Xiaohua Zhu

List of Publications by Year
in descending order

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	Nanostructured polyvinylpyrrolidone-curcumin conjugates allowed for kidney-targeted treatment of cisplatin induced acute kidney injury. Bioactive Materials, 2023, 19, 282-291.	15.6	17
2	Pitfalls of the Semi-Quantitative Analyzing 99mTc-Pyrophosphate Planar Images for Diagnosing Transthyretin Cardiac Amyloidosis: A Possible Solution. Diagnostics, 2022, 12, 94.	2.6	0
3	Estrogen receptor Î± mediated M1/M2 macrophages polarization plays a critical role in NASH of female mice. Biochemical and Biophysical Research Communications, 2022, 596, 63-70.	2.1	6
4	Time point-independent tumor positivity of 68Ga-PSMA-PET/CT pre- and post-biopsy in high-risk prostate cancer. Annals of Nuclear Medicine, 2022, , 1.	2.2	0
5	Clinical Evaluation of Nuclear Imaging Agents in Breast Cancer. Cancers, 2022, 14, 2103.	3.7	3
6	PET imaging of an optimized anti-PD-L1 probe 68Ga-NODAGA-BMS986192 in immunocompetent mice and non-human primates. EJNMMI Research, 2022, 12, .	2.5	7
7	Lateralization of the crossed cerebellar diaschisis-associated metabolic connectivities in cortico-ponto-cerebellar and cortico-rubral pathways. NeuroImage, 2022, 260, 119487.	4.2	2
8	DPIR-Net: Direct PET Image Reconstruction Based on the Wasserstein Generative Adversarial Network. IEEE Transactions on Radiation and Plasma Medical Sciences, 2021, 5, 35-43.	3.7	56
9	Nanobody: a promising toolkit for molecular imaging and disease therapy. EJNMMI Research, 2021, 11, 6.	2.5	75
10	Bone Fragment Co-transplantation Alongside Bone Marrow Aspirate Infusion Protects Kidney Transplant Recipients. Frontiers in Immunology, 2021, 12, 630710.	4.8	1
11	Correlation Between Dual-Time-Point FDG PET and Tumor Microenvironment Immune Types in Non-Small Cell Lung Cancer. Frontiers in Oncology, 2021, 11, 559623.	2.8	9
12	Comparison of 18F-FDG, 68Ga-FAPI, and 68Ga-DOTATATE PET/CT in a Patient With Pancreatic Neuroendocrine Tumor. Clinical Nuclear Medicine, 2021, 46, 764-765.	1.3	14
13	Primary Inferior Vena Cava Leiomyosarcoma With Hepatic Metastases on FDG PET/CT. Clinical Nuclear Medicine, 2021, 46, 153-155.	1.3	0
14	A Novel Approach Using FDG-PET/CT-Based Radiomics to Assess Tumor Immune Phenotypes in Patients With Non-Small Cell Lung Cancer. Frontiers in Oncology, 2021, 11, 769272.	2.8	23
15	Emerging Attack and Management Strategies for Nuclear Medicine in Responding to COVID-19â€"ACNM Member Experience and Advice. Clinical Nuclear Medicine, 2020, 45, 534-535.	1.3	7
16	Metabolic Improvement via Enhancing Thermogenic Fat-Mediated Non-shivering Thermogenesis: From Rodents to Humans. Frontiers in Endocrinology, 2020, 11, 633.	3.5	12
17	The development of a Glypican-3-specific binding peptide usingin vivoandin vitrotwo-step phage display screening for the PET imaging of hepatocellular carcinoma. Biomaterials Science, 2020, 8, 5656-5665.	5.4	6
18	FDG PET/CT of COVID-19. Radiology, 2020, 296, E118-E118.	7.3	101

