

Lars Edenbrandt

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

772
citations

567281

15
h-index

526287

27
g-index

38
all docs

38
docs citations

38
times ranked

866
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning for segmentation of 49 selected bones in CT scans: First step in automated PET/CT-based 3D quantification of skeletal metastases. <i>European Journal of Radiology</i> , 2019, 113, 89-95.	2.6	96
2	Phase 3 Assessment of the Automated Bone Scan Index as a Prognostic Imaging Biomarker of Overall Survival in Men With Metastatic Castration-Resistant Prostate Cancer. <i>JAMA Oncology</i> , 2018, 4, 944.	7.1	86
3	Global disease score (GDS) is the name of the game!. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1768-1772.	6.4	49
4	Assessment of the bone scan index in a randomized placebo-controlled trial of tasquinimod in men with metastatic castration-resistant prostate cancer (mCRPC)1A.J.A. and R.K. contributed equally to this work.. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 1308-1316.	1.6	46
5	Analytic Validation of the Automated Bone Scan Index as an Imaging Biomarker to Standardize Quantitative Changes in Bone Scans of Patients with Metastatic Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2016, 57, 41-45.	5.0	45
6	RECOMIAâ€”a cloud-based platform for artificial intelligence research in nuclear medicine and radiology. <i>EJNMMI Physics</i> , 2020, 7, 51.	2.7	45
7	3D skeletal uptake of 18F sodium fluoride in PET/CT images is associated with overall survival in patients with prostate cancer. <i>EJNMMI Research</i> , 2017, 7, 15.	2.5	33
8	Deep learningâ€”based quantification of PET/CT prostate gland uptake: association with overall survival. <i>Clinical Physiology and Functional Imaging</i> , 2020, 40, 106-113.	1.2	32
9	A Preanalytic Validation Study of Automated Bone Scan Index: Effect on Accuracy and Reproducibility Due to the Procedural Variabilities in Bone Scan Image Acquisition. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1865-1871.	5.0	31
10	Artificial intelligenceâ€”based versus manual assessment of prostate cancer in the prostate gland: a method comparison study. <i>Clinical Physiology and Functional Imaging</i> , 2019, 39, 399-406.	1.2	30
11	Bone Scan Index as a prognostic imaging biomarker during androgen deprivation therapy. <i>EJNMMI Research</i> , 2014, 4, 58.	2.5	28
12	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. <i>European Urology Focus</i> , 2016, 2, 540-546.	3.1	27
13	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. <i>EJNMMI Research</i> , 2019, 9, 65.	2.5	27
14	Artificial intelligence-aided CT segmentation for body composition analysis: a validation study. <i>European Radiology Experimental</i> , 2021, 5, 11.	3.4	22
15	Artificial intelligenceâ€”based detection of lymph node metastases by PET/CT predicts prostate cancerâ€”specific survival. <i>Clinical Physiology and Functional Imaging</i> , 2021, 41, 62-67.	1.2	20
16	AI-based detection of lung lesions in [18F]FDG PET-CT from lung cancer patients. <i>EJNMMI Physics</i> , 2021, 8, 32.	2.7	18
17	Freely available artificial intelligence for pelvic lymph node metastases in PSMA PET-CT that performs on par with nuclear medicine physicians. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3412-3418.	6.4	16
18	Reducing the small-heart effect in pediatric gated myocardial perfusion single-photon emission computed tomography. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1378-1388.	2.1	14

#	ARTICLE	IF	CITATIONS
19	Assessment of Total-Body Atherosclerosis by PET/Computed Tomography. <i>PET Clinics</i> , 2021, 16, 119-128.	3.0	14
20	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. <i>European Urology Focus</i> , 2016, 2, 547-552.	3.1	13
21	Alavi's Carlsen Calcification Score (ACCS): A Simple Measure of Global Cardiac Atherosclerosis Burden. <i>Diagnostics</i> , 2021, 11, 1421.	2.6	12
22	Automated Bone Scan Index as an Imaging Biomarker to Predict Overall Survival in the Zometa European Study/SPCG11. <i>European Urology Oncology</i> , 2021, 4, 49-55.	5.4	9
23	Aortic wall segmentation in 18F-sodium fluoride PET/CT scans: Head-to-head comparison of artificial intelligence-based versus manual segmentation. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2001-2010.	2.1	8
24	Global cardiac atherosclerotic burden assessed by artificial intelligence-based versus manual segmentation in 18F-sodium fluoride PET/CT scans: Head-to-head comparison. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2531-2539.	2.1	8
25	PET/CT imaging of spinal inflammation and microcalcification in patients with low back pain: A pilot study on the quantification by artificial intelligence-based segmentation. <i>Clinical Physiology and Functional Imaging</i> , 2022, 42, 225-232.	1.2	7
26	Artificial Intelligence in Vascular-PET. <i>PET Clinics</i> , 2022, 17, 95-113.	3.0	6
27	Automated artificial intelligence-based analysis of skeletal muscle volume predicts overall survival after cystectomy for urinary bladder cancer. <i>European Radiology Experimental</i> , 2021, 5, 50.	3.4	5
28	Freely available convolutional neural network-based quantification of PET/CT lesions is associated with survival in patients with lung cancer. <i>EJNMMI Physics</i> , 2022, 9, 6.	2.7	5
29	Phase 3 prognostic analysis of the automated bone scan index (aBSI) in men with bone-metastatic castration-resistant prostate cancer (CRPC).. <i>Journal of Clinical Oncology</i> , 2017, 35, 5006-5006.	1.6	4
30	Convolutional neural network-based automatic heart segmentation and quantitation in 123I-metaiodobenzylguanidine SPECT imaging. <i>EJNMMI Research</i> , 2021, 11, 105.	2.5	4
31	Applications of Artificial Intelligence in 18F-Sodium Fluoride Positron Emission Tomography/Computed Tomography. <i>PET Clinics</i> , 2022, 17, 115-135.	3.0	4
32	Artificial intelligence-based measurements of PET/CT imaging biomarkers are associated with disease-specific survival of high-risk prostate cancer patients. <i>Scandinavian Journal of Urology</i> , 2021, 55, 427-433.	1.0	2
33	Automated classification of PET-CT lesions in lung cancer: An independent validation study. <i>Clinical Physiology and Functional Imaging</i> , 0, , .	1.2	2
34	Automated Bone Scan Index to Optimize Prostate Cancer Working Group Radiographic Progression Criteria for Men with Metastatic Castration-Resistant Prostate Cancer. <i>Clinical Genitourinary Cancer</i> , 2022, , .	1.9	1