

Felix M Mottaghy

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

369
papers

18,176
citations

62
h-index

125
g-index

447
ext. papers

21,747
ext. citations

5.1
avg, IF

6.44
L-index

#	Paper	IF	Citations
369	[[Ga]Ga-FAPI uptake correlates with the state of chronic kidney disease.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022 , 1	8.8	0
368	Teaching of Nuclear Cardiology in Times of Pandemic: Transfer of a Case-based Interactive Course from Classroom to Distance Learning.. <i>Nuklearmedizin - NuclearMedicine</i> , 2022 , 61, 6-15	1.8	
367	Multimodal Treatment of Nasopharyngeal Carcinoma in Children, Adolescents and Young Adults-Extended Follow-Up of the NPC-2003-GPOH Study Cohort and Patients of the Interim Cohort.. <i>Cancers</i> , 2022 , 14,	6.6	1
366	Brown adipose tissue activation is not related to hypermetabolism in emphysematous chronic obstructive pulmonary disease patients.. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022 ,	10.3	1
365	The Use of 18F-FET-PET-MRI in Neuro-Oncology: The Best of Both Worlds—A Narrative Review. <i>Diagnostics</i> , 2022 , 12, 1202	3.8	0
364	Radiolabeled Nanocarriers as Theranostics-Advancement from Peptides to Nanocarriers.. <i>Small</i> , 2022 , e2200673	11	1
363	Use of Radionuclide-Based Imaging Methods in Breast Cancer. <i>Seminars in Nuclear Medicine</i> , 2022 ,	5.4	0
362	Preclinical development and characterisation of Tc-NM-01 for SPECT/CT imaging of human PD-L1. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 11, 154-166	2.2	0
361	Value of F-FDG PET/CT for predicting axillary pathologic complete response following neoadjuvant systemic therapy in breast cancer patients: emphasis on breast cancer subtype. <i>EJNMMI Research</i> , 2021 , 11, 116	3.6	0
360	Hybrid total-body pet scanners-current status and future perspectives. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 1	8.8	4
359	Off-target effects of oral anticoagulants - vascular effects of vitamin K antagonist and non-vitamin K antagonist oral anticoagulant dabigatran etexilate. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 1348-1363	15.4	5
358	Change of Apoptosis and Glucose Metabolism in Lung Cancer Xenografts during Cytotoxic and Anti-Angiogenic Therapy Assessed by Annexin V Based Optical Imaging and F-FDG-PET/CT. <i>Contrast Media and Molecular Imaging</i> , 2021 , 2021, 6676337	3.2	1
357	The Effects of In-Plane Spatial Resolution on CT-Based Radiomic Features—Stability with and without ComBat Harmonization. <i>Cancers</i> , 2021 , 13,	6.6	11
356	F-Fluorothymidine PET is an early and superior predictor of progression-free survival following chemoimmunotherapy of diffuse large B cell lymphoma: a multicenter study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2883-2893	8.8	5
355	The application of a workflow integrating the variable reproducibility and harmonizability of radiomic features on a phantom dataset. <i>PLoS ONE</i> , 2021 , 16, e0251147	3.7	4
354	Lesion-Function Analysis from Multimodal Imaging and Normative Brain Atlases for Prediction of Cognitive Deficits in Glioma Patients. <i>Cancers</i> , 2021 , 13,	6.6	1
353	Molecular Imaging of Angiogenesis in Oncology: Current Preclinical and Clinical Status. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6

