

Christoph Rischpler

List of Publications by Year in descending order

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92
papers

3,480
citations

147726

31
h-index

149623

56
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92
all docs

92
docs citations

92
times ranked

3519
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of ⁶⁸ Ga-PSMA-11 PET Accuracy in Localizing Recurrent Prostate Cancer. JAMA Oncology, 2019, 5, 856.	3.4	493
2	¹⁸ F-fluciclovine PET-CT and ⁶⁸ Ga-PSMA-11 PET-CT in patients with early biochemical recurrence after prostatectomy: a prospective, single-centre, single-arm, comparative imaging trial. Lancet Oncology, The, 2019, 20, 1286-1294.	5.1	338
3	Hybrid PET/MR Imaging of the Heart: Potential, Initial Experiences, and Future Prospects. Journal of Nuclear Medicine, 2013, 54, 402-415.	2.8	144
4	Efficacy, Predictive Factors, and Prediction Nomograms for ⁶⁸ Ga-labeled Prostate-specific Membrane Antigen- ⁶⁸ ligand Positron-emission Tomography/Computed Tomography in Early Biochemical Recurrent Prostate Cancer After Radical Prostatectomy. European Urology, 2018, 73, 656-661.	0.9	129
5	⁶⁸ Ga-PSMA-11 PET/CT Interobserver Agreement for Prostate Cancer Assessments: An International Multicenter Prospective Study. Journal of Nuclear Medicine, 2017, 58, 1617-1623.	2.8	111
6	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
7	⁶⁸ Ga-PSMA-HBED-CC Uptake in Cervical, Celiac, and Sacral Ganglia as an Important Pitfall in Prostate Cancer PET Imaging. Journal of Nuclear Medicine, 2018, 59, 1406-1411.	2.8	106
8	Artificial Intelligence in Nuclear Medicine. Journal of Nuclear Medicine, 2019, 60, 29S-37S.	2.8	95
9	Imaging the Cytokine Receptor CXCR4 in Atherosclerotic Plaques with the Radiotracer ⁶⁸ Ga-Pentixafor for PET. Journal of Nuclear Medicine, 2017, 58, 499-506.	2.8	94
10	PET/MRI early after myocardial infarction: evaluation of viability with late gadolinium enhancement transmural vs. ¹⁸ F-FDG uptake. European Heart Journal Cardiovascular Imaging, 2015, 16, 661-9.	0.5	84
11	Targeting early stages of cardiotoxicity from anti-PD1 immune checkpoint inhibitor therapy. European Heart Journal, 2022, 43, 316-329.	1.0	84
12	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). European Radiology, 2018, 28, 4086-4101.	2.3	80
13	EANM procedural guidelines for PET/CT quantitative myocardial perfusion imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1040-1069.	3.3	70
14	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
15	Retention Kinetics of the ¹⁸ F-Labeled Sympathetic Nerve PET Tracer LMI1195: Comparison with ¹¹ C-Hydroxyephedrine and ¹²³ I-MIBG. Journal of Nuclear Medicine, 2015, 56, 1429-1433.	2.8	66
16	Detection Efficacy of Hybrid ⁶⁸ Ga-PSMA Ligand PET/CT in Prostate Cancer Patients with Biochemical Recurrence After Primary Radiation Therapy Defined by Phoenix Criteria. Journal of Nuclear Medicine, 2017, 58, 1081-1087.	2.8	66
17	Initial clinical experience with ⁹⁰ Y-FAPI-46 radioligand therapy for advanced stage solid tumors: a case series of nine patients. Journal of Nuclear Medicine, 2021, , jnumed.121.262468.	2.8	64
18	Procedural recommendations of cardiac PET/CT imaging: standardization in inflammatory-, infective-, infiltrative-, and innervation (4Is)-related cardiovascular diseases: a joint collaboration of the EACVI and the EANM. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1016-1039.	3.3	62

