

Stephan G Nekolla

List of Publications by Year in descending order

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244
papers

14,400
citations

16791

66
h-index

25983

112
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256
all docs

256
docs citations

256
times ranked

10687
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-center study of inter-rater reproducibility, image quality, and diagnostic accuracy of CZT versus conventional SPECT myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2023, 30, 528-539.	1.4	3
2	Gating failure can result in underestimation of cardiac function in myocardial perfusion scintigraphy. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2038-2041.	1.4	1
3	Imaging of cardiac fibroblast activation in a patient after acute myocardial infarction using 68Ga-FAPI-04. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2254-2261.	1.4	39
4	Whole-body uptake classification and prostate cancer staging in 68Ga-PSMA-11 PET/CT using dual-tracer learning. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 517-526.	3.3	23
5	The added value of PSMA PET/MR radiomics for prostate cancer staging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 527-538.	3.3	38
6	Visualization of thermal damage using 68Ga-FAPI-PET/CT after pulmonary vein isolation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1553-1559.	3.3	9
7	Evaluation of the Spline Reconstruction Technique for Preclinical PET Imaging. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 217, 106668.	2.6	1
8	To quantify or not to quantify, that is the question: Semi-quantitative vs. visual analysis of Rb-82 myocardial perfusion imaging PET. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3163-3165.	1.4	1
9	PET/MR Technology: Advancement and Challenges. <i>Seminars in Nuclear Medicine</i> , 2022, 52, 340-355.	2.5	11
10	Cardiac fibroblast activation detected by Ga-68 FAPI PET imaging as a potential novel biomarker of cardiac injury/remodeling. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 812-821.	1.4	74
11	Positive predictive value and correct detection rate of ¹⁸ F-rhPSMA-7 PET in biochemically recurrent prostate cancer validated by composite reference standard. <i>Journal of Nuclear Medicine</i> , 2021, 62, jnumed.120.255661.	2.8	5
12	Diagnostic performance of quantitative and qualitative parameters for the diagnosis of aortic graft infection using [18F]-FDG PET/CT. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2220-2228.	1.4	10
13	Prognostic role of PET/MRI hybrid imaging in patients with pulmonary arterial hypertension. <i>Heart</i> , 2021, 107, 54-60.	1.2	12
14	Almost 10 years of PET/MR attenuation correction: the effect on lesion quantification with PSMA: clinical evaluation on 200 prostate cancer patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 543-553.	3.3	8
15	Multiparametric PET and MRI of myocardial damage after myocardial infarction: correlation of integrin $\alpha v \beta 3$ expression and myocardial blood flow. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1070-1080.	3.3	24
16	First Experience Using ¹⁸ F-Fluorobenguane PET Imaging in Patients with Suspected Pheochromocytoma or Paraganglioma. <i>Journal of Nuclear Medicine</i> , 2021, 62, 479-485.	2.8	5
17	MRI-Guided Motion-Corrected PET Image Reconstruction for Cardiac PET/MRI. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1768-1774.	2.8	10
18	Medical Physics and Imaging – A Timely Perspective. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	5