352	Non-invasive molecular imaging of kidney diseases. <i>Nature Reviews Nephrology</i> , 2021 , 17, 688-703	14.9	4
351	Reply to Orhac, F.; Buvat, I. Comment on "Ibrahim et al. The Effects of In-Plane Spatial Resolution on CT-Based Radiomic Features Stability with and without ComBat Harmonization. <i>2021</i> , , 1848". <i>Cancers</i> , 2021 , 13,	6.6	1
350	Positron emission tomography/computed tomography in the management of Hodgkin and B-cell non-Hodgkin lymphoma: An update. <i>Cancer</i> , 2021 , 127, 3727-3741	6.4	2
349	2-[F]FDG PET/CT radiomics in lung cancer: An overview of the technical aspect and its emerging role in management of the disease. <i>Methods</i> , 2021 , 188, 84-97	4.6	8
348	Radiomics for precision medicine: Current challenges, future prospects, and the proposal of a new framework. <i>Methods</i> , 2021 , 188, 20-29	4.6	46
347	Radiomics in neuro-oncology: Basics, workflow, and applications. <i>Methods</i> , 2021 , 188, 112-121	4.6	38
346	Current trends in the use of O-(2-[F]fluoroethyl)-L-tyrosine ([F]FET) in neurooncology. <i>Nuclear Medicine and Biology</i> , 2021 , 92, 78-84	2.1	11
345	HER2-directed antibodies, affibodies and nanobodies as drug-delivery vehicles in breast cancer with a specific focus on radioimmunotherapy and radioimmunoimaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 1371-1389	8.8	14
344	Sequential implementation of DSC-MR perfusion and dynamic [F]FET PET allows efficient differentiation of glioma progression from treatment-related changes. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 1956-1965	8.8	6
343	Combined F-FET PET and diffusion kurtosis MRI in posttreatment glioblastoma: differentiation of true progression from treatment-related changes. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab044	0.9	1
342	Sodium [F]Fluoride PET Can Efficiently Monitor In Vivo Atherosclerotic Plaque Calcification Progression and Treatment. <i>Cells</i> , 2021 , 10,	7.9	5
341	Use of full-dose contrast-enhanced CT for extrahepatic staging using Gallium-68-DOTATATE PET/CT in patients with neuroendocrine tumors. <i>Diagnostic and Interventional Radiology</i> , 2021 , 27, 573-579	3.2	0
340	Protease Responsive Nanogels for Transcytosis across the Blood-Brain Barrier and Intracellular Delivery of Radiopharmaceuticals to Brain Tumor Cells. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100812	10.1	1
339	F-FET-PET-guided gross total resection improves overall survival in patients with WHO grade III/IV glioma: moving towards a multimodal imaging-guided resection. <i>Journal of Neuro-Oncology</i> , 2021 , 155, 71-80	4.8	2
338	Potential for a theranostic approach targeting cancer associated fibroblasts 2021 ,		
337	Investigation of Cerebral O-(2-[F]Fluoroethyl)-L-Tyrosine Uptake in Rat Epilepsy Models. <i>Molecular Imaging and Biology</i> , 2020 , 22, 1255-1265	3.8	2
336	Locking and loading the bullet against micro-calcification. <i>European Journal of Preventive Cardiology</i> , 2020 , 2047487320911138	3.9	4
335	Advancements in PARP1 Targeted Nuclear Imaging and Theranostic Probes. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	11

