

# Felix M Mottaghy

## List of Publications by Citations

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369  
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h-index

125  
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447  
ext. papers

21,747  
ext. citations

5.1  
avg, IF

6.44  
L-index

#	Paper	IF	Citations
369	Radiomics: the bridge between medical imaging and personalized medicine. <i>Nature Reviews Clinical Oncology</i> , <b>2017</b> , 14, 749-762	19.4	1576
368	Use of positron emission tomography for response assessment of lymphoma: consensus of the Imaging Subcommittee of International Harmonization Project in Lymphoma. <i>Journal of Clinical Oncology</i> , <b>2007</b> , 25, 571-8	2.2	1113
367	FDG PET and PET/CT: EANM procedure guidelines for tumour PET imaging: version 1.0. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2010</b> , 37, 181-200	8.8	959
366	Cold acclimation recruits human brown fat and increases nonshivering thermogenesis. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 3395-403	15.9	543
365	225Ac-PSMA-617 for PSMA-Targeted Radiation Therapy of Metastatic Castration-Resistant Prostate Cancer. <i>Journal of Nuclear Medicine</i> , <b>2016</b> , 57, 1941-1944	8.9	497
364	German Multicenter Study Investigating 177Lu-PSMA-617 Radioligand Therapy in Advanced Prostate Cancer Patients. <i>Journal of Nuclear Medicine</i> , <b>2017</b> , 58, 85-90	8.9	478
363	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> , <b>2017</b> , 44, 1014-1024	8.8	399
362	MRI-based attenuation correction for hybrid PET/MRI systems: a 4-class tissue segmentation technique using a combined ultrashort-echo-time/Dixon MRI sequence. <i>Journal of Nuclear Medicine</i> , <b>2012</b> , 53, 796-804	8.9	365
361	Detection of bone metastases in patients with lung cancer: 99mTc-MDP planar bone scintigraphy, 18F-fluoride PET or 18F-FDG PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 1807-12	8.8	357
360	Short-term cold acclimation improves insulin sensitivity in patients with type 2 diabetes mellitus. <i>Nature Medicine</i> , <b>2015</b> , 21, 863-5	50.5	335
359	Phase-specific modulation of cortical motor output during movement observation. <i>NeuroReport</i> , <b>2001</b> , 12, 1489-92	1.7	326
358	Response assessment of aggressive non-Hodgkin's lymphoma by integrated International Workshop Criteria and fluorine-18-fluorodeoxyglucose positron emission tomography. <i>Journal of Clinical Oncology</i> , <b>2005</b> , 23, 4652-61	2.2	314
357	GLUT1 mutations are a cause of paroxysmal exertion-induced dyskinesias and induce hemolytic anemia by a cation leak. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 2157-68	15.9	263
356	Automatic, three-segment, MR-based attenuation correction for whole-body PET/MR data. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2011</b> , 38, 138-52	8.8	261
355	The Bile Acid Chenodeoxycholic Acid Increases Human Brown Adipose Tissue Activity. <i>Cell Metabolism</i> , <b>2015</b> , 22, 418-26	24.6	237
354	Short-term Cold Acclimation Recruits Brown Adipose Tissue in Obese Humans. <i>Diabetes</i> , <b>2016</b> , 65, 1179-89		178
353	The EANM practice guidelines for bone scintigraphy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2016</b> , 43, 1723-38	8.8	175