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19	Pitfalls and Common Findings in ⁶⁸ Ga-FAPI PET: A Pictorial Analysis. <i>Journal of Nuclear Medicine</i> , 2022, 63, 890-896.	2.8	61
20	Artificial Intelligence and Machine Learning in Nuclear Medicine: Future Perspectives. <i>Seminars in Nuclear Medicine</i> , 2021, 51, 170-177.	2.5	55
21	EANM procedural guidelines for myocardial perfusion scintigraphy using cardiac-centered gamma cameras. <i>European Journal of Hybrid Imaging</i> , 2019, 3, 11.	0.6	46
22	Position paper of the EACVI and EANM on artificial intelligence applications in multimodality cardiovascular imaging using SPECT/CT, PET/CT, and cardiac CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1399-1413.	3.3	45
23	Safety and Efficacy of ⁹⁰ Y-FAPI-46 Radioligand Therapy in Patients with Advanced Sarcoma and Other Cancer Entities. <i>Clinical Cancer Research</i> , 2022, 28, 4346-4353.	3.2	45
24	Expression and Cellular Localization of CXCR4 and CXCL12 in Human Carotid Atherosclerotic Plaques. <i>Thrombosis and Haemostasis</i> , 2018, 118, 195-206.	1.8	43
25	Advances in PET myocardial perfusion imaging: F-18 labeled tracers. <i>Annals of Nuclear Medicine</i> , 2012, 26, 1-6.	1.2	42
26	Cardiac fibroblast activation detected by positron emission tomography/computed tomography as a possible sign of cardiotoxicity. <i>European Heart Journal</i> , 2020, 41, 1060-1060.	1.0	41
27	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
28	⁶⁸ Ga-PSMA-11 PET/CT Improves Tumor Detection and Impacts Management in Patients with Hepatocellular Carcinoma. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1235-1241.	2.8	39
29	Treatment-related changes in neuroendocrine tumors as assessed by textural features derived from ⁶⁸ Ga-DOTATOC PET/MRI with simultaneous acquisition of apparent diffusion coefficient. <i>BMC Cancer</i> , 2020, 20, 326.	1.1	38
30	<p>Diagnosis and Screening of Patients with Fabry Disease</p>. <i>Therapeutics and Clinical Risk Management</i> , 2020, Volume 16, 551-558.	0.9	37
31	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
32	Procedural recommendations of cardiac PET/CT imaging: standardization in inflammatory-, infective-, infiltrative-, and innervation- (4Is) related cardiovascular diseases: a joint collaboration of the EACVI and the EANM: A summary. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1320-1330.	0.5	35
33	Multiparametric Integrated ¹⁸ F-FDG PET/MRI-Based Radiomics for Breast Cancer Phenotyping and Tumor Decoding. <i>Cancers</i> , 2021, 13, 2928.	1.7	34
34	Enhancing Radioiodine Incorporation into Radioiodine-Refractory Thyroid Cancer with MAPK Inhibition (ERRITI): A Single-Center Prospective Two-Arm Study. <i>Clinical Cancer Research</i> , 2022, 28, 4194-4202.	3.2	28
35	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
36	Multiparametric PET and MRI of myocardial damage after myocardial infarction: correlation of integrin α _v β ₃ expression and myocardial blood flow. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1070-1080.	3.3	24

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37	Imaging Inflammation with Positron Emission Tomography. <i>Biomedicines</i> , 2021, 9, 212.	1.4	24
38	Just another "Clever Hans"? Neural networks and FDG PET-CT to predict the outcome of patients with breast cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3141-3150.	3.3	23
39	Discrepant uptake of the radiolabeled norepinephrine analogues hydroxyephedrine (HED) and metaiodobenzylguanidine (MIBG) in rat hearts. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1077-1083.	3.3	21
40	Multiparametric 18F-FDG PET/MRI-Based Radiomics for Prediction of Pathological Complete Response to Neoadjuvant Chemotherapy in Breast Cancer. <i>Cancers</i> , 2022, 14, 1727.	1.7	20
41	Mapping Prostate Cancer Lesions Before and After Unsuccessful Salvage Lymph Node Dissection Using Repeat PSMA PET. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1037-1042.	2.8	19
42	Clinical Use of PET/MR in Oncology: An Update. <i>Seminars in Nuclear Medicine</i> , 2022, 52, 356-364.	2.5	18
43	Textural analysis of hybrid DOTATOC-PET/MRI and its association with histological grading in patients with liver metastases from neuroendocrine tumors. <i>Nuclear Medicine Communications</i> , 2020, 41, 363-369.	0.5	16
44	Evaluation of 18F-FDG PET/CT images acquired with a reduced scan time duration in lymphoma patients using the digital biograph vision. <i>BMC Cancer</i> , 2021, 21, 62.	1.1	16
45	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
46	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
47	Sympathetic nerve damage and restoration after ischemia-reperfusion injury as assessed by 11C-hydroxyephedrine. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 312-318.	3.3	14
48	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
49	SNMMI Procedure Standard/EANM Guideline for Gated Equilibrium Radionuclide Angiography*. <i>Journal of Nuclear Medicine Technology</i> , 2020, 48, 126-135.	0.4	14
50	PET/MR: Yet another Tesla?. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1019-1031.	1.4	13
51	Cardiovascular imaging in cardio-oncology. <i>Journal of Thoracic Disease</i> , 2018, 10, S4351-S4366.	0.6	13
52	Cardiac fibroblast activation detected by 68Gallium-FAPI-46 positron emission tomography "magnetic resonance imaging as a sign of chronic activity in cardiac sarcoidosis. <i>European Heart Journal - Case Reports</i> , 2022, 6, ytac005.	0.3	13
53	Acute myocardial infarction. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 60, 236-51.	0.4	13
54	Cardiac PET/MRI: Current Clinical Status and Future Perspectives. <i>Seminars in Nuclear Medicine</i> , 2020, 50, 260-269.	2.5	12

