

Michael Schäfers

List of Publications by Year in descending order

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papers

1,006
citations

516710

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1707
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#	ARTICLE	IF	CITATIONS
1	¹⁸ F-FDG PET/CT Uptake Classification in Lymphoma and Lung Cancer by Using Deep Convolutional Neural Networks. <i>Radiology</i> , 2020, 294, 445-452.	7.3	133
2	Correlation of Intraprostatic Tumor Extent with ⁶⁸ Ga-PSMA Distribution in Patients with Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2016, 57, 563-567.	5.0	131
3	Myostatin Regulates Energy Homeostasis in the Heart and Prevents Heart Failure. <i>Circulation Research</i> , 2014, 115, 296-310.	4.5	85
4	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.	4.5	80
5	Second line chemotherapy and visceral metastases are associated with poor survival in patients with mCRPC receiving ¹⁷⁷ Lu-PSMA-617. <i>Theranostics</i> , 2019, 9, 4841-4848.	10.0	62
6	Non-invasive grading of primary brain tumours: Results of a comparative study between SPET with ¹²³ I- β -methyl tyrosine and PET with ¹⁸ F-deoxyglucose. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 24, 428-434.	2.1	49
7	Simultaneous FAPI PET/MRI Targeting the Fibroblast-Activation Protein for Breast Cancer. <i>Radiology</i> , 2022, 302, 39-47.	7.3	49
8	Impact of Data-driven Respiratory Gating in Clinical PET. <i>Radiology</i> , 2016, 281, 229-238.	7.3	42
9	Harnessing the Maltodextrin Transport Mechanism for Targeted Bacterial Imaging: Structural Requirements for Improved <i>in vivo</i> Stability in Tracer Design. <i>ChemMedChem</i> , 2018, 13, 241-250.	3.2	36
10	Labeling and Selective Inactivation of Gram-Positive Bacteria Employing Bimodal Photoprobes with Dual Readouts. <i>Chemistry - A European Journal</i> , 2016, 22, 5243-5252.	3.3	34
11	Cre/lox-assisted non-invasive <i>in vivo</i> tracking of specific cell populations by positron emission tomography. <i>Nature Communications</i> , 2017, 8, 444.	12.8	33
12	Synthesis and Evaluation of a Novel Hydroxamate Based Fluorescent Photoprobe for Imaging of Matrix Metalloproteinases. <i>Bioconjugate Chemistry</i> , 2009, 20, 904-912.	3.6	32
13	Enhancing glycan stability <i>via</i> site-selective fluorination: modulating substrate orientation by molecular design. <i>Chemical Science</i> , 2021, 12, 1286-1294.	7.4	24
14	Synthesis and evaluation of a [¹⁸ F]BODIPY-labeled caspase-inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2167-2176.	3.0	23
15	Clinical evaluation of no-carrier-added meta-[¹²³ I]iodobenzylguanidine for myocardial scintigraphy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000, 27, 302-307.	6.4	22
16	Current and Emerging Preclinical Approaches for Imaging-Based Characterization of Atherosclerosis. <i>Molecular Imaging and Biology</i> , 2018, 20, 869-887.	2.6	19
17	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
18	Synthesis of new ligands for targeting the S1P1 receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1011-1026.	3.0	16

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19	Imaging Reveals the Connection Between Spontaneous Coronary Plaque Ruptures, Atherothrombosis, and Myocardial Infarctions in HypoE/SRBI Mice. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1420-1427.	5.0	16
20	Cardiac sympathetic neurotransmission scintigraphy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1998, 25, 435-441.	6.4	15
21	The clinical impact of thallium-201 reinjection for the detection of myocardial hibernation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1996, 23, 407-413.	2.1	14
22	Somatostatin Receptor-Targeted Radioligand Therapy in Head and Neck Paraganglioma. <i>World Neurosurgery</i> , 2020, 143, e391-e399.	1.3	13
23	SPECT- and PET-Based Approaches for Noninvasive Diagnosis of Acute Renal Allograft Rejection. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	10
24	Characterization of the inflammatory post-ischemic tissue by full volumetric analysis of a multimodal imaging dataset. <i>NeuroImage</i> , 2020, 222, 117217.	4.2	10
25	Radiolabeled hydroxamate-based matrix metalloproteinase inhibitors: How chemical modifications affect pharmacokinetics and metabolic stability. <i>Nuclear Medicine and Biology</i> , 2016, 43, 424-437.	0.6	9
26	Novel fluorine-18 labeled 5-(1-pyrrolidinylsulfonyl)-7-azaisatin derivatives as potential PET tracers for in vivo imaging of activated caspases in apoptosis. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5734-5739.	3.0	8
27	Fluorodeoxyglucose F 18 for the Assessment of Acute Intestinal Graft-versus-Host Disease and Prediction of Response to Immunosuppressive Therapy. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 603-610.	1.2	8
28	Proline-based hydroxamates targeting the zinc-dependent deacetylase LpxC: Synthesis, antibacterial properties, and docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1997-2018.	3.0	6
29	Imaging Workup of Suspected Classical Paraneoplastic Neurological Syndromes. <i>Academic Radiology</i> , 2017, 24, 1195-1202.	2.5	5
30	Covalent labeling of immune cells. <i>Current Opinion in Chemical Biology</i> , 2022, 68, 102144.	6.1	3
31	Cardiac sympathetic innervation in a patient with catecholaminergic polymorphic ventricular tachycardia. <i>Heart Rhythm</i> , 2014, 11, 1490-1491.	0.7	2
32	Noninvasive Assessment of Intestinal Graft-Versus-Host Disease Activity by 18F-Fluorodeoxyglucose Positron Emission Tomography. <i>Blood</i> , 2006, 108, 3230-3230.	1.4	0