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List of Publications by Year
in descending order

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71	1,252	430874	434195
papers	citations	18 h-index	31 g-index

78	78	78	1502
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	EANM procedural guidelines for radionuclide myocardial perfusion imaging with SPECT and SPECT/CT: 2015 revision. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1929-1940.	6.4	260
2	Deep learning for segmentation of 49 selected bones in CT scans: First step in automated PET/CT-based 3D quantification of skeletal metastases. European Journal of Radiology, 2019, 113, 89-95.	2.6	96
3	RECOMIAâ€”a cloud-based platform for artificial intelligence research in nuclear medicine and radiology. EJNMMI Physics, 2020, 7, 51.	2.7	45
4	Left ventricular mass by 12-lead electrocardiogram in healthy subjects: comparison to cardiac magnetic resonance imaging. Journal of Electrocardiology, 2006, 39, 67-72.	0.9	33
5	3D skeletal uptake of 18F sodium fluoride in PET/CT images is associated with overall survival in patients with prostate cancer. EJNMMI Research, 2017, 7, 15.	2.5	33
6	Reduced high-frequency QRS components in patients with ischemic heart disease compared to normal subjects. Journal of Electrocardiology, 2004, 37, 157-162.	0.9	32
7	Deep learningâ€based quantification of PET/CT prostate gland uptake: association with overall survival. Clinical Physiology and Functional Imaging, 2020, 40, 106-113.	1.2	32
8	A Preanalytic Validation Study of Automated Bone Scan Index: Effect on Accuracy and Reproducibility Due to the Procedural Variabilities in Bone Scan Image Acquisition. Journal of Nuclear Medicine, 2016, 57, 1865-1871.	5.0	31
9	Artificial intelligenceâ€based versus manual assessment of prostate cancer in the prostate gland: a method comparison study. Clinical Physiology and Functional Imaging, 2019, 39, 399-406.	1.2	30
10	Impact of acquisition time and penalizing factor in a block-sequential regularized expectation maximization reconstruction algorithm on a Si-photomultiplier-based PET-CT system for 18F-FDG. EJNMMI Research, 2019, 9, 64.	2.5	29
11	Detection of acute myocardial infarction using the 12â€lead ECG plus inverted leads versus the 16â€lead ECG (with additional posterior and rightâ€sided chest electrodes). Clinical Physiology and Functional Imaging, 2007, 27, 368-374.	1.2	28
12	Bone Scan Index as a prognostic imaging biomarker during androgen deprivation therapy. EJNMMI Research, 2014, 4, 58.	2.5	28
13	Bone Scan Index as an Imaging Biomarker in Metastatic Castration-resistant Prostate Cancer: A Multicentre Study Based on Patients Treated with Abiraterone Acetate (Zytiga) in Clinical Practice. European Urology Focus, 2016, 2, 540-546.	3.1	27
14	The use of a proposed updated EARL harmonization of 18F-FDG PET-CT in patients with lymphoma yields significant differences in Deauville score compared with current EARL recommendations. EJNMMI Research, 2019, 9, 65.	2.5	27
15	Reporting nuclear cardiology: a joint position paper by the European Association of Nuclear Medicine (EANM) and the European Association of Cardiovascular Imaging (EACVI). European Heart Journal Cardiovascular Imaging, 2015, 16, 272-279.	1.2	26
16	Denoising of Scintillation Camera Images Using a Deep Convolutional Neural Network: A Monte Carlo Simulation Approach. Journal of Nuclear Medicine, 2020, 61, 298-303.	5.0	26
17	A Prospective Observational Study to Evaluate the Effects of Long-Acting Somatostatin Analogs on ⁶⁸Ga-DOTATATE Uptake in Patients with Neuroendocrine Tumors. Journal of Nuclear Medicine, 2019, 60, 1717-1723.	5.0	25
18	Artificial intelligence-aided CT segmentation for body composition analysis: a validation study. European Radiology Experimental, 2021, 5, 11.	3.4	22