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55	PET/MR Imaging in Cardiovascular Imaging. PET Clinics, 2019, 14, 233-244.	1.5	11
56	Comparing lesion detection efficacy and image quality across different PET system generations to optimize the iodine-124 PET protocol for recurrent thyroid cancer. EJNMMI Physics, 2021, 8, 14.	1.3	11
57	Evaluation of [68Ga]Ga-PSMA PET/CT images acquired with a reduced scan time duration in prostate cancer patients using the digital biograph vision. EJNMMI Research, 2021, 11, 21.	1.1	10
58	18F-FDG PET/MR versus MR Alone in Whole-Body Primary Staging and Restaging of Patients with Rectal Cancer: What Is the Benefit of PET?. Journal of Clinical Medicine, 2020, 9, 3163.	1.0	9
59	Hybrid PET/MR imaging for the prediction of left ventricular recovery after percutaneous revascularisation of coronary chronic total occlusions. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 3074-3083.	3.3	9
60	Evaluation of ¹⁸ F-FDG PET and DWI Datasets for Predicting Therapy Response of Soft-Tissue Sarcomas Under Neoadjuvant Isolated Limb Perfusion. Journal of Nuclear Medicine, 2021, 62, 348-353.	2.8	9
61	Visualization of thermal damage using 68Ga-FAPI-PET/CT after pulmonary vein isolation. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 1553-1559.	3.3	9
62	PET/MR Imaging in Heart Disease. PET Clinics, 2016, 11, 465-477.	1.5	8
63	Systemic antitumor effect by regional hyperthermia combined with low-dose chemotherapy and immunologic correlates in an adolescent patient with rhabdomyosarcoma – a case report. International Journal of Hyperthermia, 2020, 37, 55-65.	1.1	8
64	Reduction of emission time for [68Ga]Ga-PSMA PET/CT using the digital biograph vision: a phantom study. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2023, 67, .	0.4	8
65	Fabry Cardiomyopathy: Current Treatment and Future Options. Journal of Clinical Medicine, 2021, 10, 3026.	1.0	8
66	Diagnostic Performance of ¹²⁴ I-Metaiodobenzylguanidine PET/CT in Patients with Pheochromocytoma. Journal of Nuclear Medicine, 2022, 63, 869-874.	2.8	8
67	Assessment of Suspected Malignancy or Infection in Immunocompromised Patients After Solid Organ Transplantation by [18F]FDG PET/CT and [18F]FDG PET/MRI. Nuclear Medicine and Molecular Imaging, 2020, 54, 183-191.	0.6	7
68	Predictive Factors for RAI-Refractory Disease and Short Overall Survival in PDTC. Cancers, 2021, 13, 1728.	1.7	7
69	Evaluation of the Predictive Potential of 18F-FDG PET and DWI Data Sets for Relevant Prognostic Parameters of Primary Soft-Tissue Sarcomas. Cancers, 2021, 13, 2753.	1.7	7
70	In vivo Visualization of M2 Macrophages in the Myocardium After Myocardial Infarction (MI) Using 68Ga-NOTA-Anti-MMR Nb: Targeting Mannose Receptor (MR, CD206) on M2 Macrophages. Frontiers in Cardiovascular Medicine, 2022, 9, 889963.	1.1	7
71	Cardiovascular preclinical imaging. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2017, 61, 48-59.	0.4	6
72	Molecular Imaging and Therapy of Colorectal and Anal Cancer. Seminars in Nuclear Medicine, 2020, 50, 465-470.	2.5	6