334	Multiphasic Ga-PSMA PET/CT in the Detection of Early Recurrence in Prostate Cancer Patients with a PSA Level of Less Than 1 ng/mL: A Prospective Study of 135 Patients. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 1484-1490	8.9	17
333	Evaluation of SPECT/CT in the assessment of inflammatory jaw pathologies. <i>European Journal of Radiology</i> , 2020 , 125, 108917	4.7	5
332	Flare Phenomenon in -(2-F-Fluoroethyl)-l-Tyrosine PET After Resection of Gliomas. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 1294-1299	8.9	5
331	Hepatic candidiasis mimicking lymphoma on F-FDG PET/CT in a patient with T cell lymphoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 2925-2926	8.8	2
330	Contemporary considerations in adjuvant radioiodine treatment of adults with differentiated thyroid cancer. <i>International Journal of Cancer</i> , 2020 , 147, 2345-2354	7.5	3
329	High uptake of Ga-PSMA and F-DCFPyL in the peritumoral area of rat gliomas due to activated astrocytes. <i>EJNMMI Research</i> , 2020 , 10, 55	3.6	7
328	Pilot study of a newly developed eLearning tool to teach CT and PET/CT in radiology and nuclear medicine. <i>Nuklearmedizin - NuclearMedicine</i> , 2020 , 59, 79-84	1.8	2
327	Brown adipose tissue uptake of triglyceride-rich lipoprotein-derived fatty acids in diabetic or obese mice under different temperature conditions. <i>EJNMMI Research</i> , 2020 , 10, 127	3.6	1
326	Radionuclide tumor necrosis factor-alpha activity in herniated lumbar disc correlates with severe leg pain. <i>Surgical Neurology International</i> , 2020 , 11, 344	1	
325	An international multi-center investigation on the accuracy of radionuclide calibrators in nuclear medicine theragnostics. <i>EJNMMI Physics</i> , 2020 , 7, 69	4.4	3
324	Performance of severity parameters to detect chemotherapy-induced pain and distress in mice. <i>Laboratory Animals</i> , 2020 , 54, 452-460	2.6	4
323	Nitroglycerin as a radiosensitizer in non-small cell lung cancer: Results of a prospective imaging-based phase II trial. <i>Clinical and Translational Radiation Oncology</i> , 2020 , 21, 49-55	4.6	7
322	Inflammation-Based Index and Ga-DOTATOC PET-Derived Uptake and Volumetric Parameters Predict Outcome in Neuroendocrine Tumor Patients Treated with Y-DOTATOC. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 1014-1020	8.9	11
321	Advantages and limitations of amino acid PET for tracking therapy response in glioma patients. <i>Expert Review of Neurotherapeutics</i> , 2020 , 20, 137-146	4.3	1
320	Magnetic resonance imaging of carotid plaques: current status and clinical perspectives. <i>Annals of Translational Medicine</i> , 2020 , 8, 1266	3.2	8
319	Development of Radiotracers for Breast Cancer-The Tumor Microenvironment as an Emerging Target. <i>Cells</i> , 2020 , 9,	7.9	3
318	Ceramide analog [F]F-HPA-12 detects sphingolipid disbalance in the brain of Alzheimer® disease transgenic mice by functioning as a metabolic probe. <i>Scientific Reports</i> , 2020 , 10, 19354	4.9	1
317	Lower [F]fallypride binding to dopamine D receptors in frontal brain areas in adults with 22q11.2 deletion syndrome: a positron emission tomography study. <i>Psychological Medicine</i> , 2020 , 50, 799-807	6.9	1

316	F-FET PET Imaging in Differentiating Glioma Progression from Treatment-Related Changes: A Single-Center Experience. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 505-511	8.9	22
315	Assessment of Chemotherapy-Induced Organ Damage with Ga-68 Labeled Duramycin. <i>Molecular Imaging and Biology</i> , 2020 , 22, 623-633	3.8	11
314	Targeting of prostate-specific membrane antigen for radio-ligand therapy of triple-negative breast cancer. <i>Breast Cancer Research</i> , 2019 , 21, 116	8.3	13
313	Female Patient with Simultaneous Occurrence of Subacute Thyroiditis and Focal Autonomy. <i>Nuklearmedizin - NuclearMedicine</i> , 2019 , 58, 401-402	1.8	
312	Ga-PSMA PET/CT for monitoring response to Lu-PSMA-617 radioligand therapy in patients with metastatic castration-resistant prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 1054-1062	8.8	33
311	Modulation of Fronto-Striatal Functional Connectivity Using Transcranial Magnetic Stimulation. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 190	3.3	9
310	Radiomics Analysis for Clinical Decision Support in Nuclear Medicine. <i>Seminars in Nuclear Medicine</i> , 2019 , 49, 438-449	5.4	25
309	MR and PET-CT monitoring of tissue-engineered vascular grafts in the ovine carotid artery. <i>Biomaterials</i> , 2019 , 216, 119228	15.6	15
308	Characterization of BAT activity in rats using invasive and non-invasive techniques. <i>PLoS ONE</i> , 2019 , 14, e0215852	3.7	3
307	Stability of radiomics features in apparent diffusion coefficient maps from a multi-centre test-retest trial. <i>Scientific Reports</i> , 2019 , 9, 4800	4.9	52
306	TSH suppression aggravates arterial inflammation - an F-FDG PET study in thyroid carcinoma patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 1428-1438	8.8	1
305	Characterizing geometrical accuracy in clinically optimised 7T and 3T magnetic resonance images for high-precision radiation treatment of brain tumours. <i>Physics and Imaging in Radiation Oncology</i> , 2019 , 9, 35-42	3.1	10
304	A comparison of four radionuclide dose calibrators using various radionuclides and measurement geometries clinically used in nuclear medicine. <i>Physica Medica</i> , 2019 , 60, 14-21	2.7	10
303	EANM procedure guidelines for radionuclide therapy with Lu-labelled PSMA-ligands (Lu-PSMA-RLT). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 2536-2544	8.8	136
302	Peripheral ganglia in healthy rats as target structures for the evaluation of PSMA imaging agents. <i>BMC Cancer</i> , 2019 , 19, 633	4.8	3
301	Successful palliative peptide receptor radionuclide therapy for impending compression of vena cava due to unresectable liver metastasis of neuroendocrine tumor. <i>EXCLI Journal</i> , 2019 , 18, 273-276	2.4	1
300	Prostate-specific membrane antigen radioligand therapy of prostate cancer. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 63, 29-36	1.4	6
299	Molecular imaging of bone metastases using tumor-targeted tracers. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 63, 136-149	1.4	4