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19	Expert Consensus on clinical application of FDG PET/CT in infection and inflammation. Annals of Nuclear Medicine, 2020, 34, 369-376.	2.2	30
20	Combating Obesity With Thermogenic Fat: Current Challenges and Advancements. Frontiers in Endocrinology, 2020, 11, 185.	3.5	45
21	Nuclear medicine in responding to global pandemic COVID-19â€"American College of Nuclear Medicine member experience. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1620-1622.	6.4	11
22	Prostate-specific membrane antigen expression in hepatocellular carcinoma, cholangiocarcinoma, and liver cirrhosis. World Journal of Gastroenterology, 2020, 26, 7664-7678.	3.3	12
23	PET imaging of EGFR expression using an 18F-labeled RNA aptamer. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 948-956.	6.4	28
24	MRI-Driven PET Image Optimization for Neurological Applications. Frontiers in Neuroscience, 2019, 13, 782.	2.8	23
25	Monitoring the Response of PD-L1 Expression to Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors in Nonsmall-Cell Lung Cancer Xenografts by Immuno-PET Imaging. Molecular Pharmaceutics, 2019, 16, 3469-3476.	4.6	23
26	A functional interaction between Hippoâ€¥YAP signalling and SREBPs mediates hepatic steatosis in diabetic mice. Journal of Cellular and Molecular Medicine, 2019, 23, 3616-3628.	3.6	38
27	Concurrent Metastatic Pheochromocytomas and Lung Adenocarcinoma on 18F-FDG and 68Ga-DOTATATE PET/CT Images. Clinical Nuclear Medicine, 2019, 44, 754-756.	1.3	4
28	Telbivudine-Induced Myopathy Incidentally Detected by FDG PET/CT Imaging in a Patient With History of Hepatocellular Carcinoma. Clinical Nuclear Medicine, 2019, 44, 171-172.	1.3	3
29	Immuno-PET Imaging of ⁸⁹Zr Labeled Anti-PD-L1 Domain Antibody. Molecular Pharmaceutics, 2018, 15, 1674-1681.	4.6	85
30	Prognostic Value of 99mTc-Sestamibi Parathyroid Scintigraphy in Predicting Future Surgical Eligibility in Patients With Asymptomatic Primary Hyperparathyroidism. Clinical Nuclear Medicine, 2018, 43, 151-154.	1.3	8
31	Positron Emission Tomography Imaging of Prostate Cancer with Ga-68-Labeled Gastrin-Releasing Peptide Receptor Agonist BBN_{7â€"14} and Antagonist RM26. Bioconjugate Chemistry, 2018, 29, 410-419.	3.6	23
32	Anal Malignant Melanoma Manifesting Hepatic Metastases Shown on FDG PET/CT. Clinical Nuclear Medicine, 2018, 43, 386-388.	1.3	2
33	Elevated 68Ga-DOTATATE Activity in IgG4-Related Lymphadenopathy. Clinical Nuclear Medicine, 2018, 43, 773-776.	1.3	3
34	Adult B-Cell Acute Lymphoblastic Leukemia Dominated by Osteolytic Bone Involvement on CT But Less Impressive PET on FDG PET/CT Images. Clinical Nuclear Medicine, 2017, 42, 467-470.	1.3	4
35	Multi-resolution multi-sensitivity design for parallel-hole SPECT collimators. Physics in Medicine and Biology, 2016, 61, 5390-5405.	3.0	4
36	Novel Glypican-3-Binding Peptide for in Vivo Hepatocellular Carcinoma Fluorescent Imaging. Bioconjugate Chemistry, 2016, 27, 831-839.	3.6	49

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37	SPECT imaging of interleukin-6 receptor in ovarian tumor xenografts with a novel radiotracer of 99mTc-HYNIC-Aca-LSLITRL. Amino Acids, 2016, 48, 91-101.	2.7	7
38	Evaluation of 99mTc-HYNIC-TMTP1 as a tumor-homing imaging agent targeting metastasis with SPECT. Nuclear Medicine and Biology, 2015, 42, 256-262.	0.6	28
39	^{99m}Tc-Labeled Cystine Knot Peptide Targeting Integrin Î±_vÎ²₆ for Tumor SPECT Imaging. Molecular Pharmaceutics, 2014, 11, 1208-1217.	4.6	45
40	Tyrosinase as a multifunctional reporter gene for Photoacoustic/MRI/PET triple modality molecular imaging. Scientific Reports, 2013, 3, 1490.	3.3	110
41	Diagnostic role of 18F-dihydroxyphenylalanine positron emission tomography in patients with congenital hyperinsulinism. Nuclear Medicine Communications, 2013, 34, 347-353.	1.1	25
42	Prediction of the postoperative pulmonary function in lung cancer patients with borderline function using ventilationâ€“perfusion scintigraphy. Nuclear Medicine Communications, 2012, 33, 283-287.	1.1	5
43	Screening and identification of a novel hepatocellular carcinoma cell binding peptide by using a phage display library. Journal of Huazhong University of Science and Technology [Medical Sciences], 2008, 28, 299-303.	1.0	5
44	The relationship between 99mTc-MIBI uptakes and tumor cell death/proliferation state under irradiation. Cancer Letters, 2002, 182, 217-222.	7.2	14