Baixuan Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5350096/publications.pdf

Version: 2024-02-01

		1040056	839539
37	396	9	18
papers	citations	h-index	g-index

40	40	40	531
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PET image denoising using unsupervised deep learning. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2780-2789.	6.4	157
2	Can multimodality imaging using 18F-FDG/18F-FLT PET/CT benefit the diagnosis and management of patients with pulmonary lesions?. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 285-292.	6.4	20
3	Simplified protocol for wholeâ€body Patlak parametric imaging with ¹⁸Fâ€FDG PET/CT: Feasibility and error analysis. Medical Physics, 2021, 48, 2160-2169.	3.0	19
4	A Pilot Study ofÂ18F-DCFPyL PET/CT or PET/MRI and Ultrasound Fusion Targeted Prostate Biopsy for Intra-Prostatic PET-Positive Lesions. Frontiers in Oncology, 2021, 11, 612157.	2.8	16
5	Can the BMI-based dose regimen be used to reduce injection activity and to obtain a constant image quality in oncological patients by 18F-FDG total-body PET/CT imaging?. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 49, 269-278.	6.4	16
6	Global scientific productivity in the field of PET. Nuclear Medicine Communications, 2018, 39, 277-282.	1.1	14
7	Histogram analysis of 11C-methionine integrated PET/MRI may facilitate to determine the O6-methylguanylmethyltransferase methylation status in gliomas. Nuclear Medicine Communications, 2019, 40, 850-856.	1.1	13
8	Combination of dynamic 11C-PIB PET and structural MRI improves diagnosis of Alzheimerâ€™s disease. Psychiatry Research - Neuroimaging, 2015, 233, 131-140.	1.8	12
9	Deep learning-based image reconstruction for TOF PET with DIRECT data partitioning format. Physics in Medicine and Biology, 2021, 66, 165007.	3.0	12
10	Glomerular filtration rate measured by ^{99m}Tcâ€DTPA renal dynamic imaging is significantly lower than that estimated by the CKDâ€EPI equation in horseshoe kidney patients. Nephrology, 2016, 21, 499-505.	1.6	10
11	Trp2 Peptide-Assembled Nanoparticles with Intrinsically Self-Chelating 64Cu Properties for PET Imaging Tracking and Dendritic Cell-Based Immunotherapy against Melanoma. ACS Applied Bio Materials, 2021, 4, 5707-5716.	4.6	9
12	Glomerular filtration rate measured by 99mTc-DTPA Gates method is not significantly affected by the premature or delayed initiation of image acquisition. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1103-1109.	2.0	8
13	Prognostic value of interim fluorodeoxyglucose and fluorothymidine PET/CT in diffuse large B-cell lymphoma. British Journal of Radiology, 2018, 91, 20180240.	2.2	7
14	Targeted fluorescent imaging of a novel FITC-labeled PSMA ligand in prostate cancer. Amino Acids, 2022, 54, 147-155.	2.7	7
15	Correlation between Long-Term Aspirin Use and F-Fluorodeoxyglucose Uptake in Colorectal Cancer Measured by PET/CT. PLoS ONE, 2014, 9, e109459.	2.5	6
16	18F-Florbetaben Amyloid PET Imaging: A Chinese Study in Cognitive Normal Controls, Mild Cognitive Impairment, and Alzheimerâ€™s Disease Patients. Frontiers in Neuroscience, 2020, 14, 745.	2.8	6
17	Improving MR sequence of 18F-FDG PET/MR for diagnosing and staging gastric Cancer: a comparison study to 18F-FDG PET/CT. Cancer Imaging, 2020, 20, 39.	2.8	6
18	Genetic and clinical features of Chinese sporadic amyotrophic lateral sclerosis patients with TARDBP mutations. Brain and Behavior, 2021, 11, e2312.	2.2	6