352	MRI for attenuation correction in PET: methods and challenges. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2013</b> , 26, 99-113	2.8	167
351	Molecular imaging of proliferation in malignant lymphoma. <i>Cancer Research</i> , <b>2006</b> , 66, 11055-61	10.1	158
350	Modulation of premotor mirror neuron activity during observation of unpredictable grasping movements. <i>European Journal of Neuroscience</i> , <b>2004</b> , 20, 2193-202	3.5	156
349	Modulation of input-output curves by low and high frequency repetitive transcranial magnetic stimulation of the motor cortex. <i>Clinical Neurophysiology</i> , <b>2002</b> , 113, 1249-57	4.3	156
348	Episodic retrieval activates the precuneus irrespective of the imagery content of word pair associates. A PET study. <i>Brain</i> , <b>1999</b> , 122 ( Pt 2), 255-63	11.2	155
347	Facilitation of picture naming by focal transcranial magnetic stimulation of Wernicke's area. <i>Experimental Brain Research</i> , <b>1998</b> , 121, 371-8	2.3	142
346	Functional magnetic resonance imaging detects activation of the visual association cortex during laser acupuncture of the foot in humans. <i>Neuroscience Letters</i> , <b>2002</b> , 327, 53-6	3.3	141
345	Grammatical distinctions in the left frontal cortex. <i>Journal of Cognitive Neuroscience</i> , <b>2001</b> , 13, 713-20	3.1	138
344	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> , <b>2016</b> , 43, 397-403	8.8	137
343	EANM procedure guidelines for radionuclide therapy with Lu-labelled PSMA-ligands (Lu-PSMA-RLT). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2019</b> , 46, 2536-2544	8.8	136
342	[(68)Ga]PSMA-HBED uptake mimicking lymph node metastasis in coeliac ganglia: an important pitfall in clinical practice. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2015</b> , 42, 210-4	8.8	134
341	Prospective evaluation of 11C-choline positron emission tomography/computed tomography and diffusion-weighted magnetic resonance imaging for the nodal staging of prostate cancer with a high risk of lymph node metastases. <i>European Urology</i> , <b>2011</b> , 60, 125-30	10.2	128
340	Visual cortex excitability increases during visual mental imagery--a TMS study in healthy human subjects. <i>Brain Research</i> , <b>2002</b> , 938, 92-7	3.7	128
339	Modulation of the neuronal circuitry subserving working memory in healthy human subjects by repetitive transcranial magnetic stimulation. <i>Neuroscience Letters</i> , <b>2000</b> , 280, 167-70	3.3	126
338	Low brown adipose tissue activity in endurance-trained compared with lean sedentary men. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 1696-702	5.5	123
337	Evaluation of [11C]-choline positron-emission/computed tomography in patients with increasing prostate-specific antigen levels after primary treatment for prostate cancer. <i>BJU International</i> , <b>2007</b> , 100, 786-93	5.6	121
336	Brown adipose tissue activity after a high-calorie meal in humans. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 98, 57-64	7	118
335	Segregation of areas related to visual working memory in the prefrontal cortex revealed by rTMS. <i>Cerebral Cortex</i> , <b>2002</b> , 12, 369-75	5.1	116

334	Correlation of cerebral blood flow and treatment effects of repetitive transcranial magnetic stimulation in depressed patients. <i>Psychiatry Research - Neuroimaging</i> , <b>2002</b> , 115, 1-14	2.9	114
333	Facilitation of picture naming after repetitive transcranial magnetic stimulation. <i>Neurology</i> , <b>1999</b> , 53, 1806-12	6.5	113
332	Dissociating neural correlates for nouns and verbs. <i>NeuroImage</i> , <b>2005</b> , 24, 1058-67	7.9	102
331	Does caffeine modulate verbal working memory processes? An fMRI study. <i>NeuroImage</i> , <b>2008</b> , 39, 492-9	7.9	94
330	(18)F-NaF PET/CT: EANM procedure guidelines for bone imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2015</b> , 42, 1767-1777	8.8	93
329	Noninvasive brain stimulation with transcranial magnetic or direct current stimulation (TMS/tDCS)-From insights into human memory to therapy of its dysfunction. <i>Methods</i> , <b>2008</b> , 44, 329-37	4.6	93
328	First evidence of PSMA expression in differentiated thyroid cancer using [ <sup>68</sup> Ga]PSMA-HBED-CC PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2015</b> , 42, 1622-3	8.8	92
327	Clinical relevance of imaging proliferative activity in lung nodules. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2005</b> , 32, 525-33	8.8	92
326	Comparative analysis of brain structure, metabolism, and cognition in myotonic dystrophy 1 and 2. <i>Neurology</i> , <b>2010</b> , 74, 1108-17	6.5	87
325	Topographic segregation and convergence of verbal, object, shape and spatial working memory in humans. <i>Neuroscience Letters</i> , <b>2002</b> , 323, 156-60	3.3	87
324	On the relationship between glomerular filtration rate and serum creatinine in children. <i>Pediatric Nephrology</i> , <b>2010</b> , 25, 927-34	3.2	84
323	Modulatory effects on human sensorimotor cortex by whole-hand afferent electrical stimulation. <i>Neurology</i> , <b>2004</b> , 62, 2262-9	6.5	80
322	Molecular imaging of cell death. <i>Methods</i> , <b>2009</b> , 48, 178-87	4.6	79
321	Repetitive transcranial magnetic stimulation effects on language function depend on the stimulation parameters. <i>Journal of Clinical Neurophysiology</i> , <b>2001</b> , 18, 326-30	2.2	78
320	[(11)C]choline PET/CT in prostate cancer patients with biochemical recurrence after radical prostatectomy. <i>World Journal of Urology</i> , <b>2009</b> , 27, 619-25	4	77
319	[11C]Choline PET/CT for targeted salvage lymph node dissection in patients with biochemical recurrence after primary curative therapy for prostate cancer. Preliminary results of a prospective study. <i>Urologia Internationalis</i> , <b>2008</b> , 81, 191-7	1.9	77
318	Hypoxia imaging with [ <sup>18</sup> F]HX4 PET in NSCLC patients: defining optimal imaging parameters. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 109, 58-64	5.3	73
317	Additional value of PET-CT in staging of clinical stage IIB and III breast cancer. <i>Breast Journal</i> , <b>2010</b> , 16, 617-24	1.2	71