298	Entwicklung eines kompetenzbasierten Lernzielkatalogs Nuklearmedizin für das Studium der Humanmedizin in Deutschland. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019 , 42, 274-282	0.1	
297	Short-term discontinuation of vagal nerve stimulation alters F-FDG blood pool activity: an exploratory interventional study in epilepsy patients. <i>EJNMMI Research</i> , 2019 , 9, 101	3.6	0
296	[F]BODIPY-triglyceride-containing chylomicron-like particles as an imaging agent for brown adipose tissue in vivo. <i>Scientific Reports</i> , 2019 , 9, 2706	4.9	11
295	Intraindividual comparison of selective intraarterial versus systemic intravenous ⁶⁸ Ga-DOTATATE PET/CT in patients with inoperable meningioma. <i>Nuklearmedizin - NuclearMedicine</i> , 2019 , 58, 23-27	1.8	8
294	Performing clinical ¹⁸ F-FDG-PET/MRI of the mediastinum optimising a dedicated, patient-friendly protocol. <i>Nuclear Medicine Communications</i> , 2019 , 40, 815-826	1.6	2
293	Target identification for the diagnosis and intervention of vulnerable atherosclerotic plaques beyond F-fluorodeoxyglucose positron emission tomography imaging: promising tracers on the horizon. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 251-265	8.8	18
292	Intensity-modulated radiotherapy of prostate cancer with simultaneous integrated boost after molecular imaging with ¹⁸ F-choline-PET/CT : Clinical results and quality of life. <i>Strahlentherapie Und Onkologie</i> , 2018 , 194, 638-645	4.3	13
291	Impact of Glutathione Modulation on Stability and Pharmacokinetic Profile of Redox-Sensitive Nanogels. <i>Small</i> , 2018 , 14, e1704093	11	15
290	Evaluation of a Pretargeting Strategy for Molecular Imaging of the Prostate Stem Cell Antigen with a Single Chain Antibody. <i>Scientific Reports</i> , 2018 , 8, 3755	4.9	9
289	Relevant tumor sink effect in prostate cancer patients receiving ¹⁷⁷ Lu-PSMA-617 radioligand therapy. <i>Nuklearmedizin - NuclearMedicine</i> , 2018 , 57, 19-25	1.8	16
288	Intact striatal dopaminergic modulation of reward learning and daily-life reward-oriented behavior in first-degree relatives of individuals with psychotic disorder. <i>Psychological Medicine</i> , 2018 , 48, 1909-1914	6.9	12
287	Modulation of glutathione promotes apoptosis in triple-negative breast cancer cells. <i>FASEB Journal</i> , 2018 , 32, 2803-2813	0.9	25
286	The role of striatal dopamine D receptors in cognitive performance in drug-free patients with schizophrenia. <i>Psychopharmacology</i> , 2018 , 235, 2221-2232	4.7	13
285	Striatal dopamine release and impaired reinforcement learning in adults with 22q11.2 deletion syndrome. <i>European Neuropsychopharmacology</i> , 2018 , 28, 732-742	1.2	6
284	Imaging approaches to understand disease complexity: chronic obstructive pulmonary disease as a clinical model. <i>Journal of Applied Physiology</i> , 2018 , 124, 512-520	3.7	4
283	Added value of dedicated axillary hybrid ¹⁸ F-FDG PET/MRI for improved axillary nodal staging in clinically node-positive breast cancer patients: a feasibility study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 179-186	8.8	20
282	In vivo Molecular Imaging of Glutamate Carboxypeptidase II Expression in Re-endothelialisation after Percutaneous Balloon Denudation in a Rat Model. <i>Scientific Reports</i> , 2018 , 8, 7411	4.9	5
281	Impact of prompt gamma coincidence correction on absorbed dose estimation in differentiated thyroid cancer using ¹²⁴ I PET/CT imaging. <i>Nuclear Medicine Communications</i> , 2018 , 39, 1156-1164	1.6	3

