

# Jiyun Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1062894/publications.pdf>

Version: 2024-02-01

44  
papers

1,769  
citations

236925

25  
h-index

276875

41  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2028  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving Tumor-Targeting Capability and Pharmacokinetics of <sup>99m</sup> Tc-Labeled Cyclic RGD Dimers with PEG <sub>4</sub> Linkers. <i>Molecular Pharmaceutics</i> , 2009, 6, 231-245.	4.6	136
2	A next-generation tumor-targeting IL-2 preferentially promotes tumor-infiltrating CD8+ T-cell response and effective tumor control. <i>Nature Communications</i> , 2019, 10, 3874.	12.8	132
3	Improving Tumor Uptake and Pharmacokinetics of <sup>64</sup> Cu-Labeled Cyclic RGD Peptide Dimers with Gly <sub>3</sub> and PEG <sub>4</sub> Linkers. <i>Bioconjugate Chemistry</i> , 2009, 20, 750-759.	3.6	123
4	Improving Tumor Uptake and Excretion Kinetics of <sup>99m</sup> Tc-Labeled Cyclic Arginine-Glycine-Aspartic (RGD) Dimers with Triglycine Linkers. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 7980-7990.	6.4	115
5	<sup>99m</sup> Tc-3PRGD2 for Integrin Receptor Imaging of Lung Cancer: A Multicenter Study. <i>Journal of Nuclear Medicine</i> , 2012, 53, 716-722.	5.0	112
6	Blood Clearance Kinetics, Biodistribution, and Radiation Dosimetry of a Kit-Formulated Integrin $\alpha_5\beta_1$ -Selective Radiotracer <sup>99m</sup> Tc-3PRGD2 in Non-Human Primates. <i>Molecular Imaging and Biology</i> , 2011, 13, 730-736.	2.6	69
7	Blood-triggered generation of platinum nanoparticle functions as an anti-cancer agent. <i>Nature Communications</i> , 2020, 11, 567.	12.8	66
8	<sup>99m</sup> Tc-Labeled Cyclic RGDfK Dimer: An Initial Evaluation for SPECT Imaging of Glioma Integrin $\alpha_5\beta_1$ Expression. <i>Bioconjugate Chemistry</i> , 2006, 17, 1069-1076.	3.6	65
9	Radiolabeled cyclic RGD peptides as radiotracers for tumor imaging. <i>Biophysics Reports</i> , 2016, 2, 1-20.	0.8	64
10	High Intensity Focused Ultrasound-Responsive and Ultrastable Cerasomal Perfluorocarbon Nanodroplets for Alleviating Tumor Multidrug Resistance and Epithelial-Mesenchymal Transition. <i>ACS Nano</i> , 2020, 14, 15904-15918.	14.6	63
11	Evaluation of <sup>111</sup> In-Labeled Cyclic RGD Peptides: Tetrameric not Tetravalent. <i>Bioconjugate Chemistry</i> , 2010, 21, 969-978.	3.6	51
12	Integrin $\alpha_5\beta_1$ -Targeted SPECT Imaging for Pancreatic Cancer Detection. <i>Journal of Nuclear Medicine</i> , 2014, 55, 989-994.	5.0	50
13	Evaluation of <sup>111</sup> In-Labeled Cyclic RGD Peptides: Effects of Peptide and Linker Multiplicity on Their Tumor Uptake, Excretion Kinetics and Metabolic Stability. <i>Theranostics</i> , 2011, 1, 322-340.	10.0	47
14	<sup>99m</sup> Tc-Labeled Bombesin( <sup>7</sup> â <sup>14</sup> )NH <sub>2</sub> with Favorable Properties for SPECT Imaging of Colon Cancer. <i>Bioconjugate Chemistry</i> , 2008, 19, 1170-1178.	3.6	44
15	<sup>99m</sup> TcO(MAG <sub>2</sub> -3G <sub>3</sub> -dimer): a new integrin $\alpha_5\beta_1$ -targeted SPECT radiotracer with high tumor uptake and favorable pharmacokinetics. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 1874-1884.	6.4	42
16	<sup>177</sup> Lu-Labeled Cerasomes Encapsulating Indocyanine Green for Cancer Theranostics. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 22095-22105.	8.0	39
17	Two <sup>90</sup> Y-Labeled Multimeric RGD Peptides RGD <sub>4</sub> and 3PRGD <sub>2</sub> for Integrin Targeted Radionuclide Therapy. <i>Molecular Pharmaceutics</i> , 2011, 8, 591-599.	4.6	36
18	2-Mercaptoacetyl glycyl glycyl (MAG <sub>2</sub> ) as a Bifunctional Chelator for <sup>99m</sup> Tc-Labeling of Cyclic RGD Dimers: Effect of Technetium Chelate on Tumor Uptake and Pharmacokinetics. <i>Bioconjugate Chemistry</i> , 2009, 20, 1559-1568.	3.6	34