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19	Multimodal assessment of right ventricle overload-metabolic and clinical consequences in pulmonary arterial hypertension. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 49.	1.6	11
20	Myocardial blood flow quantification conventional single photon tracers: Yet another critical appraisal. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1375-1377.	1.4	0
21	Accuracy of cardiac functional parameters measured from gated radionuclide myocardial perfusion imaging in mice. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1317-1327.	1.4	10
22	What did we learn from PET/MR?. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 899-902.	1.4	0
23	Can the Injected Dose Be Reduced in ⁶⁸ Ga-PSMA-11 PET/CT While Maintaining High Image Quality for Lesion Detection?. <i>Journal of Nuclear Medicine</i> , 2020, 61, 189-193.	2.8	19
24	10 years of PET/MR: Looking back for a moment. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1421-1424.	1.4	0
25	Hybrid PET/MR imaging for the prediction of left ventricular recovery after percutaneous revascularisation of coronary chronic total occlusions. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 3074-3083.	3.3	9
26	Dynamic 2D and 3D mapping of hyperpolarized pyruvate to lactate conversion in vivo with efficient multi-echo balanced steady-state free precession at 3 T. <i>NMR in Biomedicine</i> , 2020, 33, e4291.	1.6	16
27	Clinical quantitative cardiac imaging for the assessment of myocardial ischaemia. <i>Nature Reviews Cardiology</i> , 2020, 17, 427-450.	6.1	94
28	Cost-effectiveness analysis of stand-alone or combined non-invasive imaging tests for the diagnosis of stable coronary artery disease: results from the EVINCI study. <i>European Journal of Health Economics</i> , 2019, 20, 1437-1449.	1.4	23
29	Molecular Imaging of Fibroblast Activity After Myocardial Infarction Using a ⁶⁸ Ga-Labeled Fibroblast Activation Protein Inhibitor, FAPI-04. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1743-1749.	2.8	159
30	Targeting mannose receptor expression on macrophages in atherosclerotic plaques of apolipoprotein E-knockout mice using ⁶⁸ Ga-NOTA-anti-MMR nanobody: non-invasive imaging of atherosclerotic plaques. <i>EJNMMI Research</i> , 2019, 9, 5.	1.1	46
31	A compressed sensing accelerated radial MS-CAIPIRINHA technique for extended anatomical coverage in myocardial perfusion studies on PET/MR systems. <i>Physica Medica</i> , 2019, 64, 157-165.	0.4	4
32	Cardiac PET/MRI—an update. <i>European Journal of Hybrid Imaging</i> , 2019, 3, 2.	0.6	8
33	Classification of Polar Maps from Cardiac Perfusion Imaging with Graph-Convolutional Neural Networks. <i>Scientific Reports</i> , 2019, 9, 7569.	1.6	41
34	Monocyte-platelet aggregates affect local inflammation in patients with acute myocardial infarction. <i>International Journal of Cardiology</i> , 2019, 287, 7-12.	0.8	15
35	Respiratory- and cardiac motion-corrected simultaneous whole-heart PET and dual phase coronary MR angiography. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1671-1684.	1.9	11
36	Galectin-3 Targeting in Thyroid Orthotopic Tumors Opens New Ways to Characterize Thyroid Cancer. <i>Journal of Nuclear Medicine</i> , 2019, 60, 770-776.	2.8	16

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37	Hybrid cardiac imaging using PET/MRI: a joint position statement by the European Society of Cardiovascular Radiology (ESCR) and the European Association of Nuclear Medicine (EANM). <i>European Radiology</i> , 2018, 28, 4086-4101.	2.3	80
38	Multi institutional quantitative phantom study of yttrium-90 PET in PET/MRI: the MR-QUEST study. <i>EJNMMI Physics</i> , 2018, 5, 7.	1.3	10
39	Hybrid cardiac imaging using PET/MRI: a joint position statement by the European Society of Cardiovascular Radiology (ESCR) and the European Association of Nuclear Medicine (EANM). <i>European Journal of Hybrid Imaging</i> , 2018, 2, .	0.6	6
40	Myocardial perfusion quantification using simultaneously acquired ¹³ NH ₃ PET and dynamic contrast-enhanced MRI in patients at rest and stress. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2641-2654.	1.9	35
41	Simultaneous characterization of tumor cellularity and the Warburg effect with PET, MRI and hyperpolarized ¹³ C-MRSI. <i>Theranostics</i> , 2018, 8, 4765-4780.	4.6	35
42	Motion-corrected whole-heart PET-MR for the simultaneous visualisation of coronary artery integrity and myocardial viability: an initial clinical validation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1975-1986.	3.3	27
43	Quantitative cardiovascular magnetic resonance: extracellular volume, native T1 and 18F-FDG PET/CMR imaging in patients after revascularized myocardial infarction and association with markers of myocardial damage and systemic inflammation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 33.	1.6	17
44	The foundation layer of quantitative cardiac PET/MRI: Attenuation correction. Again. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 847-850.	1.4	5
45	Targeting mannose receptor expression on macrophages in atherosclerotic plaques of apolipoprotein E-knockout mice using ¹¹¹ In-tilmanocept. <i>EJNMMI Research</i> , 2017, 7, 40.	1.1	32
46	Exploring New Multimodal Quantitative Imaging Indices for the Assessment of Osseous Tumor Burden in Prostate Cancer Using ⁶⁸ Ga-PSMA PET/CT. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1632-1637.	2.8	33
47	CT-based SPECT attenuation correction and assessment of infarct size: results from a cardiac phantom study. <i>Annals of Nuclear Medicine</i> , 2017, 31, 764-772.	1.2	2
48	Cardiovascular PET/MRI: Technical Considerations and Outlook. <i>Current Cardiovascular Imaging Reports</i> , 2017, 10, 1.	0.4	0
49	Segmentation of Skeleton and Organs in Whole-Body CT Images via Iterative Trilateration. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 2276-2286.	5.4	12
50	PET/MR: Yet another Tesla?. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1019-1031.	1.4	13
51	Imaging the Cytokine Receptor CXCR4 in Atherosclerotic Plaques with the Radiotracer ⁶⁸ Ga-Pentixafor for PET. <i>Journal of Nuclear Medicine</i> , 2017, 58, 499-506.	2.8	94
52	Measurement of extracellular volume and transit time heterogeneity using contrast-enhanced myocardial perfusion MRI in patients after acute myocardial infarction. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 2320-2330.	1.9	14
53	Observations With Simultaneous 18F-FDG PET and MR Imaging in Peripheral Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 709-711.	2.3	7
54	In-depth Characterization of a TCR-specific Tracer for Sensitive Detection of Tumor-directed Transgenic T Cells by Immuno-PET. <i>Theranostics</i> , 2017, 7, 2402-2416.	4.6	31

