

# Mohamed Houseni

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Evaluating Swarm Optimization Algorithms for Segmentation of Liver Images. <i>Studies in Computational Intelligence</i> , <b>2018</b> , 41-62	0.8	7
44	Value of contrast CT in combination with PET/CT in mesothelioma staging: Optimal protocol for initial assessment. <i>Egyptian Journal of Radiology and Nuclear Medicine</i> , <b>2017</b> , 48, 67-74	1.4	
43	Liver segmentation in MRI images based on whale optimization algorithm. <i>Multimedia Tools and Applications</i> , <b>2017</b> , 76, 24931-24954	2.5	62
42	Antlion Optimization Based Segmentation for MRI Liver Images. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 265-272	0.4	3
41	A Hybrid Grey Wolf Based Segmentation with Statistical Image for CT Liver Images. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 846-855	0.4	3
40	Segmental peri-coronary epicardial adipose tissue volume and coronary plaque characteristics. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2016</b> , 17, 1169-77	4.1	18
39	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. <i>Nuclear Medicine and Biology</i> , <b>2015</b> , 42, 637-42	2.1	2
38	Partial volume correction and image segmentation for accurate measurement of standardized uptake value of grey matter in the brain. <i>Nuclear Medicine Communications</i> , <b>2015</b> , 36, 1249-52	1.6	9
37	Multimodality Imaging Assessment of Pulmonary Nodules. <i>PET Clinics</i> , <b>2011</b> , 6, 231-50	2.2	3
36	The effects of aging on testicular volume and glucose metabolism: an investigation with ultrasonography and FDG-PET. <i>Molecular Imaging and Biology</i> , <b>2011</b> , 13, 391-8	3.8	26
35	Prognostic implication of dual-phase PET in adenocarcinoma of the lung. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 535-42	8.9	38
34	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. <i>Molecular Imaging and Biology</i> , <b>2010</b> , 12, 233-9	3.8	36
33	Potential of dual time point FDG-PET imaging in differentiating malignant from benign pleural disease. <i>Molecular Imaging and Biology</i> , <b>2009</b> , 11, 369-78	3.8	43
32	Usefulness of non attenuation corrected 18F-FDG-PET images for optimal assessment of disease activity in patients with lymphoma. <i>Hellenic Journal of Nuclear Medicine</i> , <b>2009</b> , 12, 5-9	0.6	5
31	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. <i>Hellenic Journal of Nuclear Medicine</i> , <b>2009</b> , 12, 218-22	0.6	7
30	PET and PET/CT in Pediatric Gastrointestinal Tract Oncology. <i>PET Clinics</i> , <b>2008</b> , 3, 227-38	2.2	1
29	Fluorine-18 DOPA-PET and PET/CT Imaging in Congenital Hyperinsulinism. <i>PET Clinics</i> , <b>2008</b> , 3, 577-85	2.2	4