316	Chronometry of parietal and prefrontal activations in verbal working memory revealed by transcranial magnetic stimulation. <i>NeuroImage</i> , <b>2003</b> , 18, 565-75	7.9	70
315	Systems level modeling of a neuronal network subserving intrinsic alertness. <i>NeuroImage</i> , <b>2006</b> , 29, 225-33	7.3	69
314	Clinical value of 18-fluorine-fluorodihydroxyphenylalanine positron emission tomography/computed tomography in the follow-up of medullary thyroid carcinoma. <i>Thyroid</i> , <b>2010</b> , 20, 527-33	6.2	67
313	Functional magnetic resonance imaging of the human sensorimotor cortex using a novel vibrotactile stimulator. <i>NeuroImage</i> , <b>2002</b> , 17, 421-30	7.9	67
312	In vivo quantification of hypoxic and metabolic status of NSCLC tumors using [18F]HX4 and [18F]FDG-PET/CT imaging. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 6389-97	12.9	66
311	Implication of 2-18fluor-2-deoxyglucose positron emission tomography in the follow-up of Hürthle cell thyroid cancer. <i>Thyroid</i> , <b>2002</b> , 12, 155-61	6.2	66
310	Imaging cold-activated brown adipose tissue using dynamic T2*-weighted magnetic resonance imaging and 2-deoxy-2-[18F]fluoro-D-glucose positron emission tomography. <i>Investigative Radiology</i> , <b>2013</b> , 48, 708-14	10.1	65
309	Comparison of diagnostic accuracy of (111)In-pentetreotide SPECT and (68)Ga-DOTATOC PET/CT: A lesion-by-lesion analysis in patients with metastatic neuroendocrine tumours. <i>European Radiology</i> , <b>2016</b> , 26, 900-9	8	63
308	Dopaminergic dysfunction in attention deficit hyperactivity disorder (ADHD), differences between pharmacologically treated and never treated young adults: a 3,4-dihydroxy-6-[18F]fluorophenyl-L-alanine PET study. <i>NeuroImage</i> , <b>2008</b> , 41, 718-27	7.9	62
307	Brain activation patterns during a selective attention test--a functional MRI study in healthy volunteers and unmedicated patients during an acute episode of schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2007</b> , 154, 31-40	2.9	62
306	Evidence of a modality-dependent role of the cerebellum in working memory? An fMRI study comparing verbal and abstract n-back tasks. <i>NeuroImage</i> , <b>2009</b> , 47, 2073-82	7.9	61
305	Glucose uptake in human brown adipose tissue is impaired upon fasting-induced insulin resistance. <i>Diabetologia</i> , <b>2015</b> , 58, 586-95	10.3	58
304	Molecular imaging of brown adipose tissue in health and disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2014</b> , 41, 776-91	8.8	58
303	Fatty acid synthase overexpression: target for therapy and reversal of chemoresistance in ovarian cancer. <i>Journal of Translational Medicine</i> , <b>2015</b> , 13, 146	8.5	58
302	Brain activation patterns during a selective attention test-a functional MRI study in healthy volunteers and patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2003</b> , 123, 1-15	2.9	58
301	Imaging of amino acid transport in brain tumours: Positron emission tomography with O-(2-[F]fluoroethyl)-L-tyrosine (FET). <i>Methods</i> , <b>2017</b> , 130, 124-134	4.6	55
300	First demonstration of leukemia imaging with the proliferation marker 18F-fluorodeoxythymidine. <i>Journal of Nuclear Medicine</i> , <b>2008</b> , 49, 1756-62	8.9	55
299	Clinical value of 18F-fluorodihydroxyphenylalanine positron emission tomography/computed tomography (18F-DOPA PET/CT) for detecting pheochromocytoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2010</b> , 37, 484-93	8.8	54