#	Article	IF	Citations
19	Sporadic adult-onset neuronal intranuclear inclusion disease without high-intensity signal on DWI and T2WI: a case report. BMC Neurology, 2022, 22, 150.	1.8	6
20	Primary Prostatic Extragastrointestinal Stromal Tumor on 18F-FDG PET/CT. Clinical Nuclear Medicine, 2016, 41, 224-226.	1.3	5
21	Comparison between ¹⁸Fâ€DCFPyL PET and MRI for the detection of transition zone prostate cancer. Prostate, 2021, 81, 1329-1336.	2.3	5
22	Diagnostic Utility of Integrated11C-Pittsburgh Compound B Positron Emission Tomography/Magnetic Resonance for Cerebral Amyloid Angiopathy: A Pilot Study. Frontiers in Aging Neuroscience, 2021, 13, 721780.	3.4	5
23	Synthesis, preclinical evaluation, and first-in-human study of Al18F-PSMA-Q for prostate cancer imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2774-2785.	6.4	5
24	Correlation Between 18F-FDG PET/CT Findings and BI-RADS Assessment Using Ultrasound in the Evaluation of Breast Lesions: A Multicenter Study. Academic Radiology, 2020, 27, 682-688.	2.5	3
25	Hepatic Schwannoma on 18F-FDG PET/CT. Clinical Nuclear Medicine, 2020, 45, 808-810.	1.3	3
26	Multiparameter Analysis Using 18F-FDG PET/CT in the Differential Diagnosis of Pancreatic Cystic Neoplasms. Contrast Media and Molecular Imaging, 2021, 2021, 1-8.	0.8	3
27	Diagnostic Value of 11C-PIB PET/MR in Cardiac Amyloidosis. Frontiers in Cardiovascular Medicine, 2022, 9, 830572.	2.4	3
28	Etiologic classification of infantile spasms using positron emission/magnetic resonance imaging and the efficacy of adrenocorticotropic hormone therapy. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1585-1595.	6.4	2
29	[18F]-FDG PET/CT in a case of metastatic extrahepatic bile duct cancer from sigmoid carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1675-1677.	6.4	2
30	Analysis of the F-18 FDG PET/CT features of pulmonary sclerosing pneumocytoma. Nuclear Medicine Communications, 2021, 42, 665-671.	1.1	2
31	Prospective intraindividual comparison of 18F-PSMA-7Q and 18F-DCFPyL PET/CT in patients with newly diagnosed prostate cancer. Nuclear Medicine Communications, 2022, 43, 725-730.	1.1	2
32	Primary Hepatic Malignant Fibrous Histiocytoma on PET/CT. Clinical Nuclear Medicine, 2018, 43, e189-e191.	1.3	1
33	Primary Peripheral Primitive Neuroectodermal Tumor of the Prostate on 18F-DCFPyL PET/CT. Clinical Nuclear Medicine, 2020, 45, e249-e251.	1.3	1
34	Role of 18F-FDG PET/CT in the differential diagnosis of primary benign and malignant unilateral adrenal tumors. Quantitative Imaging in Medicine and Surgery, 2021, 11, 2013-2018.	2.0	1
35	Quantitative analysis of 68Ga-DOTA(0)-Tyr(3)-octreotate positron emission tomography/computed tomography imaging for the differential diagnosis of primary pheochromocytoma and paraganglioma. Quantitative Imaging in Medicine and Surgery, 2022, 12, 2427-2440.	2.0	1
36	A Preliminary Study of PSMA Fluorescent Probe for Targeted Fluorescence Imaging of Prostate Cancer. Molecules, 2022, 27, 2736.	3.8	1

#	Article	IF	Citations
37	The value of pretreatment ¹⁸F-FDG PET/CT to predict the pathological treatment response of hepatocellular carcinoma patients treated with PD-1 inhibitors and lenvatinib as a conversion therapy in BCLC stage C.. Journal of Clinical Oncology, 2022, 40, e16130-e16130.	1.6	0