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55	Improving Scatter Correction for Ga-68 PSMA PET Studies. , 2017, , .		0
56	Cardiovascular preclinical imaging. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2017, 61, 48-59.	0.4	6
57	Prospective Evaluation of ¹⁸ F-Fluorodeoxyglucose Uptake in Posts ischemic Myocardium by Simultaneous Positron Emission Tomography/Magnetic Resonance Imaging as a Prognostic Marker of Functional Outcome. Circulation: Cardiovascular Imaging, 2016, 9, e004316.	1.3	107
58	Prediction of all-cause death using ¹¹ C-hydroxyephedrine positron emission tomography in Japanese patients with left ventricular dysfunction. Annals of Nuclear Medicine, 2016, 30, 461-467.	1.2	10
59	Effect of blood activity on dosimetric calculations for radiopharmaceuticals. Physics in Medicine and Biology, 2016, 61, 7688-7703.	1.6	5
60	Cardiac Positron Emission Tomography: a Clinical Perspective. Current Cardiovascular Imaging Reports, 2016, 9, 1.	0.4	1
61	Comparison between MRI-based attenuation correction methods for brain PET in dementia patients. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 2190-2200.	3.3	27
62	PET/MR Imaging in Heart Disease. PET Clinics, 2016, 11, 465-477.	1.5	8
63	Upregulated myocardial CXCR4-expression after myocardial infarction assessed by simultaneous GA-68 pentixafor PET/MRI. Journal of Nuclear Cardiology, 2016, 23, 131-133.	1.4	44
64	Emerging clinical applications for PET/MR in the field of cardiovascular imaging. Medecine Nucleaire, 2016, 40, 11-19.	0.2	1
65	High-risk plaque features can be detected in non-stenotic carotid plaques of patients with ischaemic stroke classified as cryptogenic using combined ¹⁸ F-FDG PET/MR imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 270-279.	3.3	103
66	PET/CT and CMR imaging in a patient with chest pain and unobstructed coronary vessels. Journal of Nuclear Cardiology, 2016, 23, 326-330.	1.4	0
67	Prompt Gamma Correction for Ga-68 PSMA PET studies. , 2015, , .		9
68	Multiparametric MR and PET Imaging of Intratumoral Biological Heterogeneity in Patients with Metastatic Lung Cancer Using Voxel-by-Voxel Analysis. PLoS ONE, 2015, 10, e0132386.	1.1	28
69	Assessing Myocardial Metabolism with Hybrid PET Imaging: Instrumentation, Concepts, and Workflows. Current Pharmaceutical Design, 2015, 22, 96-104.	0.9	2
70	Impact of injection dose, post-reconstruction filtering, and collimator choice on image quality of myocardial perfusion SPECT using cadmium-zinc telluride detectors in the rat. EJNMMI Physics, 2015, 2, 7.	1.3	4
71	PET/MRI of the Heart. Seminars in Nuclear Medicine, 2015, 45, 234-247.	2.5	51
72	A 16-channel MR coil for simultaneous PET/MR imaging in breast cancer. European Radiology, 2015, 25, 1154-1161.	2.3	42