280	Daily-life stress differentially impacts ventral striatal dopaminergic modulation of reward processing in first-degree relatives of individuals with psychosis. <i>European Neuropsychopharmacology</i> , 2018 , 28, 1314-1324	1.2	3
279	Ga-PSMA PET/CT: Joint EANM and SNMMI procedure guideline for prostate cancer imaging: version 1.0. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 1014-1024	8.8	399
278	Molecularly targeted therapies in cancer: a guide for the nuclear medicine physician. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 41-54	8.8	35
277	Striatal dopaminergic modulation of reinforcement learning predicts reward-oriented behavior in daily life. <i>Biological Psychology</i> , 2017 , 127, 1-9	3.2	47
276	Dual addressing of thymidine synthesis pathways for effective targeting of proliferating melanoma. <i>Cancer Medicine</i> , 2017 , 6, 1639-1651	4.8	6
275	Potential of α 7 nicotinic acetylcholine receptor PET imaging in atherosclerosis. <i>Methods</i> , 2017 , 130, 90-104	4.6	11
274	Brown adipose tissue and lipid metabolism imaging. <i>Methods</i> , 2017 , 130, 105-113	4.6	14
273	Imaging of amino acid transport in brain tumours: Positron emission tomography with O-(2-[F]fluoroethyl)-L-tyrosine (FET). <i>Methods</i> , 2017 , 130, 124-134	4.6	55
272	Hybrid F-FDG PET/MRI might improve locoregional staging of breast cancer patients prior to neoadjuvant chemotherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 1796-1805	8.8	16
271	Feasibility of in vivo F-florbetaben PET/MR imaging of human carotid amyloid- β . <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 1119-1128	8.8	14
270	O-(2-18F-fluoroethyl)-L-tyrosine PET for evaluation of brain metastasis recurrence after radiotherapy: an effectiveness and cost-effectiveness analysis. <i>Neuro-Oncology</i> , 2017 , 19, 1271-1278	1	16
269	Consequences of radiopharmaceutical extravasation and therapeutic interventions: a systematic review. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 1234-1243	8.8	21
268	The reconstruction algorithm used for [Ga]PSMA-HBED-CC PET/CT reconstruction significantly influences the number of detected lymph node metastases and coeliac ganglia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 662-669	8.8	9
267	Radiomics: the bridge between medical imaging and personalized medicine. <i>Nature Reviews Clinical Oncology</i> , 2017 , 14, 749-762	19.4	1576
266	Synthesis, Radiosynthesis, and Preliminary in vitro and in vivo Evaluation of the Fluorinated Ceramide Trafficking Inhibitor (HPA-12) for Brain Applications. <i>Journal of Alzheimer's Disease</i> , 2017 , 60, 783-794	4.3	6
265	Synthesis, radiosynthesis and in vitro evaluation of 18F-Bodipy-C16/triglyceride as a dual modal imaging agent for brown adipose tissue. <i>PLoS ONE</i> , 2017 , 12, e0182297	3.7	12
264	O-(2-[F]fluoroethyl)-L-tyrosine PET in gliomas: influence of data processing in different centres. <i>EJNMMI Research</i> , 2017 , 7, 64	3.6	11
263	PSA levels, PSA doubling time, Gleason score and prior therapy cannot predict measured uptake of [68Ga]PSMA-HBED-CC lesion uptake in recurrent/metastatic prostate cancer. <i>Nuklearmedizin - Nuclear Medicine</i> , 2017 , 56, 225-232	1.8	5

