

Lars Stegger

List of Publications by Year in descending order

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66
papers

2,591
citations

218677

26
h-index

189892

50
g-index

67
all docs

67
docs citations

67
times ranked

2975
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid PET/MRI of Intracranial Masses: Initial Experiences and Comparison to PET/CT. Journal of Nuclear Medicine, 2010, 51, 1198-1205.	5.0	231
2	Differentiation of Malignant and Benign Cardiac Tumors Using ¹⁸ F-FDG PET/CT. Journal of Nuclear Medicine, 2012, 53, 856-863.	5.0	215
3	List Mode-Driven Cardiac and Respiratory Gating in PET. Journal of Nuclear Medicine, 2009, 50, 674-681.	5.0	192
4	Radioligand Therapy With ¹⁷⁷ Lu-PSMA-617 as A Novel Therapeutic Option in Patients With Metastatic Castration Resistant Prostate Cancer. Clinical Nuclear Medicine, 2016, 41, 522-528.	1.3	153
5	Respiratory Motion Correction in Oncologic PET Using T1-Weighted MR Imaging on a Simultaneous Whole-Body PET/MR System. Journal of Nuclear Medicine, 2013, 54, 464-471.	5.0	131
6	Feasibility of simultaneous PET/MR imaging in the head and upper neck area. European Radiology, 2011, 21, 1439-1446.	4.5	115
7	Targeting PSMA by radioligands in non-prostate disease- current status and future perspectives. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 860-877.	6.4	114
8	Survivin Determines Cardiac Function by Controlling Total Cardiomyocyte Number. Circulation, 2008, 117, 1583-1593.	1.6	105
9	Abnormal Myocardial Presynaptic Norepinephrine Recycling in Patients With Brugada Syndrome. Circulation, 2004, 110, 3017-3022.	1.6	104
10	Respiratory gating of cardiac PET data in list-mode acquisition. European Journal of Nuclear Medicine and Molecular Imaging, 2006, 33, 584-588.	6.4	78
11	Evaluation and comparison of ¹¹ C-choline uptake and calcification in aortic and common carotid arterial walls with combined PET/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 1622-1628.	6.4	73
12	Optimal number of respiratory gates in positron emission tomography: A cardiac patient study. Medical Physics, 2009, 36, 1775-1784.	3.0	67
13	Predictive Cardiac Motion Modeling and Correction With Partial Least Squares Regression. IEEE Transactions on Medical Imaging, 2004, 23, 1315-1324.	8.9	59
14	Subacute Stroke Mimicking Cerebral Metastasis in ⁶⁸ Ga-PSMA-HBED-CC PET/CT. Clinical Nuclear Medicine, 2016, 41, e449-e451.	1.3	53
15	Nivolumab in a patient with refractory Hodgkin's lymphoma after allogeneic stem cell transplantation. Bone Marrow Transplantation, 2016, 51, 443-445.	2.4	49
16	Quantification of Left Ventricular Volumes and Ejection Fraction in Mice Using PET, Compared with MRI. Journal of Nuclear Medicine, 2009, 50, 132-138.	5.0	48
17	Diffusion Tensor Imaging in a Human PET/MR Hybrid System. Investigative Radiology, 2010, 45, 270-274.	6.2	46
18	Combined imaging of molecular function and morphology with PET/CT and SPECT/CT: Image fusion and motion correction. Basic Research in Cardiology, 2008, 103, 191-199.	5.9	42