298	Final analysis of a prospective trial on functional imaging for nodal staging in patients with prostate cancer at high risk for lymph node involvement. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2015</b> , 33, 109.e23-31	2.8	53
297	Human brain structures related to plantar vibrotactile stimulation: a functional magnetic resonance imaging study. <i>NeuroImage</i> , <b>2006</b> , 29, 923-9	7.9	53
296	Use of integrated FDG PET/CT imaging in pulmonary carcinoid tumours. <i>Journal of Internal Medicine</i> , <b>2006</b> , 260, 545-50	10.8	53
295	Stability of radiomics features in apparent diffusion coefficient maps from a multi-centre test-retest trial. <i>Scientific Reports</i> , <b>2019</b> , 9, 4800	4.9	52
294	Dose-Response Relationship in Differentiated Thyroid Cancer Patients Undergoing Radioiodine Treatment Assessed by Means of 124I PET/CT. <i>Journal of Nuclear Medicine</i> , <b>2016</b> , 57, 1027-32	8.9	52
293	Dose-escalation using intensity-modulated radiotherapy for prostate cancer - evaluation of quality of life with and without (18)F-choline PET-CT detected simultaneous integrated boost. <i>Radiation Oncology</i> , <b>2012</b> , 7, 14	4.2	52
292	Enhancing picture naming with transcranial magnetic stimulation. <i>Behavioural Neurology</i> , <b>2006</b> , 17, 177-86	8.6	51
291	Network analysis in episodic encoding and retrieval of word-pair associates: a PET study. <i>European Journal of Neuroscience</i> , <b>1999</b> , 11, 3293-301	3.5	51
290	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> , <b>2016</b> , 43, 240-248	8.8	50
289	Cost-effectiveness of hybrid PET/CT for staging of non-small cell lung cancer. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 1668-75	8.9	50
288	Neuronal correlates of encoding and retrieval in episodic memory during a paired-word association learning task: a functional magnetic resonance imaging study. <i>Experimental Brain Research</i> , <b>1999</b> , 128, 332-42	2.3	49
287	Thyroid Hormone Activates Brown Adipose Tissue and Increases Non-Shivering Thermogenesis--A Cohort Study in a Group of Thyroid Carcinoma Patients. <i>PLoS ONE</i> , <b>2016</b> , 11, e0145049	3.7	49
286	Direct comparison of [18F]FDG PET/CT with PET alone and with side-by-side PET and CT in patients with malignant melanoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2007</b> , 34, 1355-64	8.8	48
285	Striatal dopaminergic modulation of reinforcement learning predicts reward-oriented behavior in daily life. <i>Biological Psychology</i> , <b>2017</b> , 127, 1-9	3.2	47
284	Brain metastasis in lung cancer. Comparison of cerebral MRI and 18F-FDG-PET/CT for diagnosis in the initial staging. <i>Nuklearmedizin - NuclearMedicine</i> , <b>2011</b> , 50, 101-6	1.8	47
283	11C-choline positron-emission tomography/computed tomography and transrectal ultrasonography for staging localized prostate cancer. <i>BJU International</i> , <b>2007</b> , 99, 1421-6	5.6	47
282	Caffeine and cognition in functional magnetic resonance imaging. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 20 Suppl 1, S71-84	4.3	46
281	Radiomics for precision medicine: Current challenges, future prospects, and the proposal of a new framework. <i>Methods</i> , <b>2021</b> , 188, 20-29	4.6	46