28	Applications of PET/CT in Pediatric Patients with Fever of Unknown Origin. <i>PET Clinics</i> , <b>2008</b> , 3, 605-19	2.2	6
27	Significance of incidental fluorodeoxyglucose uptake in the parotid glands and its impact on patient management. <i>Nuclear Medicine Communications</i> , <b>2008</b> , 29, 367-73	1.6	56
26	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?. <i>Molecular Imaging and Biology</i> , <b>2008</b> , 10, 62-6	3.8	30
25	FDG-PET is an effective imaging modality to detect and quantify age-related atherosclerosis in large arteries. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2008</b> , 35, 562-9	8.8	105
24	Beware of mosquitoes: the first instance of a mosquito bite detected by fluorodeoxyglucose positron emission tomography. <i>Pediatric Dermatology</i> , <b>2007</b> , 24, 344-5	1.9	7
23	Functional imaging of cancer with emphasis on molecular techniques. <i>Ca-A Cancer Journal for Clinicians</i> , <b>2007</b> , 57, 206-24	220.7	95
22	Iodine-123 as a diagnostic imaging agent in differentiated thyroid carcinoma: a comparison with iodine-131 post-treatment scanning and serum thyroglobulin measurement. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2007</b> , 34, 1012-7	8.8	55
21	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. <i>Molecular Imaging and Biology</i> , <b>2007</b> , 9, 300-7	3.8	29
20	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?. <i>Nuclear Medicine Communications</i> , <b>2007</b> , 28, 465-72	1.6	117
19	FDG-PET is useful in staging and follow-up of primary uterine cervical lymphoma. <i>Clinical Nuclear Medicine</i> , <b>2007</b> , 32, 748-50	1.7	13
18	Non-Hodgkin's lymphoma of the bone can mimic osteomyelitis on FDG PET. <i>Clinical Nuclear Medicine</i> , <b>2007</b> , 32, 252-4	1.7	11
17	FDG PET in detecting primary and recurrent malignant salivary gland tumors. <i>Clinical Nuclear Medicine</i> , <b>2007</b> , 32, 286-91	1.7	45
16	False-positive reversible septal myocardial perfusion defect caused by diaphragmatic hernia. <i>Clinical Nuclear Medicine</i> , <b>2007</b> , 32, 231-3	1.7	2
15	Structural and functional imaging correlates for age-related changes in the brain. <i>Seminars in Nuclear Medicine</i> , <b>2007</b> , 37, 69-87	5.4	24
14	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. <i>Seminars in Nuclear Medicine</i> , <b>2007</b> , 37, 88-102	5.4	27
13	Detection of age-related changes in thoracic structure and function by computed tomography, magnetic resonance imaging, and positron emission tomography. <i>Seminars in Nuclear Medicine</i> , <b>2007</b> , 37, 103-19	5.4	17
12	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. <i>Seminars in Nuclear Medicine</i> , <b>2007</b> , 37, 120-43	5.4	6
11	Structural and functional imaging of normal bone marrow and evaluation of its age-related changes. <i>Seminars in Nuclear Medicine</i> , <b>2007</b> , 37, 185-94	5.4	101

10	Age-related structural and functional changes in the breast: multimodality correlation with digital mammography, computed tomography, magnetic resonance imaging, and positron emission tomography. <i>Seminars in Nuclear Medicine</i> , <b>2007</b> , 37, 146-53	5.4	12
9	Age-related structural and metabolic changes in the pelvic reproductive end organs. <i>Seminars in Nuclear Medicine</i> , <b>2007</b> , 37, 173-84	5.4	54
8	Novel quantitative techniques for assessing regional and global function and structure based on modern imaging modalities: implications for normal variation, aging and diseased states. <i>Seminars in Nuclear Medicine</i> , <b>2007</b> , 37, 223-39	5.4	85
7	Assessment of age-related changes in abdominal organ structure and function with computed tomography and positron emission tomography. <i>Seminars in Nuclear Medicine</i> , <b>2007</b> , 37, 154-72	5.4	71
6	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. <i>Seminars in Nuclear Medicine</i> , <b>2007</b> , 37, 195-205	5.4	43
5	Quantitative assessment of the atherosclerotic burden of the aorta by combined FDG-PET and CT image analysis: a new concept. <i>Nuclear Medicine and Biology</i> , <b>2006</b> , 33, 1037-43	2.1	69
4	Pulmonary lymphangitic carcinomatosis (PLC): spectrum of FDG-PET findings. <i>Clinical Nuclear Medicine</i> , <b>2006</b> , 31, 673-8	1.7	15
3	Malignant lesions can mimic gastric uptake on FDG PET. <i>Clinical Nuclear Medicine</i> , <b>2006</b> , 31, 37-8	1.7	12
2	Facet joint arthropathy demonstrated on FDG-PET. <i>Clinical Nuclear Medicine</i> , <b>2006</b> , 31, 418-9	1.7	28
1	Dual time point 18F-FDG PET imaging detects breast cancer with high sensitivity and correlates well with histologic subtypes. <i>Journal of Nuclear Medicine</i> , <b>2006</b> , 47, 1440-6	8.9	112