131</sup> I-5-IPN. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 306.	3.5	12

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19	An In Vitro and In Vivo Evaluation of a Reporter Gene/Probe System hERL/18F-FES. <i>PLoS ONE</i> , 2013, 8, e61911.	1.1	12
20	A novel multivalent <sup>99m</sup> Tc-labeled EG2-C4bp± antibody for targeting the epidermal growth factor receptor in tumor xenografts. <i>Nuclear Medicine and Biology</i> , 2015, 42, 547-554.	0.3	11
21	Synthesis and Preclinical Evaluation of a <sup>68</sup> Ga-Radiolabeled Peptide Targeting Very Late Antigen-3 for PET Imaging of Pancreatic Cancer. <i>Molecular Pharmaceutics</i> , 2020, 17, 3000-3008.	2.3	11
22	The Value of 18F-FDG PET/CT in Diagnosing Pancreatic Lesions: Comparison With CA19-9, Enhanced CT or Enhanced MR. <i>Frontiers in Medicine</i> , 2021, 8, 668697.	1.2	10
23	Preclinical Evaluation of a Fluorine-18 ( <sup>18</sup> F)-Labeled Phosphatidylinositol 3-Kinase Inhibitor for Breast Cancer Imaging. <i>Molecular Pharmaceutics</i> , 2019, 16, 4563-4571.	2.3	9
24	<sup>99m</sup> Tc-labeled tetramer and pentamer of single domain antibody for targeting epidermal growth factor receptor in xenografted tumors. <i>Journal of Labelled Compounds and Radiopharmaceutics</i> , 2016, 59, 305-312.	0.5	8
25	<sup>11</sup> C-Labeled Pictilisib (GDC-0941) as a Molecular Tracer Targeting Phosphatidylinositol 3-Kinase (PI3K) for Breast Cancer Imaging. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-11.	0.4	8
26	Application and Evaluation of [ <sup>99m</sup> Tc]-Labeled Peptide Nucleic Acid Targeting <i>MicroRNA-155</i> in Breast Cancer Imaging. <i>Molecular Imaging</i> , 2020, 19, 153601212091612.	0.7	8
27	Regional SUV quantification in hybrid PET/MR, a comparison of two atlas-based automatic brain segmentation methods. <i>EJNMMI Research</i> , 2020, 10, 60.	1.1	8
28	Engineering a NO-Regulated Nanofluidic Sensor through the Cyclization Reaction Strategy. <i>Chemistry - A European Journal</i> , 2020, 26, 11099-11103.	1.7	7
29	Using tyrosinase as a tri-modality reporter gene to monitor transplanted stem cells in acute myocardial infarction. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-10.	3.2	6
30	Value of <sup>18</sup> F-FDG PET/CT Combined With Tumor Markers in the Evaluation of Ascites. <i>American Journal of Roentgenology</i> , 2018, 210, 1155-1163.	1.0	5
31	Comparison of Al <sup>18</sup> F- and <sup>68</sup> Ga-labeled NOTA-PEG4-LLP2A for PET imaging of very late antigen-4 in melanoma. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 99-108.	1.1	5
32	Florescence Imaging Lung Cancer with a Small Molecule MHI-148. <i>Journal of Fluorescence</i> , 2020, 30, 1523-1530.	1.3	5
33	Evaluating two respiratory correction methods for abdominal PET/MRI imaging. <i>EJNMMI Physics</i> , 2022, 9, 5.	1.3	5
34	A Novel Radioimmune <sup>99m</sup> Tc-Labeled Tracer for Imaging Sphingosine 1-Phosphate Receptor 1 in Tumor Xenografts: An In Vitro and In Vivo Study. <i>Frontiers in Immunology</i> , 2021, 12, 660842.	2.2	4
35	Evaluation of <sup>99m</sup> Tc-HYNIC-VCAM-1scFv as a Potential Qualitative and Semiquantitative Probe Targeting Various Tumors. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-8.	0.4	3
36	A novel technique for the preparation of <sup>125</sup> I-5-trimethylstannyl-1-(2-deoxy-2-fluoro-beta-D-arabino-furanosyl) uril and its biodistribution pattern in Kunming mice. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2011, 31, 693-695.	1.0	2

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37	Single-Chain Variable Fragment Antibody of Vascular Cell Adhesion Molecule 1 as a Molecular Imaging Probe for Colitis Model Rabbit Investigation. Contrast Media and Molecular Imaging, 2019, 2019, 1-8.	0.4	2
38	Prognostic Value of Volume-Based Positron Emission Tomography/Computed Tomography in Nasopharyngeal Carcinoma Patients after Comprehensive Therapy. Contrast Media and Molecular Imaging, 2018, 2018, 1-8.	0.4	1
39	Clinical Investigation of <sup>99m</sup> Tc-MIBI Imaging in Head and Neck Tumors. Chinese-German Journal of Clinical Oncology, 2006, 5, 13-17.	0.1	0
40	Characterization of LSO/PMT scintillation pulses. , 2008, , .		0
41	An investigation of shaper circuit optimization for digitally pulse processing in PET. , 2008, , .		0
42	An investigation of attenuation correction with attenuation map library in PET imaging. , 2009, , .		0
43	Elevated <sup>131</sup> I-MIBG activity in adrenocortical adenoma—what other imaging options do we have?. Quantitative Imaging in Medicine and Surgery, 2022, 12, 2591-2595.	1.1	0