

Xiaohua Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

974
citations

516710

16
h-index

454955

30
g-index

45
all docs

45
docs citations

45
times ranked

1624
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Tyrosinase as a multifunctional reporter gene for Photoacoustic/MRI/PET triple modality molecular imaging. <i>Scientific Reports</i> , 2013, 3, 1490. | 3.3 | 110 |
| 2 | FDG PET/CT of COVID-19. <i>Radiology</i> , 2020, 296, E118-E118. | 7.3 | 101 |
| 3 | Immuno-PET Imaging of ⁸⁹ Zr Labeled Anti-PD-L1 Domain Antibody. <i>Molecular Pharmaceutics</i> , 2018, 15, 1674-1681. | 4.6 | 85 |
| 4 | Nanobody: a promising toolkit for molecular imaging and disease therapy. <i>EJNMMI Research</i> , 2021, 11, 6. | 2.5 | 75 |
| 5 | DPIR-Net: Direct PET Image Reconstruction Based on the Wasserstein Generative Adversarial Network. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2021, 5, 35-43. | 3.7 | 56 |
| 6 | Novel Glypican-3-Binding Peptide for in Vivo Hepatocellular Carcinoma Fluorescent Imaging. <i>Bioconjugate Chemistry</i> , 2016, 27, 831-839. | 3.6 | 49 |
| 7 | ^{99m} Tc-Labeled Cystine Knot Peptide Targeting Integrin $\alpha_5\beta_1$ for Tumor SPECT Imaging. <i>Molecular Pharmaceutics</i> , 2014, 11, 1208-1217. | 4.6 | 45 |
| 8 | Combating Obesity With Thermogenic Fat: Current Challenges and Advancements. <i>Frontiers in Endocrinology</i> , 2020, 11, 185. | 3.5 | 45 |
| 9 | A functional interaction between Hippo-YAP signalling and SREBPs mediates hepatic steatosis in diabetic mice. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3616-3628. | 3.6 | 38 |
| 10 | Expert Consensus on clinical application of FDG PET/CT in infection and inflammation. <i>Annals of Nuclear Medicine</i> , 2020, 34, 369-376. | 2.2 | 30 |
| 11 | Evaluation of ^{99m} Tc-HYNIC-TMTP1 as a tumor-homing imaging agent targeting metastasis with SPECT. <i>Nuclear Medicine and Biology</i> , 2015, 42, 256-262. | 0.6 | 28 |
| 12 | PET imaging of EGFR expression using an ¹⁸ F-labeled RNA aptamer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 948-956. | 6.4 | 28 |
| 13 | Diagnostic role of ¹⁸ F-dihydroxyphenylalanine positron emission tomography in patients with congenital hyperinsulinism. <i>Nuclear Medicine Communications</i> , 2013, 34, 347-353. | 1.1 | 25 |
| 14 | Positron Emission Tomography Imaging of Prostate Cancer with Ga-68-Labeled Gastrin-Releasing Peptide Receptor Agonist BBN ¹⁴ and Antagonist RM26. <i>Bioconjugate Chemistry</i> , 2018, 29, 410-419. | 3.6 | 23 |
| 15 | MRI-Driven PET Image Optimization for Neurological Applications. <i>Frontiers in Neuroscience</i> , 2019, 13, 782. | 2.8 | 23 |
| 16 | Monitoring the Response of PD-L1 Expression to Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors in Non-small-Cell Lung Cancer Xenografts by Immuno-PET Imaging. <i>Molecular Pharmaceutics</i> , 2019, 16, 3469-3476. | 4.6 | 23 |
| 17 | A Novel Approach Using FDG-PET/CT-Based Radiomics to Assess Tumor Immune Phenotypes in Patients With Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 769272. | 2.8 | 23 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | The relationship between ^{99m} Tc-MIBI uptakes and tumor cell death/proliferation state under irradiation. <i>Cancer Letters</i> , 2002, 182, 217-222. | 7.2 | 14 |
| 20 | Comparison of ¹⁸ F-FDG, ⁶⁸ Ga-FAPI, and ⁶⁸ Ga-DOTATATE PET/CT in a Patient With Pancreatic Neuroendocrine Tumor. <i>Clinical Nuclear Medicine</i> , 2021, 46, 764-765. | 1.3 | 14 |
| 21 | Metabolic Improvement via Enhancing Thermogenic Fat-Mediated Non-shivering Thermogenesis: From Rodents to Humans. <i>Frontiers in Endocrinology</i> , 2020, 11, 633. | 3.5 | 12 |
| 22 | Prostate-specific membrane antigen expression in hepatocellular carcinoma, cholangiocarcinoma, and liver cirrhosis. <i>World Journal of Gastroenterology</i> , 2020, 26, 7664-7678. | 3.3 | 12 |
| 23 | Nuclear medicine in responding to global pandemic COVID-19—American College of Nuclear Medicine member experience. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1620-1622. | 6.4 | 11 |
| 24 | Correlation Between Dual-Time-Point FDG PET and Tumor Microenvironment Immune Types in Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 559623. | 2.8 | 9 |
| 25 | Prognostic Value of ^{99m} Tc-Sestamibi Parathyroid Scintigraphy in Predicting Future Surgical Eligibility in Patients With Asymptomatic Primary Hyperparathyroidism. <i>Clinical Nuclear Medicine</i> , 2018, 43, 151-154. | 1.3 | 8 |
| 26 | SPECT imaging of interleukin-6 receptor in ovarian tumor xenografts with a novel radiotracer of ^{99m} Tc-HYNIC-Aca-LSLITRL. <i>Amino Acids</i> , 2016, 48, 91-101. | 2.7 | 7 |
| 27 | Emerging Attack and Management Strategies for Nuclear Medicine in Responding to COVID-19—ACNM Member Experience and Advice. <i>Clinical Nuclear Medicine</i> , 2020, 45, 534-535. | 1.3 | 7 |
| 28 | PET imaging of an optimized anti-PD-L1 probe ⁶⁸ Ga-NODAGA-BMS986192 in immunocompetent mice and non-human primates. <i>EJNMMI Research</i> , 2022, 12, . | 2.5 | 7 |
| 29 | The development of a Glypican-3-specific binding peptide using <i>in vivo</i> and <i>in vitro</i> two-step phage display screening for the PET imaging of hepatocellular carcinoma. <i>Biomaterials Science</i> , 2020, 8, 5656-5665. | 5.4 | 6 |
| 30 | Estrogen receptor β mediated M1/M2 macrophages polarization plays a critical role in NASH of female mice. <i>Biochemical and Biophysical Research Communications</i> , 2022, 596, 63-70. | 2.1 | 6 |
| 31 | Screening and identification of a novel hepatocellular carcinoma cell binding peptide by using a phage display library. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2008, 28, 299-303. | 1.0 | 5 |
| 32 | Prediction of the postoperative pulmonary function in lung cancer patients with borderline function using ventilation-perfusion scintigraphy. <i>Nuclear Medicine Communications</i> , 2012, 33, 283-287. | 1.1 | 5 |
| 33 | Multi-resolution multi-sensitivity design for parallel-hole SPECT collimators. <i>Physics in Medicine and Biology</i> , 2016, 61, 5390-5405. | 3.0 | 4 |
| 34 | Adult B-Cell Acute Lymphoblastic Leukemia Dominated by Osteolytic Bone Involvement on CT But Less Impressive PET on FDG PET/CT Images. <i>Clinical Nuclear Medicine</i> , 2017, 42, 467-470. | 1.3 | 4 |
| 35 | Concurrent Metastatic Pheochromocytomas and Lung Adenocarcinoma on ¹⁸ F-FDG and ⁶⁸ Ga-DOTATATE PET/CT Images. <i>Clinical Nuclear Medicine</i> , 2019, 44, 754-756. | 1.3 | 4 |
| 36 | Elevated ⁶⁸ Ga-DOTATATE Activity in IgG4-Related Lymphadenopathy. <i>Clinical Nuclear Medicine</i> , 2018, 43, 773-776. | 1.3 | 3 |

