

Lars Husmann

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,768
citations

331670

21
h-index

265206

42
g-index

53
all docs

53
docs citations

53
times ranked

1756
citing authors

#	ARTICLE	IF	CITATIONS
1	Feasibility of low-dose coronary CT angiography: first experience with prospective ECG-gating. <i>European Heart Journal</i> , 2007, 29, 191-197.	2.2	479
2	Coronary Artery Motion and Cardiac Phases: Dependency on Heart Rate—Implications for CT Image Reconstruction. <i>Radiology</i> , 2007, 245, 567-576.	7.3	169
3	Use of coronary calcium score scans from stand-alone multislice computed tomography for attenuation correction of myocardial perfusion SPECT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 11-19.	6.4	106
4	Diagnostic accuracy of computed tomography coronary angiography and evaluation of stress-only single-photon emission computed tomography/computed tomography hybrid imaging: comparison of prospective electrocardiogram-triggering vs. retrospective gating. <i>European Heart Journal</i> , 2009, 30, 600-607.	2.2	84
5	Whole-Body Nonenhanced PET/MR versus PET/CT in the Staging and Restaging of Cancers: Preliminary Observations. <i>Radiology</i> , 2014, 273, 859-869.	7.3	78
6	Influence of cardiac hemodynamic parameters on coronary artery opacification with 64-slice computed tomography. <i>European Radiology</i> , 2006, 16, 1111-1116.	4.5	65
7	TNM Staging of Non-Small Cell Lung Cancer: Comparison of PET/MR and PET/CT. <i>Journal of Nuclear Medicine</i> , 2016, 57, 21-26.	5.0	65
8	Vascular graft infections. <i>Swiss Medical Weekly</i> , 2013, 143, w13754.	1.6	61
9	Comparison of Diagnostic Accuracy of 64-Slice Computed Tomography Coronary Angiography in Patients with Low, Intermediate, and High Cardiovascular Risk. <i>Academic Radiology</i> , 2008, 15, 452-461.	2.5	52
10	Immunohistochemical PSMA expression patterns of primary prostate cancer tissue are associated with the detection rate of biochemical recurrence with ⁶⁸ Ga-PSMA-11-PET. <i>Theranostics</i> , 2020, 10, 6082-6094.	10.0	46
11	¹⁸ F-FDG PET/CT of Non-Small Cell Lung Carcinoma Under Neoadjuvant Chemotherapy: Background-Based Adaptive-Volume Metrics Outperform TLG and MTV in Predicting Histopathologic Response. <i>Journal of Nuclear Medicine</i> , 2016, 57, 849-854.	5.0	44
12	Diagnostic accuracy of myocardial perfusion imaging with single photon emission computed tomography and positron emission tomography: a comparison with coronary angiography. <i>International Journal of Cardiovascular Imaging</i> , 2008, 24, 511-518.	1.5	37
13	Determinants of diagnostic performance of ¹⁸ F-FDG PET/CT in patients with fever of unknown origin. <i>Nuclear Medicine Communications</i> , 2016, 37, 57-65.	1.1	36
14	¹⁸ F-FDG PET/CT for Therapy Control in Vascular Graft Infections: A First Feasibility Study. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1024-1029.	5.0	34
15	Accuracy of quantitative coronary angiography with computed tomography and its dependency on plaque composition. <i>International Journal of Cardiovascular Imaging</i> , 2008, 24, 895-904.	1.5	33
16	The role of FDG PET/CT in therapy control of aortic graft infection. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1987-1997.	6.4	32
17	Comparing diagnostic accuracy of ¹⁸ F-FDG-PET/CT, contrast enhanced CT and combined imaging in patients with suspected vascular graft infections. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1359-1368.	6.4	28
18	Usefulness of Additional Coronary Calcium Scoring in Low-dose CT Coronary Angiography with Prospective ECG-Triggering. <i>Academic Radiology</i> , 2010, 17, 201-206.	2.5	27