280	The impact of dopamine on aggression: an [18F]-FDOPA PET Study in healthy males. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 16889-96	6.6	45
279	Modulation of a brain-behavior relationship in verbal working memory by rTMS. <i>Cognitive Brain Research</i> , <b>2003</b> , 15, 241-9		44
278	Intensity-modulated radiotherapy for prostate cancer implementing molecular imaging with 18F-choline PET-CT to define a simultaneous integrated boost. <i>Strahlentherapie Und Onkologie</i> , <b>2010</b> , 186, 600-6	4.3	43
277	A new pneumatic vibrator for functional magnetic resonance imaging of the human sensorimotor cortex. <i>Neuroscience Letters</i> , <b>2002</b> , 324, 125-8	3.3	43
276	Is there an additional value of $^{11}\text{C}$ -choline PET-CT to T2-weighted MRI images in the localization of intraprostatic tumor nodules?. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 83, 1486-92	4.92	41
275	Site-specific 68Ga-labeled Annexin A5 as a PET imaging agent for apoptosis. <i>Nuclear Medicine and Biology</i> , <b>2011</b> , 38, 381-92	2.1	40
274	FDG positron emission tomography/computed tomography scan may identify mantle cell lymphoma patients with unusually favorable outcome. <i>Nuclear Medicine Communications</i> , <b>2009</b> , 30, 770-8	1.6	40
273	Brain systems engaged in encoding and retrieval of word-pair associates independent of their imagery content or presentation modalities. <i>Neuropsychologia</i> , <b>2002</b> , 40, 457-70	3.2	40
272	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> , <b>2016</b> , 43, 2139-2146	8.8	39
271	In vivo evidence of deep brain stimulation-induced dopaminergic modulation in Tourette syndrome. <i>Biological Psychiatry</i> , <b>2012</b> , 71, e11-3	7.9	38
270	The use of O-(2-18F-fluoroethyl)-L-tyrosine PET for treatment management of bevacizumab and irinotecan in patients with recurrent high-grade glioma: a cost-effectiveness analysis. <i>Journal of Nuclear Medicine</i> , <b>2013</b> , 54, 1217-22	8.9	38
269	Bilateral parieto-frontal network for verbal working memory: an interference approach using repetitive transcranial magnetic stimulation (rTMS). <i>European Journal of Neuroscience</i> , <b>2002</b> , 16, 1627-32	3.5	38
268	Radiomics in neuro-oncology: Basics, workflow, and applications. <i>Methods</i> , <b>2021</b> , 188, 112-121	4.6	38
267	Interfering with working memory in humans. <i>Neuroscience</i> , <b>2006</b> , 139, 85-90	3.9	37
266	Motor control in simple bimanual movements: a transcranial magnetic stimulation and reaction time study. <i>Clinical Neurophysiology</i> , <b>2001</b> , 112, 265-74	4.3	37
265	MAOA-VNTR polymorphism modulates context-dependent dopamine release and aggressive behavior in males. <i>NeuroImage</i> , <b>2016</b> , 125, 378-385	7.9	36
264	Imaging and neural modelling in episodic and working memory processes. <i>Neural Networks</i> , <b>2000</b> , 13, 847-59	9.1	36
263	Molecularly targeted therapies in cancer: a guide for the nuclear medicine physician. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2017</b> , 44, 41-54	8.8	35