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73	Motion Correction Strategies for Integrated PET/MR. <i>Journal of Nuclear Medicine</i> , 2015, 56, 261-269.	2.8	99
74	PET/MRI early after myocardial infarction: evaluation of viability with late gadolinium enhancement transmural vs. ¹⁸ F-FDG uptake. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 661-9.	0.5	84
75	Multiparametric Molecular Imaging Provides Mechanistic Insights into Sympathetic Innervation Impairment in the Viable Infarct Border Zone. <i>Journal of Nuclear Medicine</i> , 2015, 56, 457-463.	2.8	37
76	Attenuation correction in cardiac PET: To raise awareness for a problem which is as old as PET/CT. <i>Journal of Nuclear Cardiology</i> , 2015, 22, 1296-1299.	1.4	7
77	MR-Based Attenuation Correction Using Ultrashort-Echo-Time Pulse Sequences in Dementia Patients. <i>Journal of Nuclear Medicine</i> , 2015, 56, 423-429.	2.8	58
78	Mechanistic Insights into Sympathetic Neuronal Regeneration. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e003507.	1.3	23
79	Retention Kinetics of the ¹⁸ F-Labeled Sympathetic Nerve PET Tracer LMI1195: Comparison with ¹¹ C-Hydroxyephedrine and ¹²³ I-MIBG. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1429-1433.	2.8	66
80	Discrimination Between Brown and White Adipose Tissue Using a 2-Point Dixon Water-Fat Separation Method in Simultaneous PET/MRI. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1742-1747.	2.8	45
81	Myocardial Kinetics of a Novel [¹⁸ F]-Labeled Sympathetic Nerve PET Tracer LMI1195 in the Isolated Perfused Rabbit Heart. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1229-1231.	2.3	17
82	⁶⁸ Ga-PSMA PET/MR with multimodality image analysis for primary prostate cancer. <i>Abdominal Imaging</i> , 2015, 40, 1769-1771.	2.0	74
83	Current and Future Status of PET Myocardial Perfusion Tracers. <i>Current Cardiovascular Imaging Reports</i> , 2015, 8, 1.	0.4	3
84	Self-gated MRI motion modeling for respiratory motion compensation in integrated PET/MRI. <i>Medical Image Analysis</i> , 2015, 19, 110-120.	7.0	103
85	Cardiovascular Applications of Non-invasive Imaging in Cardiovascular Diseases: From Bench to Bedside. , 2015, , 433-464.		1
86	PET/MRI for Cardiac Imaging: Technical Considerations and Potential Applications. , 2015, , 29-48.		2
87	Non Invasive Imaging Modalities for Cardiovascular Translational Research-Technical Considerations. , 2015, , 413-431.		0
88	General Principles of PET/CT and Autonomic Innervation of the Heart Including Kinetics and Software. , 2015, , 161-185.		2
89	Integrated Cardiovascular PET/MR: Lessons Learned. , 2015, , 209-216.		0
90	An integrated bioimpedance ECG gating technique for respiratory and cardiac motion compensation in cardiac PET. <i>Physics in Medicine and Biology</i> , 2014, 59, 6373-6385.	1.6	16