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19	[18F]FDG PET/CT outperforms [18F]FDG PET/MRI in differentiated thyroid cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 212-220.	6.4	39
20	Clinical Evaluation of a Data-Driven Respiratory Gating Algorithm for Whole-Body PET with Continuous Bed Motion. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1520-1527.	5.0	36
21	Accurate noninvasive measurement of infarct size in mice with high-resolution PET. <i>Journal of Nuclear Medicine</i> , 2006, 47, 1837-44.	5.0	36
22	Dynamic 18F-fluoride small animal PET to noninvasively assess renal function in rats. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 2267-2274.	6.4	34
23	Unexpected finding of elevated glucose uptake in fibrous dysplasia mimicking malignancy: contradicting metabolism and morphology in combined PET/CT. <i>European Radiology</i> , 2007, 17, 1784-1786.	4.5	32
24	Isochronous Assessment of Cardiac Metabolism and Function in Mice Using Hybrid PET/MRI. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1277-1284.	5.0	32
25	Quantification of left ventricular volumes and ejection fraction from gated 99mTc-MIBI SPECT: validation of an elastic surface model approach in comparison to cardiac magnetic resonance imaging, 4D-MSPECT and QGS. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 900-909.	6.4	31
26	Impact of 18F-FDG-PET/CT on Staging and Irradiation of Patients with Locally Advanced Rectal Cancer. <i>Strahlentherapie Und Onkologie</i> , 2009, 185, 260-265.	2.0	29
27	Effective Methods to Correct Contrast Agent-Induced Errors in PET Quantification in Cardiac PET/CT. <i>Journal of Nuclear Medicine</i> , 2007, 48, 1060-1068.	5.0	27
28	Diagnostic value of additional 68Ga-PSMA-PET before 223Ra-dichloride therapy in patients with metastatic prostate carcinoma. <i>Nuklearmedizin - Nuclear Medicine</i> , 2017, 56, 14-22.	0.7	26
29	Impaired cardiac sympathetic innervation in symptomatic patients with long QT syndrome. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 1899-1907.	6.4	23
30	Elastic surface contour detection for the measurement of ejection fraction in myocardial perfusion SPET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2001, 28, 48-55.	2.1	22
31	Assessment of infarct size by positron emission tomography and [18F]2-fluoro-2-deoxy-D-glucose: a new absolute threshold technique. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2002, 29, 203-215.	6.4	22
32	Acute Renal Failure Due to Primary Bilateral Renal Large B-Cell Lymphoma. <i>Clinical Nuclear Medicine</i> , 2009, 34, 722-724.	1.3	22
33	Left ventricular dilation and functional impairment assessed by gated SPECT are indicators of cardiac allograft vasculopathy in heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 719-728.	0.6	21
34	177Lu-DOTATATE Therapy in Radioiodine-refractory Differentiated Thyroid Cancer. <i>Clinical Nuclear Medicine</i> , 2018, 43, e346-e351.	1.3	20
35	EANM's ESR white paper on multimodality imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 677-680.	6.4	17
36	Glyph-Based SPECT Visualization for the Diagnosis of Coronary Artery Disease. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2008, 14, 1499-1506.	4.4	17

