Mohamed Houseni

List of Publications by Citations

45 papers	1,514 citations	23 h-index	38 g-index
45 ext. papers	1,685 ext. citations	8 avg, IF	3.91 L-index

#	Paper	IF	Citations
45	Potential role of FDG PET in the setting of diabetic neuro-osteoarthropathy: can it differentiate uncomplicated Charcot's neuroarthropathy from osteomyelitis and soft-tissue infection?. *Nuclear Medicine Communications*, **2007**, 28, 465-72	1.6	117
44	Dual time point 18F-FDG PET imaging detects breast cancer with high sensitivity and correlates well with histologic subtypes. *Journal of Nuclear Medicine*, **2006**, 47, 1440-6	8.9	112
43	FDG-PET is an effective imaging modality to detect and quantify age-related atherosclerosis in large arteries. *European Journal of Nuclear Medicine and Molecular Imaging*, **2008**, 35, 562-9	8.8	105
42	Structural and functional imaging of normal bone marrow and evaluation of its age-related changes. *Seminars in Nuclear Medicine*, **2007**, 37, 185-94	5.4	101
41	Functional imaging of cancer with emphasis on molecular techniques. *Ca-A Cancer Journal for Clinicians*, **2007**, 57, 206-24	220.7	95
40	Novel quantitative techniques for assessing regional and global function and structure based on modern imaging modalities: implications for normal variation, aging and diseased states. *Seminars in Nuclear Medicine*, **2007**, 37, 223-39	5.4	85
39	Assessment of age-related changes in abdominal organ structure and function with computed tomography and positron emission tomography. *Seminars in Nuclear Medicine*, **2007**, 37, 154-72	5.4	71
38	Quantitative assessment of the atherosclerotic burden of the aorta by combined FDG-PET and CT image analysis: a new concept. *Nuclear Medicine and Biology*, **2006**, 33, 1037-43	2.1	69
37	Liver segmentation in MRI images based on whale optimization algorithm. *Multimedia Tools and Applications*, **2017**, 76, 24931-24954	2.5	62
36	Significance of incidental fluorodeoxyglucose uptake in the parotid glands and its impact on patient management. *Nuclear Medicine Communications*, **2008**, 29, 367-73	1.6	56
35	Iodine-123 as a diagnostic imaging agent in differentiated thyroid carcinoma: a comparison with iodine-131 post-treatment scanning and serum thyroglobulin measurement. *European Journal of Nuclear Medicine and Molecular Imaging*, **2007**, 34, 1012-7	8.8	55
34	Age-related structural and metabolic changes in the pelvic reproductive end organs. *Seminars in Nuclear Medicine*, **2007**, 37, 173-84	5.4	54
33	FDG PET in detecting primary and recurrent malignant salivary gland tumors. *Clinical Nuclear Medicine*, **2007**, 32, 286-91	1.7	45
32	Potential of dual time point FDG-PET imaging in differentiating malignant from benign pleural disease. *Molecular Imaging and Biology*, **2009**, 11, 369-78	3.8	43
31	Determination of age-related changes in structure and function of skin, adipose tissue, and skeletal muscle with computed tomography, magnetic resonance imaging, and positron emission tomography. *Seminars in Nuclear Medicine*, **2007**, 37, 195-205	5.4	43
30	Prognostic implication of dual-phase PET in adenocarcinoma of the lung. *Journal of Nuclear Medicine*, **2010**, 51, 535-42	8.9	38
29	Quantitative assessment of the hepatic metabolic volume product in patients with diffuse hepatic steatosis and normal controls through use of FDG-PET and MR imaging: a novel concept. *Molecular Imaging and Biology*, **2010**, 12, 233-9	3.8	36