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19	Artificial intelligenceâ€based detection of lymph node metastases by PET/CT predicts prostate cancerâ€specific survival. Clinical Physiology and Functional Imaging, 2021, 41, 62-67.	1.2	20
20	Assessing Radiographic Response to 223Ra with an Automated Bone Scan Index in Metastatic Castration-Resistant Prostate Cancer Patients. Journal of Nuclear Medicine, 2020, 61, 671-675.	5.0	18
21	AI-based detection of lung lesions in [18F]FDG PET-CT from lung cancer patients. EJNMMI Physics, 2021, 8, 32.	2.7	18
22	Computer-aided diagnosis system outperforms scoring analysis in myocardial perfusion imaging. Journal of Nuclear Cardiology, 2014, 21, 416-423.	2.1	17
23	Optimization of [18F]PSMA-1007 PET-CT using regularized reconstruction in patients with prostate cancer. EJNMMI Physics, 2020, 7, 31.	2.7	17
24	How many ECG leads do we need?. Cardiology Clinics, 2006, 24, 317-330.	2.2	16
25	Automated quantification of reference levels in liver andÂmediastinal blood pool for the Deauville therapy response classification using FDG-PET/CT in Hodgkin andÂnon-Hodgkin lymphomas. Clinical Physiology and Functional Imaging, 2019, 39, 78-84.	1.2	16
26	Freely available artificial intelligence for pelvic lymph node metastases in PSMA PET-CT that performs on par with nuclear medicine physicians. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 3412-3418.	6.4	16
27	Systematic review of cost-effectiveness of myocardial perfusion scintigraphy in patients with ischaemic heart disease. European Heart Journal Cardiovascular Imaging, 2017, 18, 825-832.	1.2	15
28	Impact of penalizing factor in a block-sequential regularized expectation maximization reconstruction algorithm for 18F-fluorocholine PET-CT regarding image quality and interpretation. EJNMMI Physics, 2019, 6, 5.	2.7	15
29	Adding attenuation corrected images in myocardial perfusion imaging reduces the need for a rest study. BMC Medical Imaging, 2013, 13, 14.	2.7	14
30	Bone Scan Index and Progression-free Survival Data for Progressive Metastatic Castration-resistant Prostate Cancer Patients Who Received ODM-201 in the ARADES Multicentre Study. European Urology Focus, 2016, 2, 547-552.	3.1	13
31	Auto-segmentations by convolutional neural network in cervical and anorectal cancer with clinical structure sets as the ground truth. Clinical and Translational Radiation Oncology, 2020, 25, 37-45.	1.7	13
32	Complete metabolic response with [¹⁸F]fluorodeoxyglucoseâ€positron emission tomography/computed tomography predicts survival following induction chemotherapy and radical cystectomy in clinically lymph node positive bladder cancer. BJU International, 2022, 129, 174-181.	2.5	13
33	Prognosis of patients without perfusion defects with and without rest study in myocardial perfusion scintigraphy. EJNMMI Research, 2013, 3, 58.	2.5	12
34	Prevalence of manual Strauss LBBB criteria in patients diagnosed with the automated Glasgow LBBB criteria. Journal of Electrocardiology, 2015, 48, 558-564.	0.9	11
35	Comparison of conventional and Si-photomultiplier-based PET systems for image quality and diagnostic performance. BMC Medical Imaging, 2019, 19, 81.	2.7	10
36	Tumor Detection of ¹⁸F-PSMA-1007 in the Prostate Gland in Patients with Prostate Cancer Using Prostatectomy Specimens as Reference Method. Journal of Nuclear Medicine, 2021, 62, 1735-1740.	5.0	10

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37	Comparison between silicon photomultiplier-based and conventional PET/CT in patients with suspected lung cancerâ€"a pilot study. EJNMMI Research, 2019, 9, 35.	2.5	10
38	High-frequency electrocardiogram analysis in the ability to predict reversible perfusion defects during adenosine myocardial perfusion imaging. Journal of Electrocardiology, 2007, 40, 510-514.	0.9	9
39	When is reacquisition necessary due to high extra-cardiac uptake in myocardial perfusion scintigraphy?. EJNMMI Research, 2013, 3, 20.	2.5	9
40	Automated Bone Scan Index as an Imaging Biomarker to Predict Overall Survival in the Zometa European Study/SPCG11. European Urology Oncology, 2021, 4, 49-55.	5.4	9
41	Artificial intelligence could alert for focal skeleton/bone marrow uptake in Hodgkinâ€™s lymphoma patients staged with FDG-PET/CT. Scientific Reports, 2021, 11, 10382.	3.3	9
42	High-frequency QRS electrocardiogram. Clinical Physiology and Functional Imaging, 2007, 27, 197-204.	1.2	8
43	Post-reconstruction enhancement of [18F]FDG PET images with a convolutional neural network. EJNMMI Research, 2021, 11, 48.	2.5	8
44	Reduced high-frequency QRS components in electrocardiogram leads facing an area of the heart with intraventricular conduction delay due to bundle branch block. Journal of Electrocardiology, 2007, 40, 127-132.	0.9	7
45	Referring physicians underestimate the extent of abnormalities in final reports from myocardial perfusion imaging. EJNMMI Research, 2012, 2, 27.	2.5	6
46	Area of ischemia assessed by physicians and software packages from myocardial perfusion scintigrams. BMC Medical Imaging, 2014, 14, 5.	2.7	6
47	Evaluation of inter-departmental variability of ejection fraction and cardiac volumes in myocardial perfusion scintigraphy using simulated data. EJNMMI Physics, 2015, 2, 2.	2.7	6
48	Impact of the COVID-19 pandemic on nuclear medicine departments in Europe. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3361-3364.	6.4	6
49	Patterns of pathologic lymph nodes in anal cancer: a PET-CT-based analysis with implications for radiotherapy treatment volumes. BMC Cancer, 2021, 21, 447.	2.6	5
50	Dose-reduced [18F]PSMA-1007 PET is feasible for functional imaging of the renal cortex. EJNMMI Physics, 2021, 8, 70.	2.7	5
51	Automated artificial intelligence-based analysis of skeletal muscle volume predicts overall survival after cystectomy for urinary bladder cancer. European Radiology Experimental, 2021, 5, 50.	3.4	5
52	Freely available convolutional neural network-based quantification of PET/CT lesions is associated with survival in patients with lung cancer. EJNMMI Physics, 2022, 9, 6.	2.7	5
53	Determination of the ability of high-frequency ECG to estimate left ventricular mass in humans, determined by magnetic resonance imaging. Clinical Physiology and Functional Imaging, 2006, 26, 157-162.	1.2	4
54	Serial changes in the high-frequency ECG during the first year following acute myocardial infarction. Clinical Physiology and Functional Imaging, 2006, 26, 296-300.	1.2	4