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91	Prediction of Glioma Recurrence Using Dynamic ¹⁸ F-Fluoroethyltyrosine PET. American Journal of Neuroradiology, 2014, 35, 1924-1929.	1.2	22
92	Myocardial blood flow quantification with SPECT and conventional tracers: a critical appraisal. Journal of Nuclear Cardiology, 2014, 21, 1089-1091.	1.4	14
93	Quantification of Myocardial Blood Flow in Absolute Terms Using ⁸² Rb PET Imaging. JACC: Cardiovascular Imaging, 2014, 7, 1119-1127.	2.3	144
94	PET/MR Imaging in the Detection and Characterization of Pulmonary Lesions: Technical and Diagnostic Evaluation in Comparison to PET/CT. Journal of Nuclear Medicine, 2014, 55, 724-729.	2.8	113
95	Utility of multimodal cardiac imaging with PET/MRI in cardiac sarcoidosis: implications for diagnosis, monitoring and treatment. European Heart Journal, 2014, 35, 312-312.	1.0	66
96	Small-Animal PET Imaging of Isolated Perfused Rat Heart. Journal of Nuclear Medicine, 2014, 55, 495-499.	2.8	4
97	Treatment of acute left main occlusion by early revascularization combined with extracorporeal circulation achieves substantial myocardial salvage as assessed by simultaneous positron emission tomography/magnetic resonance imaging. Resuscitation, 2014, 85, e171-e173.	1.3	1
98	MR-based attenuation correction in brain PET based on UTE sequences. EJNMMI Physics, 2014, 1, A35.	1.3	0
99	Combined PET/MR: Where Are We Now? Summary Report of the Second International Workshop on PET/MR Imaging April 8-12, 2013, Tubingen, Germany. Molecular Imaging and Biology, 2014, 16, 295-310.	1.3	38
100	Systematic Comparison of the Performance of Integrated Whole-Body PET/MR Imaging to Conventional PET/CT for ¹⁸ F-FDG Brain Imaging in Patients Examined for Suspected Dementia. Journal of Nuclear Medicine, 2014, 55, 923-931.	2.8	46
101	MR-PET in Cardiology: An Overview and Selected Cases. , 2014, , 127-138.		0
102	Comparison of cyclic RGD peptides for $\alpha_v\beta_3$ integrin detection in a rat model of myocardial infarction. EJNMMI Research, 2013, 3, 38.	1.1	51
103	Positron emission tomography in the assessment of left ventricular function in healthy rats: A comparison of four imaging methods. Journal of Nuclear Cardiology, 2013, 20, 262-274.	1.4	15
104	Hybrid image visualization tool for 3D integration of CT coronary anatomy and quantitative myocardial perfusion PET. International Journal of Computer Assisted Radiology and Surgery, 2013, 8, 221-232.	1.7	3
105	Cardiac PET/MRI. Current Cardiovascular Imaging Reports, 2013, 6, 158-168.	0.4	4
106	Myocardial sympathetic innervation, function, and oxidative metabolism in non-infarcted myocardium in patients with prior myocardial infarction. Annals of Nuclear Medicine, 2013, 27, 523-531.	1.2	9
107	Comparison of integrated whole-body [¹¹ C]choline PET/MR with PET/CT in patients with prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1486-1499.	3.3	107
108	Image Fusion and Coregistration: State of the (He)art. , 2013, , 115-123.		0