262	quantification of amyloid burden in TTR-related cardiac amyloidosis. <i>Intractable and Rare Diseases Research</i> , 2017 , 6, 291-294	1.4	1
261	Predicting tumor hypoxia in non-small cell lung cancer by combining CT, FDG PET and dynamic contrast-enhanced CT. <i>Acta Oncologica</i> , 2017 , 56, 1591-1596	3.2	13
260	Prediction of time-integrated activity coefficients in PRRT using simulated dynamic PET and a pharmacokinetic model. <i>Physica Medica</i> , 2017 , 42, 298-304	2.7	7
259	Theranostic and nanotheranostic probes in nuclear medicine. <i>Methods</i> , 2017 , 130, 14-22	4.6	27
258	Hypoxia and hypoxia response-associated molecular markers in esophageal cancer: A systematic review. <i>Methods</i> , 2017 , 130, 51-62	4.6	31
257	Clustering of multi-parametric functional imaging to identify high-risk subvolumes in non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2017 , 125, 379-384	5.3	14
256	Biological Evaluation of l-Tyrosine Labelled with fac-[^{99m} Tc(CO) ₃] ⁺ at a para-OH-Coupled 2,3-Diaminopropionic Acid Based Chelator. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1772-1777	2.3	2
255	Multistage Passive and Active Delivery of Radiolabeled Nanogels for Superior Tumor Penetration Efficiency. <i>Biomacromolecules</i> , 2017 , 18, 2489-2498	6.9	12
254	German Multicenter Study Investigating ¹⁷⁷ Lu-PSMA-617 Radioligand Therapy in Advanced Prostate Cancer Patients. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 85-90	8.9	478
253	A liver nodule in a patient transplanted for primary sclerosing cholangitis: an interdisciplinary diagnostic approach. <i>Zeitschrift Fur Gastroenterologie</i> , 2017 , 55, 56-62	1.6	2
252	Treatment planning in PRRT based on simulated PET data and a PBPK model. Determination of accuracy using a PET noise model. <i>Nuklearmedizin - NuclearMedicine</i> , 2017 , 56, 23-30	1.8	7
251	Use of Cyclic Backbone NGR-Based SPECT to Increase Efficacy of Postmyocardial Infarction Angiogenesis Imaging. <i>Contrast Media and Molecular Imaging</i> , 2017 , 2017, 8638549	3.2	3
250	Quantitative assessment of Zirconium-89 labeled cetuximab using PET/CT imaging in patients with advanced head and neck cancer: a theragnostic approach. <i>Oncotarget</i> , 2017 , 8, 3870-3880	3.3	30
249	Radioiodinated indomethacin amide for molecular imaging of cyclooxygenase-2 expressing tumors. <i>Oncotarget</i> , 2017 , 8, 18059-18069	3.3	5
248	Quantitative performance evaluation of I PET/MRI lesion dosimetry in differentiated thyroid cancer. <i>Physics in Medicine and Biology</i> , 2017 , 63, 015014	3.8	6
247	Multiparametric imaging of patient and tumour heterogeneity in non-small-cell lung cancer: quantification of tumour hypoxia, metabolism and perfusion. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 240-248	8.8	50
246	Comparison of diagnostic accuracy of (¹¹¹ In)-pentetate SPECT and (⁶⁸ Ga)-DOTATOC PET/CT: A lesion-by-lesion analysis in patients with metastatic neuroendocrine tumours. <i>European Radiology</i> , 2016 , 26, 900-9	8	63
245	SPECT and PET imaging of angiogenesis and arteriogenesis in pre-clinical models of myocardial ischemia and peripheral vascular disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 2433-2447	8.8	18