#	ARTICLE	IF	CITATIONS
19	Integrin Imaging with <sup>99m</sup> Tc-3PRGD2 SPECT/CT Shows High Specificity in the Diagnosis of Lymph Node Metastasis from Non-Small Cell Lung Cancer. <i>Radiology</i> , 2016, 281, 958-966.	7.3	34
20	Host-Guest Polypyrrole Nanocomplex for Three-Stimuli-Responsive Drug Delivery and Imaging-Guided Chemo-Photothermal Synergetic Therapy of Refractory Thyroid Cancer. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900661.	7.6	34
21	Nuclear imaging-guided PD-L1 blockade therapy increases effectiveness of cancer immunotherapy. <i>Journal of Nuclear Medicine</i> , 2020, 8, e001156.		31
22	Impact of bifunctional chelators on biological properties of <sup>111</sup> In-labeled cyclic peptide RGD dimers. <i>Amino Acids</i> , 2011, 41, 1059-1070.	2.7	27
23	PET Imaging of Neovascularization with <sup>68</sup> Ga-3PRGD <sub>2</sub> for Assessing Tumor Early Response to Endostar Antiangiogenic Therapy. <i>Molecular Pharmaceutics</i> , 2014, 11, 3915-3922.	4.6	27
24	Polymer-Doxorubicin Conjugate Micelles Based on Poly(ethylene glycol) and Poly(N-(2-hydroxypropyl) methacrylamide): Effect of Negative Charge and Molecular Weight on Biodistribution and Blood Clearance. <i>Biomacromolecules</i> , 2015, 16, 2645-2655.	5.4	26
25	Small-Animal SPECT/CT of the Progression and Recovery of Rat Liver Fibrosis by Using an Integrin $\alpha_5\beta_1$ -targeting Radiotracer. <i>Radiology</i> , 2016, 279, 502-512.	7.3	26
26	Anti-tumor Effect of Integrin Targeted <sup>177</sup> Lu-3PRGD <sub>2</sub> and Combined Therapy with Endostar. <i>Theranostics</i> , 2014, 4, 256-266.	10.0	25
27	<sup>99m</sup> Tc-HisoDGR as a Potential SPECT Probe for Orthotopic Glioma Detection via Targeting of Integrin $\alpha_5\beta_1$ . <i>Bioconjugate Chemistry</i> , 2016, 27, 1259-1266.	3.6	25
28	SPECT/NIRF Dual Modality Imaging for Detection of Intraperitoneal Colon Tumor with an Avidin/Biotin Pretargeting System. <i>Scientific Reports</i> , 2016, 6, 18905.	3.3	24
29	<sup>68</sup> Ga-Labeled 3PRGD <sub>2</sub> for Dual PET and Cerenkov Luminescence Imaging of Orthotopic Human Glioblastoma. <i>Bioconjugate Chemistry</i> , 2015, 26, 1054-1060.	3.6	22
30	Potential therapeutic radiotracers: preparation, biodistribution and metabolic characteristics of <sup>177</sup> Lu-labeled cyclic RGDfK dimer. <i>Amino Acids</i> , 2010, 39, 111-120.	2.7	18
31	Synthesis of poly(ethylene glycol)-b-poly(N-(2-hydroxypropyl) methacrylamide) block copolymers with well-defined structures and their influence on in vivo circulation and biodistribution. <i>Polymer Chemistry</i> , 2014, 5, 5617-5627.	3.9	18
32	Improved in Vivo Targeting Capability and Pharmacokinetics of <sup>99m</sup> Tc-Labeled isoDGR by Dimerization and Albumin-Binding for Glioma Imaging. <i>Bioconjugate Chemistry</i> , 2019, 30, 2038-2048.	3.6	18
33	Developing PEGylated Reversed D-Peptide as a Novel HER2-Targeted SPECT Imaging Probe for Breast Cancer Detection. <i>Bioconjugate Chemistry</i> , 2020, 31, 1971-1980.	3.6	18
34	Imaging and monitoring HER2 expression in breast cancer during trastuzumab therapy with a peptide probe <sup>99m</sup> Tc-HYNIC-H10F. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2613-2623.	6.4	15
35	Small-animal SPECT/CT imaging of cancer xenografts and pulmonary fibrosis using a <sup>99m</sup> Tc-labeled integrin $\alpha_5\beta_1$ -targeting cyclic peptide with improved in vivo stability. <i>Biophysics Reports</i> , 2018, 4, 254-264.	0.8	14
36	A <sup>64</sup> Cu-porphyrin-based dual-modal molecular probe with integrin $\alpha_5\beta_1$ -targeting function for tumour imaging. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2020, 63, 212-221.	1.0	13

#	ARTICLE	IF	CITATIONS
37	A Dual pH-Responsive DOX-Encapsulated Liposome Combined with Glucose Administration Enhanced Therapeutic Efficacy of Chemotherapy for Cancer. International Journal of Nanomedicine, 2021, Volume 16, 3185-3199.	6.7	13
38	Monoclonal-Antibody-Templated Gold Nanoclusters for HER2 Receptors Targeted Fluorescence Imaging. ACS Applied Bio Materials, 2020, 3, 7061-7066.	4.6	11
39	An Integrin Alpha 6-Targeted Radiotracer with Improved Receptor Binding Affinity and Tumor Uptake. Bioconjugate Chemistry, 2020, 31, 1510-1521.	3.6	10
40	Radiolabeled novel mAb 4G1 for immunoSPECT imaging of EGFRvIII expression in preclinical glioblastoma xenografts. Oncotarget, 2017, 8, 6364-6375.	1.8	6
41	An Integrin- $\alpha_5\beta_1/\alpha_6\beta_1$ -Bitargeted Probe for the SPECT Imaging of Pancreatic Adenocarcinoma in Preclinical and Primary Clinical Studies. Bioconjugate Chemistry, 2021, 32, 1298-1305.	3.6	5
42	Palmitic Acid-Conjugated Radiopharmaceutical for Integrin $\alpha_5\beta_1$ -Targeted Radionuclide Therapy. Pharmaceutics, 2022, 14, 1327.	4.5	3
43	A novel peptide-based probe $^{99m}\text{Tc}$ -PEG6-RD-PDP2 for the molecular imaging of tumor PD-L2 expression. Chinese Chemical Letters, 2022, 33, 3497-3501.	9.0	2
44	Technetium 99m-labeled VQ peptide: a new imaging agent for the early detection of tumors or premalignancies. Molecular Imaging, 2013, 12, 318-26.	1.4	0