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109	Quantitative assessment of glucose metabolism in the vessel wall of abdominal aortic aneurysms: correlation with histology and role of partial volume correction. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 505-512.	0.7	35
110	Assessment of myocardial perfusion and viability by Positron Emission Tomography. <i>International Journal of Cardiology</i> , 2013, 167, 1737-1749.	0.8	69
111	Clinical Impact of Cardiac-Gated PET Imaging. <i>PET Clinics</i> , 2013, 8, 69-79.	1.5	7
112	Motion Artifacts in Oncological and Cardiac PET Imaging. <i>PET Clinics</i> , 2013, 8, 1-9.	1.5	10
113	[⁶⁸ Ga]-Albumin-PET in the Monitoring of Left Ventricular Function in Murine Models of Ischemic and Dilated Cardiomyopathy: Comparison with Cardiac MRI. <i>Molecular Imaging and Biology</i> , 2013, 15, 441-449.	1.3	19
114	Preclinical Evaluation of ¹⁸ F-LMI1195 for In Vivo Imaging of Pheochromocytoma in the MENX Tumor Model. <i>Journal of Nuclear Medicine</i> , 2013, 54, 2111-2117.	2.8	19
115	Assessment of the ¹⁸ F-Labeled PET Tracer LMI1195 for Imaging Norepinephrine Handling in Rat Hearts. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1142-1146.	2.8	38
116	Multimodal Assessment of In Vivo Metabolism with Hyperpolarized [¹³ C]MR Spectroscopy and ¹⁸ F-FDG PET Imaging in Hepatocellular Carcinoma Tumor-Bearing Rats. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1113-1119.	2.8	29
117	Hybrid PET/MR Imaging of the Heart: Potential, Initial Experiences, and Future Prospects. <i>Journal of Nuclear Medicine</i> , 2013, 54, 402-415.	2.8	144
118	PET/MR imaging of atherosclerosis: initial experience and outlook. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 3, 393-6.	1.0	16
119	Impaired Global Myocardial Flow Dynamics Despite Normal Left Ventricular Function and Regional Perfusion in Chronic Kidney Disease: A Quantitative Analysis of Clinical ⁸² Rb PET/CT Studies. <i>Journal of Nuclear Medicine</i> , 2012, 53, 887-893.	2.8	31
120	Transient Ischemic Dilation Ratio in ⁸² Rb PET Myocardial Perfusion Imaging: Normal Values and Significance as a Diagnostic and Prognostic Marker. <i>Journal of Nuclear Medicine</i> , 2012, 53, 723-730.	2.8	40
121	Molecular Imaging of Early β_1 Integrin Expression Predicts Long-Term Left-Ventricle Remodeling After Myocardial Infarction in Rats. <i>Journal of Nuclear Medicine</i> , 2012, 53, 318-323.	2.8	64
122	Simultaneous Positron Emission Tomography/Magnetic Resonance Imaging Identifies Sustained Regional Abnormalities in Cardiac Metabolism and Function in Stress-Induced Transient Midventricular Ballooning Syndrome. <i>Circulation</i> , 2012, 126, e324-6.	1.6	28
123	Coronary Vasoreactivity in Subjects with Thyroid Autoimmunity and Subclinical Hypothyroidism Before and After Supplementation with Thyroxine. <i>Thyroid</i> , 2012, 22, 245-251.	2.4	20
124	Workflow and Scan Protocol Considerations for Integrated Whole-Body PET/MRI in Oncology. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1415-1426.	2.8	109
125	First Clinical Experience with Integrated Whole-Body PET/MR: Comparison to PET/CT in Patients with Oncologic Diagnoses. <i>Journal of Nuclear Medicine</i> , 2012, 53, 845-855.	2.8	466
126	Simulation of a MR-PET protocol for staging of head-and-neck cancer including Dixon MR for attenuation correction. <i>European Journal of Radiology</i> , 2012, 81, 2658-2665.	1.2	31