28	Implications of standardized uptake value measurements of the primary lesions in proven cases of breast carcinoma with different degree of disease burden at diagnosis: does 2-deoxy-2-[F-18]fluoro-D-glucose-positron emission tomography predict tumor biology?. *Molecular Imaging and Biology*, **2008**, 10, 62-6	3.8	30
27	Age-related changes in the metabolic activity and distribution of the red marrow as demonstrated by 2-deoxy-2-[F-18]fluoro-D-glucose-positron emission tomography. *Molecular Imaging and Biology*, **2007**, 9, 300-7	3.8	29
26	Facet joint arthropathy demonstrated on FDG-PET. *Clinical Nuclear Medicine*, **2006**, 31, 418-9	1.7	28
25	Assessment of age-related morphological and functional changes of selected structures of the head and neck by computed tomography, magnetic resonance imaging, and positron emission tomography. *Seminars in Nuclear Medicine*, **2007**, 37, 88-102	5.4	27
24	The effects of aging on testicular volume and glucose metabolism: an investigation with ultrasonography and FDG-PET. *Molecular Imaging and Biology*, **2011**, 13, 391-8	3.8	26
23	Structural and functional imaging correlates for age-related changes in the brain. *Seminars in Nuclear Medicine*, **2007**, 37, 69-87	5.4	24
22	Segmental peri-coronary epicardial adipose tissue volume and coronary plaque characteristics. *European Heart Journal Cardiovascular Imaging*, **2016**, 17, 1169-77	4.1	18
21	Detection of age-related changes in thoracic structure and function by computed tomography, magnetic resonance imaging, and positron emission tomography. *Seminars in Nuclear Medicine*, **2007**, 37, 103-19	5.4	17
20	Pulmonary lymphangitic carcinomatosis (PLC): spectrum of FDG-PET findings. *Clinical Nuclear Medicine*, **2006**, 31, 673-8	1.7	15
19	FDG-PET is useful in staging and follow-up of primary uterine cervical lymphoma. *Clinical Nuclear Medicine*, **2007**, 32, 748-50	1.7	13
18	Age-related structural and functional changes in the breast: multimodality correlation with digital mammography, computed tomography, magnetic resonance imaging, and positron emission tomography. *Seminars in Nuclear Medicine*, **2007**, 37, 146-53	5.4	12
17	Malignant lesions can mimic gastric uptake on FDG PET. *Clinical Nuclear Medicine*, **2006**, 31, 37-8	1.7	12
16	Non-Hodgkin's lymphoma of the bone can mimic osteomyelitis on FDG PET. *Clinical Nuclear Medicine*, **2007**, 32, 252-4	1.7	11
15	Partial volume correction and image segmentation for accurate measurement of standardized uptake value of grey matter in the brain. *Nuclear Medicine Communications*, **2015**, 36, 1249-52	1.6	9
14	Evaluating Swarm Optimization Algorithms for Segmentation of Liver Images. *Studies in Computational Intelligence*, **2018**, 41-62	0.8	7
13	Beware of mosquitoes: the first instance of a mosquito bite detected by fluorodeoxyglucose positron emission tomography. *Pediatric Dermatology*, **2007**, 24, 344-5	1.9	7
12	Tumor metabolism measured by partial volume corrected standardized uptake value varies considerably in primary and metastatic sites in patients with lung cancer. A new observation. *Hellenic Journal of Nuclear Medicine*, **2009**, 12, 218-22	0.6	7
11	Applications of PET/CT in Pediatric Patients with Fever of Unknown Origin. *PET Clinics*, **2008**, 3, 605-19	2.2	6

10	The aging of the heart and blood vessels: a consideration of anatomy and physiology in the era of computed tomography, magnetic resonance imaging, and positron emission tomographic imaging methods with special consideration of atherogenesis. *Seminars in Nuclear Medicine*, **2007**, 37, 120-43	5.4	6
9	Usefulness of non attenuation corrected 18F-FDG-PET images for optimal assessment of disease activity in patients with lymphoma. *Hellenic Journal of Nuclear Medicine*, **2009**, 12, 5-9	0.6	5
8	Fluorine-18 DOPA-PET and PET/CT Imaging in Congenital Hyperinsulinism. *PET Clinics*, **2008**, 3, 577-85	2.2	4
7	Antlion Optimization Based Segmentation for MRI Liver Images. *Advances in Intelligent Systems and Computing*, **2017**, 265-272	0.4	3
6	A Hybrid Grey Wolf Based Segmentation with Statistical Image for CT Liver Images. *Advances in Intelligent Systems and Computing*, **2017**, 846-855	0.4	3
5	Multimodality Imaging Assessment of Pulmonary Nodules. *PET Clinics*, **2011**, 6, 231-50	2.2	3
4	The added value of PET/Ce-CT/DW-MRI fusion in assessment of hepatic focal lesions: PET/Ce-CT/DW-MRI fusion in hepatic focal lesion. *Nuclear Medicine and Biology*, **2015**, 42, 637-42	2.1	2
3	False-positive reversible septal myocardial perfusion defect caused by diaphragmatic hernia. *Clinical Nuclear Medicine*, **2007**, 32, 231-3	1.7	2
2	PET and PET/CT in Pediatric Gastrointestinal Tract Oncology. *PET Clinics*, **2008**, 3, 227-38	2.2	1
1	Value of contrast CT in combination with PET/CT in mesothelioma staging: Optimal protocol for initial assessment. *Egyptian Journal of Radiology and Nuclear Medicine*, **2017**, 48, 67-74	1.4	