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19	Body physique and heart rate variability determine the occurrence of stair-step artefacts in 64-slice CT coronary angiography with prospective ECG-triggering. <i>European Radiology</i> , 2009, 19, 1698-1703.	4.5	26
20	Diagnostic Accuracy of PET/CT and Contrast Enhanced CT in Patients With Suspected Infected Aortic Aneurysms. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 972-981.	1.5	26
21	Low-Dose Coronary CT Angiography With Prospective ECG Triggering: Validation of a Contrast Material Protocol Adapted to Body Mass Index. <i>American Journal of Roentgenology</i> , 2009, 193, 802-806.	2.2	24
22	Prevalence of noncardiac findings on low dose 64-slice computed tomography used for attenuation correction in myocardial perfusion imaging with SPECT. <i>International Journal of Cardiovascular Imaging</i> , 2009, 25, 859-865.	1.5	23
23	Editor's Choice "Validation of the Management of Aortic Graft Infection Collaboration (MAGIC) Criteria for the Diagnosis of Vascular Graft/Endograft Infection: Results from the Prospective Vascular Graft Cohort Study. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 62, 251-257.	1.5	22
24	Main pulmonary artery diameter from attenuation correction CT scans in cardiac SPECT accurately predicts pulmonary hypertension. <i>Journal of Nuclear Cardiology</i> , 2011, 18, 634-641.	2.1	21
25	Coronary Angiography with Low-Dose Computed Tomography at 1.4 mSv. <i>Herz</i> , 2008, 33, 75-75.	1.1	12
26	Improved detection of in-transit metastases of malignant melanoma with BSREM reconstruction in digital [18F]FDG PET/CT. <i>European Radiology</i> , 2021, 31, 8011-8020.	4.5	12
27	PET/CT helps to determine treatment duration in patients with resected as well as inoperable alveolar echinococcosis. <i>Parasitology International</i> , 2021, 83, 102356.	1.3	12
28	Evaluation of a structured treatment discontinuation in patients with inoperable alveolar echinococcosis on long-term benzimidazole therapy: A retrospective cohort study. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010146.	3.0	11
29	Intra-individual comparison of PET/CT with different body weight-adapted FDG dosage regimens. <i>Acta Radiologica Open</i> , 2015, 4, 204798161456007.	0.6	9
30	PET/CT in therapy control of infective native aortic aneurysms. <i>Scientific Reports</i> , 2021, 11, 5065.	3.3	9
31	Clinical evaluation of data-driven respiratory gating for PET/CT in an oncological cohort of 149 patients: impact on image quality and patient management. <i>British Journal of Radiology</i> , 2021, 94, 20201350.	2.2	9
32	Histopathological Features of Parathyroid Adenoma and 18F-Choline Uptake in PET/MR of Primary Hyperparathyroidism. <i>Clinical Nuclear Medicine</i> , 2022, 47, 101-107.	1.3	9
33	Myocardial bridging causing infarction and ischaemia. <i>European Heart Journal</i> , 2011, 32, 790-790.	2.2	7
34	Incidental Detection of a Pulmonary Adenocarcinoma on Low-Dose Computed Tomography Used for Attenuation Correction in Myocardial Perfusion Imaging With SPECT. <i>Clinical Nuclear Medicine</i> , 2010, 35, 751-752.	1.3	6
35	Pyelocaliceal Diverticulum as a Rare Pitfall in I-131 Post-Therapy Scanning. <i>Clinical Nuclear Medicine</i> , 2010, 35, 443-444.	1.3	6
36	Impact of unknown incidental findings in PET/CT examinations of patients with proven or suspected vascular graft or endograft infections. <i>Scientific Reports</i> , 2021, 11, 13747.	3.3	6

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37	<scp>Whole-body</scp> hybrid positron emission tomography imaging yields clinically relevant information in the staging and restaging of sinonasal tumors. Head and Neck, 2021, 43, 3572-3585.	2.0	6
38	Impact of PET/CT among patients with suspected mycotic aortic aneurysms. PLoS ONE, 2021, 16, e0258702.	2.5	5
39	BSREM for Brain Metastasis Detection with 18F-FDG-PET/CT in Lung Cancer Patients. Journal of Digital Imaging, 2022, 35, 581-593.	2.9	5
40	Impact of hypertension on the diagnostic accuracy of coronary angiography with computed tomography. International Journal of Cardiovascular Imaging, 2008, 24, 763-770.	1.5	4
41	Prediction of benzimidazole therapy duration with PET/CT in inoperable patients with alveolar echinococcosis. Scientific Reports, 2022, 12, .	3.3	4
42	Coronary artery ectasia causing ischemia. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 2142-2142.	6.4	3
43	Malignancy Rate of Indeterminate Findings on FDG-PET/CT in Cutaneous Melanoma Patients. Diagnostics, 2021, 11, 883.	2.6	3
44	Characteristics and Clinical Course of Alveolar Echinococcosis in Patients with Immunosuppression-Associated Conditions: A Retrospective Cohort Study. Pathogens, 2022, 11, 441.	2.8	3
45	Cardiac Fusion Imaging With Low-Dose Computed Tomography Using Prospective Electrocardiogram Gating. Clinical Nuclear Medicine, 2008, 33, 490-491.	1.3	2
46	Metal artifact reduction in 68Ga-PSMA-11 PET/MRI for prostate cancer patients with hip joint replacement using multiacquisition variable-resonance image combination. European Journal of Hybrid Imaging, 2020, 4, 6.	1.5	2
47	Interarterial Course of the Right Coronary Artery. Clinical Nuclear Medicine, 2008, 33, 335-336.	1.3	1
48	Follow-up PET/CT of alveolar echinococcosis: Comparison of metabolic activity and immunodiagnostic testing. PLoS ONE, 2022, 17, e0270695.	2.5	1
49	Sixty-four-slice computed tomographic coronary angiography in pseudoaneurysm of the ascending aorta: A useful modality to supplement the diagnosis. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, e17-e19.	0.8	0
50	Reply to Letter to the Editor re: body physique and heart rate variability determine the occurrence of stair-step artefacts in 64-slice CT coronary angiography with prospective ECG-triggering. European Radiology, 2009, 19, 2956-2957.	4.5	0
51	Therapy Control in a Patient With an Inflammatory Abdominal Aneurysm. Clinical Nuclear Medicine, 2020, 45, e288-e289.	1.3	0