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127	Attenuation correction for PET/MR: Problems, novel approaches and practical solutions. Zeitschrift Fur Medizinische Physik, 2012, 22, 299-310.	0.6	58
128	Reproducibility and accuracy of non-invasive measurement of infarct size in mice with high-resolution PET/CT. Journal of Nuclear Cardiology, 2012, 19, 492-499.	1.4	15
129	Diet intervention reduces uptake of α^{23} integrin-targeted PET tracer ^{18}F -galacto-RGD in mouse atherosclerotic plaques. Journal of Nuclear Cardiology, 2012, 19, 775-784.	1.4	33
130	The Next Generation of Cardiac Positron Emission Tomography Imaging Agents: Discovery of Flurpiridaz F-18 for Detection of Coronary Disease. Seminars in Nuclear Medicine, 2011, 41, 305-313.	2.5	55
131	Value of a Dixon-based MR/PET attenuation correction sequence for the localization and evaluation of PET-positive lesions. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 1691-1701.	3.3	161
132	Novel ^{18}F -Labeled PET Myocardial Perfusion Tracers: Bench to Bedside. Current Cardiology Reports, 2011, 13, 145-150.	1.3	18
133	Preliminary study of the detectability of coronary plaque with PET. Physics in Medicine and Biology, 2011, 56, 2145-2160.	1.6	15
134	Performance Measurements of the Siemens mMR Integrated Whole-Body PET/MR Scanner. Journal of Nuclear Medicine, 2011, 52, 1914-1922.	2.8	828
135	Prediction of Short-Term Cardiovascular Events Using Quantification of Global Myocardial Flow Reserve in Patients Referred for Clinical ^{82}Rb PET Perfusion Imaging. Journal of Nuclear Medicine, 2011, 52, 726-732.	2.8	200
136	Reply: Simplified Quantification of Myocardial Flow Reserve with ^{18}F -Flurpiridaz: Validation with Microspheres in a Pig Model. Journal of Nuclear Medicine, 2011, 52, 1835.2-1836.	2.8	1
137	Simplified Quantification of Myocardial Flow Reserve with flurpiridaz F 18: Validation with Microspheres in a Pig Model. Journal of Nuclear Medicine, 2011, 52, 617-624.	2.8	73
138	Registration of myocardial PET and SPECT for viability assessment using mutual information. Medical Physics, 2010, 37, 2414-2424.	1.6	9
139	Myocardial Perfusion Imaging is Feasible for Infarct Size Quantification in Mice Using a Clinical Single-photon Emission Computed Tomography System Equipped with Pinhole Collimators. Molecular Imaging and Biology, 2010, 12, 427-434.	1.3	23
140	Semiautomatic Algorithm for Lymph Node Analysis Corrected for Partial Volume Effects in Combined Positron Emission Tomography-Computed Tomography. Molecular Imaging, 2010, 9, 7290.2010.00019.	0.7	4
141	Phenotyping of Tumor Biology in Patients by Multimodality Multiparametric Imaging: Relationship of Microcirculation, α^{23} Expression, and Glucose Metabolism. Journal of Nuclear Medicine, 2010, 51, 1691-1698.	2.8	39
142	Photon attenuation correction in whole-body PET/MRI using tissue classification. , 2010, , ,		1
143	Iodine-123 Metaiodobenzylguanidine Imaging and Carbon-11 Hydroxyephedrine Positron Emission Tomography Compared in Patients With Left Ventricular Dysfunction. Circulation: Cardiovascular Imaging, 2010, 3, 595-603.	1.3	71
144	Acute Myocardial Infarction: Serial Cardiac MR Imaging Shows a Decrease in Delayed Enhancement of the Myocardium during the 1st Week after Reperfusion. Radiology, 2010, 254, 88-97.	3.6	102

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145	PET/CT challenge for the non-invasive diagnosis of coronary artery disease. <i>European Journal of Radiology</i> , 2010, 73, 494-503.	1.2	24
146	The effect of limited MR field of view in MR/PET attenuation correction. <i>Medical Physics</i> , 2010, 37, 2804-2812.	1.6	95
147	Effect of reorientation on myocardial blood flow estimation from dynamic ^{13}N PET imaging. , 2009, , .		0
148	Evaluation of ^{18}F Integrin-Targeted Positron Emission Tomography Tracer ^{18}F -Galacto-RGD for Imaging of Vascular Inflammation in Atherosclerotic Mice. <i>Circulation: Cardiovascular Imaging</i> , 2009, 2, 331-338.	1.3	145
149	Reporter Gene PET for Monitoring Survival of Transplanted Endothelial Progenitor Cells in the Rat Heart After Pretreatment with VEGF and Atorvastatin. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1881-1886.	2.8	40
150	Abciximab in Patients With Acute ST-Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention After Clopidogrel Loading. <i>Circulation</i> , 2009, 119, 1933-1940.	1.6	300
151	Expanding the Versatility of Cardiac PET/CT: Feasibility of Delayed Contrast Enhancement CT for Infarct Detection in a Porcine Model. <i>Journal of Nuclear Medicine</i> , 2009, 50, 259-265.	2.8	18
152	Combined Reporter Gene PET and Iron Oxide MRI for Monitoring Survival and Localization of Transplanted Cells in the Rat Heart. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1088-1094.	2.8	110
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