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|----|---|-----|-----------|
| 37 | Telbivudine-Induced Myopathy Incidentally Detected by FDG PET/CT Imaging in a Patient With History of Hepatocellular Carcinoma. <i>Clinical Nuclear Medicine</i> , 2019, 44, 171-172. | 1.3 | 3 |
| 38 | Clinical Evaluation of Nuclear Imaging Agents in Breast Cancer. <i>Cancers</i> , 2022, 14, 2103. | 3.7 | 3 |
| 39 | Anal Malignant Melanoma Manifesting Hepatic Metastases Shown on FDG PET/CT. <i>Clinical Nuclear Medicine</i> , 2018, 43, 386-388. | 1.3 | 2 |
| 40 | Lateralization of the crossed cerebellar diaschisis-associated metabolic connectivities in cortico-ponto-cerebellar and cortico-rubral pathways. <i>NeuroImage</i> , 2022, 260, 119487. | 4.2 | 2 |
| 41 | Bone Fragment Co-transplantation Alongside Bone Marrow Aspirate Infusion Protects Kidney Transplant Recipients. <i>Frontiers in Immunology</i> , 2021, 12, 630710. | 4.8 | 1 |
| 42 | Primary Inferior Vena Cava Leiomyosarcoma With Hepatic Metastases on FDG PET/CT. <i>Clinical Nuclear Medicine</i> , 2021, 46, 153-155. | 1.3 | 0 |
| 43 | Pitfalls of the Semi-Quantitative Analyzing ^{99m} Tc-Pyrophosphate Planar Images for Diagnosing Transthyretin Cardiac Amyloidosis: A Possible Solution. <i>Diagnostics</i> , 2022, 12, 94. | 2.6 | 0 |
| 44 | Time point-independent tumor positivity of ⁶⁸ Ga-PSMA-PET/CT pre- and post-biopsy in high-risk prostate cancer. <i>Annals of Nuclear Medicine</i> , 2022, , 1. | 2.2 | 0 |