

Musib Siddique

List of Publications by Year in descending order

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29
papers

1,569
citations

394421

19
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

2259
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying tumour heterogeneity in 18F-FDG PET/CT imaging by texture analysis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 133-140.	6.4	395
2	Predicting Response to Neoadjuvant Chemotherapy with PET Imaging Using Convolutional Neural Networks. <i>PLoS ONE</i> , 2015, 10, e0137036.	2.5	139
3	Challenges and Promises of PET Radiomics. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1083-1089.	0.8	121
4	Radiomics in PET: principles and applications. <i>Clinical and Translational Imaging</i> , 2014, 2, 269-276.	2.1	103
5	Differential effects of teriparatide on regional bone formation using 18F-fluoride positron emission tomography. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1002-1011.	2.8	68
6	The precision of textural analysis in 18F-FDG-PET scans of oesophageal cancer. <i>European Radiology</i> , 2015, 25, 2805-2812.	4.5	66
7	Primary Rectal Cancer: Repeatability of Global and Local-Regional MR Imaging Texture Features. <i>Radiology</i> , 2017, 284, 552-561.	7.3	66
8	Teriparatide Promotes Bone Healing in Medication-Related Osteonecrosis of the Jaw: A Placebo-Controlled, Randomized Trial. <i>Journal of Clinical Oncology</i> , 2020, 38, 2971-2980.	1.6	61
9	Radiomics in esophageal and gastric cancer. <i>Abdominal Radiology</i> , 2019, 44, 2048-2058.	2.1	59
10	Artificial intelligence in medical imaging: A radiomic guide to precision phenotyping of cardiovascular disease. <i>Cardiovascular Research</i> , 2020, 116, 2040-2054.	3.8	59
11	18F-fluoride PET as a noninvasive imaging biomarker for determining treatment efficacy of bone active agents at the hip: A prospective, randomized, controlled clinical study. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1337-1347.	2.8	48
12	Estimation of regional bone metabolism from whole-body 18F-fluoride PET static images. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 337-343.	6.4	40
13	The Precision and Sensitivity of ¹⁸ F-Fluoride PET for Measuring Regional Bone Metabolism: A Comparison of Quantification Methods. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1748-1755.	5.0	39
14	Imaging of Site Specific Bone Turnover in Osteoporosis Using Positron Emission Tomography. <i>Current Osteoporosis Reports</i> , 2014, 12, 475-485.	3.6	31
15	Radionuclide studies of bone metabolism: Do bone uptake and bone plasma clearance provide equivalent measurements of bone turnover?. <i>Bone</i> , 2011, 49, 537-542.	2.9	29
16	A semipopulation input function for quantifying static and dynamic 18F-fluoride PET scans. <i>Nuclear Medicine Communications</i> , 2012, 33, 881-888.	1.1	29
17	18F-fluoride Positron Emission Tomography Measurements of Regional Bone Formation in Hemodialysis Patients with Suspected Adynamic Bone Disease. <i>Calcified Tissue International</i> , 2013, 93, 436-447.	3.1	28
18	Site specific measurements of bone formation using [18F] sodium fluoride PET/CT. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 47-59.	2.0	25

#	ARTICLE	IF	CITATIONS
19	Is Response Assessment of Breast Cancer Bone Metastases Better with Measurement of ¹⁸ F-Fluoride Metabolic Flux Than with Measurement of ¹⁸ F-Fluoride PET/CT SUV?. <i>Journal of Nuclear Medicine</i> , 2019, 60, 322-327.	5.0	23
20	Quantitative PET Imaging Using ¹⁸ F Sodium Fluoride in the Assessment of Metabolic Bone Diseases and the Monitoring of Their Response to Therapy. <i>PET Clinics</i> , 2012, 7, 275-291.	3.0	22
21	Validation of image-derived arterial input functions at the femoral artery using ¹⁸ F-fluoride positron emission tomography. <i>Nuclear Medicine Communications</i> , 2011, 32, 808-817.	1.1	18
22	Validation of new image-derived arterial input functions at the aorta using ¹⁸ F-fluoride positron emission tomography. <i>Nuclear Medicine Communications</i> , 2011, 32, 486-495.	1.1	18
23	Comparison of six quantitative methods for the measurement of bone turnover at the hip and lumbar spine using ¹⁸ F-fluoride PET-CT. <i>Nuclear Medicine Communications</i> , 2012, 33, 597-606.	1.1	18
24	The effect of post-injection ¹⁸ F-FDG PET scanning time on texture analysis of peripheral nerve sheath tumours in neurofibromatosis-1. <i>EJNMMI Research</i> , 2017, 7, 35.	2.5	16
25	Correcting ¹⁸ F-fluoride PET static scan measurements of skeletal plasma clearance for tracer efflux from bone. <i>Nuclear Medicine Communications</i> , 2014, 35, 303-310.	1.1	14
26	The influence of CT and dual-energy X-ray absorptiometry (DXA) bone density on quantitative [¹⁸ F] sodium fluoride PET. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 201-209.	2.0	11
27	Does Measurement of First-Order and Heterogeneity Parameters Improve Response Assessment of Bone Metastases in Breast Cancer Compared to SUVmax in [¹⁸ F]fluoride and [¹⁸ F]FDG PET?. <i>Molecular Imaging and Biology</i> , 2019, 21, 781-789.	2.6	11
28	The Assessment of Regional Skeletal Metabolism: Studies of Osteoporosis Treatments Using Quantitative Radionuclide Imaging. <i>Journal of Clinical Densitometry</i> , 2011, 14, 263-271.	1.2	10
29	Magnetic Resonance Imaging (MRI) of Intratumoral Voxel Heterogeneity as a Potential Response Biomarker: Assessment in a HER2+ Esophageal Adenocarcinoma Xenograft Following Trastuzumab and/or Cisplatin Therapy. <i>Translational Oncology</i> , 2017, 10, 459-467.	3.7	2