244	225Ac-PSMA-617 for PSMA-Targeted Radiation Therapy of Metastatic Castration-Resistant Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1941-1944	8.9	497
243	Sensitivity Analysis of a Physiologically Based Pharmacokinetic Model Used for Treatment Planning in Peptide Receptor Radionuclide Therapy. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2016 , 31, 217-249	3.9	5
242	Assessing the Intracellular Integrity of Phosphine-Stabilized Ultrasmall Cytotoxic Gold Nanoparticles Enabled by Fluorescence Labeling. <i>Advanced Healthcare Materials</i> , 2016 , 5, 3118-3128	10.1	5
241	Comparison of LDPI to SPECT perfusion imaging using (99m)Tc-sestamibi and (99m)Tc-pyrophosphate in a murine ischemic hind limb model of neovascularization. <i>EJNMMI Research</i> , 2016 , 6, 44	3.6	5
240	Imaging Intraplaque Inflammation in Carotid Atherosclerosis With 18F-Fluorocholine Positron Emission Tomography-Computed Tomography: Prospective Study on Vulnerable Atheroma With Immunohistochemical Validation. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	28
239	The EANM practice guidelines for bone scintigraphy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 1723-38	8.8	175
238	Evaluation of tumour hypoxia during radiotherapy using [F]HX4 PET imaging and blood biomarkers in patients with head and neck cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 2139-2146	8.8	39
237	Dependence of treatment planning accuracy in peptide receptor radionuclide therapy on the sampling schedule. <i>EJNMMI Research</i> , 2016 , 6, 30	3.6	11
236	Diffuse Large B-Cell Lymphoma: Prospective Multicenter Comparison of Early Interim FLT PET/CT versus FDG PET/CT with IHP, EORTC, Deauville, and PERCIST Criteria for Early Therapeutic Monitoring. <i>Radiology</i> , 2016 , 280, 220-9	20.5	30
235	Dose-Response Relationship in Differentiated Thyroid Cancer Patients Undergoing Radioiodine Treatment Assessed by Means of 124I PET/CT. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1027-32	8.9	52
234	Effects of Smoking Cessation on Presynaptic Dopamine Function of Addicted Male Smokers. <i>Biological Psychiatry</i> , 2016 , 80, 198-206	7.9	33
233	Short-term Cold Acclimation Recruits Brown Adipose Tissue in Obese Humans. <i>Diabetes</i> , 2016 , 65, 1179-89	8.9	178
232	The role of patient-based treatment planning in peptide receptor radionuclide therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 871-880	8.8	28
231	Extent of disease in recurrent prostate cancer determined by [(68)Ga]PSMA-HBED-CC PET/CT in relation to PSA levels, PSA doubling time and Gleason score. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 397-403	8.8	137
230	MAOA-VNTR polymorphism modulates context-dependent dopamine release and aggressive behavior in males. <i>NeuroImage</i> , 2016 , 125, 378-385	7.9	36
229	Early-Life Stress Affects Stress-Related Prefrontal Dopamine Activity in Healthy Adults, but Not in Individuals with Psychotic Disorder. <i>PLoS ONE</i> , 2016 , 11, e0150746	3.7	11
228	Fractionated Radiotherapy with 3 x 8 Gy Induces Systemic Anti-Tumour Responses and Abscopal Tumour Inhibition without Modulating the Humoral Anti-Tumour Response. <i>PLoS ONE</i> , 2016 , 11, e0159515	3.7	26
227	Dynamic 68Ga-DOTATOC PET/CT and static image in NET patients. Correlation of parameters during PRRT. <i>Nuklearmedizin - NuclearMedicine</i> , 2016 , 55, 104-14	1.8	5

226	Left ventricular function measurements in a mouse myocardial infarction model. Comparison between 3D-echocardiography and ECG-gated SPECT. <i>Nuklearmedizin - NuclearMedicine</i> , 2016 , 55, 115-221.8	6
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