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55	Small average differences in attenuation corrected images between men and women in myocardial perfusion scintigraphy: a novel normal stress database. BMC Medical Imaging, 2011, 11, 18.	2.7	4
56	Computerized decision making in myocardial perfusion SPECT: The new era in nuclear cardiology?. Journal of Nuclear Cardiology, 2015, 22, 885-887.	2.1	4
57	Evaluation of changes in Bone Scan Index at different acquisition timeâ€points in bone scintigraphy. Clinical Physiology and Functional Imaging, 2018, 38, 1015-1020.	1.2	4
58	Nuclear medicine technologists are able to accurately determine when a myocardial perfusion rest study is necessary. BMC Medical Informatics and Decision Making, 2012, 12, 97.	3.0	3
59	Head-to-head comparison of a Si-photomultiplier-based and a conventional photomultiplier-based PET-CT system. EJNMMI Physics, 2021, 8, 19.	2.7	3
60	A retrospective study assessing the accuracy of [18F]â€“fluorocholine PET/CT for primary staging of lymph node metastases in intermediate and high-risk prostate cancer patients undergoing robotic-assisted laparoscopic prostatectomy with extended lymph node dissection. Scandinavian Journal of Urology, 2021, 55, 293-297.	1.0	3
61	Perfusion vectorâ€”a new method to quantify myocardial perfusion scintigraphy images: a simulation study with validation in patients. EJNMMI Research, 2015, 5, 121.	2.5	2
62	A prospective study to evaluate the intra-individual reproducibility of bone scans for quantitative assessment in patients with metastatic prostate cancer. BMC Medical Imaging, 2018, 18, 8.	2.7	2
63	Artificial intelligence-based measurements of PET/CT imaging biomarkers are associated with disease-specific survival of high-risk prostate cancer patients. Scandinavian Journal of Urology, 2021, 55, 427-433.	1.0	2
64	Deep learning takes the pain out of back breaking work - Automatic vertebral segmentation and attenuation measurement for osteoporosis. Clinical Imaging, 2022, 81, 54-59.	1.5	2
65	Relationship between somatostatin receptor expressing tumour volume and healthâ€related quality of life in patients with metastatic <scp>GEPâ€NET</scp>. Journal of Neuroendocrinology, 2022, 34, e13139.	2.6	2
66	Normal stress databases in myocardial perfusion scintigraphy â€“ how many subjects do you need?. Clinical Physiology and Functional Imaging, 2012, 32, 455-462.	1.2	1
67	Assessment of Ventilation and Perfusion in Patients with COVID-19 Discloses Unique Information of Pulmonary Function to a Clinician: Case Reports of V/P SPECT. Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine, 2021, 15, 117954842110301.	0.9	1
68	Increase in bone scan index during abiraterone treatment in relation to reduced survival in mCRPC patients.. Journal of Clinical Oncology, 2014, 32, 244-244.	1.6	0
69	Bone scan index as a biomarker to predict outcome in real-life mCRPC patients on abiraterone acetate: A multicenter study.. Journal of Clinical Oncology, 2015, 33, 217-217.	1.6	0
70	Bone Scan Index as an imaging biomarker to predict overall survival in the Zeus/SPCG11 study.. Journal of Clinical Oncology, 2016, 34, e16599-e16599.	1.6	0
71	Association of PET index quantifying skeletal uptake in NaF PET/CT images with overall survival in prostate cancer patients.. Journal of Clinical Oncology, 2017, 35, 178-178.	1.6	0