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37	Small-animal PET: A promising, non-invasive tool in pre-clinical research. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 74, 50-54.	4.3	17
38	Three-dimensional contour detection of left ventricular myocardium using elastic surfaces. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999, 26, 201-207.	6.4	16
39	Simultaneous PET/MR imaging of the brain: feasibility of cerebral blood flow measurements with FAIR-TrueFISP arterial spin labeling MRI. <i>Acta Radiologica</i> , 2012, 53, 1066-1072.	1.1	16
40	[68Ga]DOTATATE PET/MRI and [18F]FDG PET/CT are complementary and superior to diffusion-weighted MR imaging for radioactive-iodine-refractory differentiated thyroid cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1765-1772.	6.4	15
41	Evaluation of 68Ga-PSMA-11 PET-MRI in Patients with Advanced Prostate Cancer Receiving 177Lu-PSMA-617 Therapy: A Radiomics Analysis. <i>Cancers</i> , 2021, 13, 3849.	3.7	15
42	Gated Listmode Acquisition with the QuadHIDAC Animal PET to Image Mouse Hearts. <i>Zeitschrift Fur Medizinische Physik</i> , 2006, 16, 60-66.	1.5	14
43	Data-driven gating in PET: Influence of respiratory signal noise on motion resolution. <i>Medical Physics</i> , 2018, 45, 3205-3213.	3.0	14
44	Monitoring left ventricular dilation in mice with PET. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1516-21.	5.0	14
45	Concept and implementation of a computer-based reminder system to increase completeness in clinical documentation. <i>International Journal of Medical Informatics</i> , 2011, 80, 351-358.	3.3	13
46	Additional Local Therapy for Liver Metastases in Patients with Metastatic Castration-Resistant Prostate Cancer Receiving Systemic PSMA-Targeted Therapy. <i>Journal of Nuclear Medicine</i> , 2020, 61, 723-728.	5.0	13
47	Impact of MR-safe headphones on PET attenuation in combined PET/MRI scans. <i>EJNMMI Research</i> , 2016, 6, 20.	2.5	10
48	Molecular cardiovascular imaging using scintigraphic methods. <i>European Radiology</i> , 2007, 17, 1422-1432.	4.5	9
49	Cryopreservation of primary human monocytes does not negatively affect their functionality or their ability to be labelled with radionuclides: basis for molecular imaging and cell therapy. <i>EJNMMI Research</i> , 2016, 6, 77.	2.5	8
50	F-18-FDG Imaging for Atherosclerotic Plaque Characterization. <i>Current Cardiovascular Imaging Reports</i> , 2011, 4, 190-198.	0.6	7
51	Use of gated 13N-NH3 micro-PET to examine left ventricular function in rats. <i>Nuclear Medicine and Biology</i> , 2012, 39, 724-729.	0.6	7
52	ECG-triggered high-resolution positron emission tomography: a breakthrough in cardiac molecular imaging of mice. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005, 32, 383-383.	6.4	6
53	Imaging of a Paraganglioma on C-11 Choline PET/CT. <i>Clinical Nuclear Medicine</i> , 2009, 34, 119-121.	1.3	6
54	Concept and implementation of a single source information system in nuclear medicine for myocardial scintigraphy (SPECT-CT data). <i>Applied Clinical Informatics</i> , 2010, 01, 50-67.	1.7	6

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55	Myocardial perfusion imaging and coronary calcium scoring with a two-slice SPECT/CT system: can the attenuation map be calculated from the calcium scoring CT scan?. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1069-1076.	6.4	6
56	Benefit of 68Ga-PSMA-PET/CT in Patients Considered for 223Ra-Dichloride Therapy. Clinical Nuclear Medicine, 2016, 41, 951-952.	1.3	5
57	Discrepancy between glucose metabolism and sympathetic nerve terminals in a patient with metastatic paraganglioma. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 687-687.	6.4	4
58	Impact of presynaptic sympathetic imbalance in long-QT syndrome by positron emission tomography. Heart, 2018, 104, 332-339.	2.9	3
59	Cardiac PET/MRI. Current Cardiovascular Imaging Reports, 2013, 6, 169-178.	0.6	2
60	A Cardiac Metastasis of Follicular Thyroid Carcinoma With Partly Squamous Cell Differentiation. Clinical Nuclear Medicine, 2018, 43, e473-e474.	1.3	1
61	PET/CT Imaging and Physiology of Mice on High Protein Diet. International Journal of Molecular Sciences, 2021, 22, 3236.	4.1	1
62	Autonomic Imaging in Ventricular Arrhythmias. , 2015, , 347-365.		1
63	The upside down heart: inverse gradient in a midventricular hypertrophic cardiomyopathy with apical aneurysm. European Heart Journal - Case Reports, 2021, 5, ytab250.	0.6	0
64	Imaging in Cardiovascular Research. , 2011, , 449-471.		0
65	Imaging in Cardiovascular Research. , 2017, , 663-688.		0
66	Hybrid Imaging of the Autonomic Cardiac Nervous System. , 2022, , 59-82.		0