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73	Effects of Anti-Tumor Necrosis Factor Therapy on Osteoblastic Activity at Sites of Inflammatory and Structural Lesions in Radiographic Axial Spondyloarthritis: A Prospective Study Using Positron Emission Tomography/Magnetic Resonance Imaging of the Sacroiliac Joints and Spine. <i>Arthritis and Rheumatology</i> , 2022, 74, 1497-1505.	2.9	6
74	First Experience Using ¹⁸ F-Fluorobenguanine PET Imaging in Patients with Suspected Pheochromocytoma or Paraganglioma. <i>Journal of Nuclear Medicine</i> , 2021, 62, 479-485.	2.8	5
75	Correlation between contrast enhancement, standardized uptake value (SUV), and diffusion restriction (ADC) with tumor grading in patients with therapy-naïve neuroendocrine neoplasms using hybrid ⁶⁸ Ga-DOTATOC PET/MRI. <i>European Journal of Radiology</i> , 2021, 137, 109588.	1.2	5
76	First experiences with dynamic renal [⁶⁸ Ga]Ga-DOTA-PET/CT: a comparison to renal scintigraphy and compartmental modelling to non-invasively estimate the glomerular filtration rate. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3373-3386.	3.3	5
77	What is the best PET target for early biochemical recurrence of prostate cancer? Authors' reply. <i>Lancet Oncology</i> , The, 2019, 20, e609-e610.	5.1	4
78	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
79	Correlation of the apparent diffusion coefficient (ADC) and standardized uptake values (SUV) with overall survival in patients with primary non-small cell lung cancer (NSCLC) using ¹⁸ F-FDG PET/MRI. <i>European Journal of Radiology</i> , 2021, 134, 109422.	1.2	4
80	Comparison of pre- and post-contrast-enhanced attenuation correction using a CAIPI-accelerated T1-weighted Dixon 3D-VIBE sequence in ⁶⁸ Ga-DOTATOC PET/MRI. <i>European Journal of Radiology</i> , 2021, 139, 109691.	1.2	4
81	Imaging the Inflammatory Response in Checkpoint Inhibition Myocarditis. <i>Journal of Nuclear Medicine</i> , 2022, 63, 14-16.	2.8	4
82	Nuclear Molecular Imaging of Cardiac Remodeling after Myocardial Infarction. <i>Pharmaceuticals</i> , 2022, 15, 183.	1.7	4
83	Current and Future Status of PET Myocardial Perfusion Tracers. <i>Current Cardiovascular Imaging Reports</i> , 2015, 8, 1.	0.4	3
84	Imaging inflammation after myocardial infarction: implications for prognosis and therapeutic guidance. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 64, 35-50.	0.4	3
85	Imaging pheochromocytoma in small animals: preclinical models to improve diagnosis and treatment. <i>EJNMMI Research</i> , 2021, 11, 121.	1.1	3
86	Shining Damaged Hearts: Immunotherapy-Related Cardiotoxicity in the Spotlight of Nuclear Cardiology. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3802.	1.8	3
87	B-lymphoblastic lymphoma: a heartening diagnosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 116-116.	0.5	2
88	N-staging in large cell neuroendocrine carcinoma of the lung: diagnostic value of [¹⁸ F]FDG PET/CT compared to the histopathology reference standard. <i>EJNMMI Research</i> , 2021, 11, 68.	1.1	2
89	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
90	Combined PET and MRI for the masses!. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1518-1519.	1.4	1

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91	Atypical bilateral ventilation/perfusion mismatches in an asymptomatic patient suffering from metastatic thyroid cancer. <i>European Journal of Hybrid Imaging</i> , 2021, 5, 25.	0.6	1
92	Lung Nodules Missed in Initial Staging of Breast Cancer Patients in PET/MRI – Clinically Relevant?. <i>Cancers</i> , 2022, 14, 3454.	1.7	0