262	Clinical value of $^{67}\text{Ga}$ -DOTATATE-PET/CT compared to stand-alone contrast enhanced CT for the detection of extra-hepatic metastases in patients with neuroendocrine tumours (NET). <i>European Journal of Radiology</i> , <b>2015</b> , 84, 1866-72	4.7	34
261	$^{67}\text{Ga}$ -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> , <b>2019</b> , 46, 1054-1062	8.8	33
260	Effects of Smoking Cessation on Presynaptic Dopamine Function of Addicted Male Smokers. <i>Biological Psychiatry</i> , <b>2016</b> , 80, 198-206	7.9	33
259	Effect of the positron range of $^{18}\text{F}$ , $^{68}\text{Ga}$ and $^{124}\text{I}$ on PET/CT in lung-equivalent materials. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2011</b> , 38, 940-8	8.8	32
258	Molecular imaging of prostate cancer. <i>Methods</i> , <b>2009</b> , 48, 193-9	4.6	32
257	Hypoxia and hypoxia response-associated molecular markers in esophageal cancer: A systematic review. <i>Methods</i> , <b>2017</b> , 130, 51-62	4.6	31
256	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> , <b>2016</b> , 280, 220-9	20.5	30
255	Differences in predicted and actually absorbed doses in peptide receptor radionuclide therapy. <i>Medical Physics</i> , <b>2012</b> , 39, 5708-17	4.4	30
254	Site-specific labeling of second generation Annexin V with $^{99m}\text{Tc}(\text{CO})_3$ for improved imaging of apoptosis in vivo. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 1356-63	3.4	30
253	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> , <b>2017</b> , 8, 3870-3880	3.3	30
252	Whole-body diffusion-weighted magnetic resonance imaging: current evidence in oncology and potential role in colorectal cancer staging. <i>European Journal of Cancer</i> , <b>2011</b> , 47, 2107-16	7.5	29
251	Imaging Intraplaque Inflammation in Carotid Atherosclerosis With $^{18}\text{F}$ -Fluorocholine Positron Emission Tomography-Computed Tomography: Prospective Study on Vulnerable Atheroma With Immunohistochemical Validation. <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9,	3.9	28
250	The role of patient-based treatment planning in peptide receptor radionuclide therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2016</b> , 43, 871-880	8.8	28
249	Failure of annexin-based apoptosis imaging in the assessment of antiangiogenic therapy effects. <i>EJNMMI Research</i> , <b>2011</b> , 1, 26	3.6	28
248	Repetitive TMS temporarily alters brain diffusion. <i>Neurology</i> , <b>2003</b> , 60, 1539-41	6.5	28
247	Diagnosis and Treatment of Nasopharyngeal Carcinoma in Children and Adolescents - Recommendations of the GPOH-NPC Study Group. <i>Klinische Padiatrie</i> , <b>2016</b> , 228, 105-12	0.9	28
246	Comparison of $^{18}\text{F}$ -FDG PET/CT and MRI in the diagnosis of active osteomyelitis. <i>Skeletal Radiology</i> , <b>2014</b> , 43, 665-72	2.7	27
245	Theranostic and nanotheranostic probes in nuclear medicine. <i>Methods</i> , <b>2017</b> , 130, 14-22	4.6	27



244	A Practical One-Pot Synthesis of Positron Emission Tomography (PET) Tracers via Nickel-Mediated Radiofluorination. <i>ChemistryOpen</i> , <b>2015</b> , 4, 457-62	2.3	27
243	Study-parameter impact in quantitative 90-Yttrium PET imaging for radioembolization treatment monitoring and dosimetry. <i>IEEE Transactions on Medical Imaging</i> , <b>2013</b> , 32, 485-92	11.7	27
242	Thyroid nodules with indeterminate cytology: molecular imaging with $^{99m}\text{Tc}$ -methoxyisobutylisonitrile (MIBI) is more cost-effective than the Afirma gene expression classifier. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2014</b> , 41, 1497-500	8.8	26
241	Beyond azide-alkyne click reaction: easy access to $^{18}\text{F}$ -labelled compounds via nitrile oxide cycloadditions. <i>Chemical Communications</i> , <b>2012</b> , 48, 7134-6	5.8	26
240	PET and PET/CT in radiation treatment planning for prostate cancer. <i>Expert Review of Anticancer Therapy</i> , <b>2011</b> , 11, 1033-9	3.5	26
239	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> , <b>2016</b> , 11, e0159515	3.7	26
238	Radiomics Analysis for Clinical Decision Support in Nuclear Medicine. <i>Seminars in Nuclear Medicine</i> , <b>2019</b> , 49, 438-449	5.4	25
237	Modulation of glutathione promotes apoptosis in triple-negative breast cancer cells. <i>FASEB Journal</i> , <b>2018</b> , 32, 2803-2813	0.9	25
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