

Heinz H Coenen

List of Publications by Year in descending order

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137
papers

7,101
citations

66343

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60623

81
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140
all docs

140
docs citations

140
times ranked

6307
citing authors

#	ARTICLE	IF	CITATIONS
1	O-(2-[¹⁸ F]fluoroethyl)-L-tyrosine PET combined with MRI improves the diagnostic assessment of cerebral gliomas. <i>Brain</i> , 2005, 128, 678-687.	7.6	537
2	Mesolimbic Functional Magnetic Resonance Imaging Activations during Reward Anticipation Correlate with Reward-Related Ventral Striatal Dopamine Release. <i>Journal of Neuroscience</i> , 2008, 28, 14311-14319.	3.6	426
3	O-(2-[¹⁸ F]fluoroethyl)-L-tyrosine: uptake mechanisms and clinical applications. <i>Nuclear Medicine and Biology</i> , 2006, 33, 287-294.	0.6	317
4	Combined MRI–PET dissects dynamic changes in plant structures and functions. <i>Plant Journal</i> , 2009, 59, 634-644.	5.7	268
5	Imaging-guided convection-enhanced delivery and gene therapy of glioblastoma. <i>Annals of Neurology</i> , 2003, 54, 479-487.	5.3	235
6	Nucleophilic ¹⁸ F-Fluorination of Heteroaromatic Iodonium Salts with No-Carrier-Added [¹⁸ F]Fluoride. <i>Journal of the American Chemical Society</i> , 2007, 129, 8018-8025.	13.7	194
7	Assessment of Treatment Response in Patients with Glioblastoma Using ¹⁸ F-Fluoroethyl)-L-Tyrosine PET in Comparison to MRI. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1048-1057.	5.0	184
8	Comparison of ¹⁸ F-FET and ¹⁸ F-FDG PET in brain tumors. <i>Nuclear Medicine and Biology</i> , 2009, 36, 779-787.	0.6	177
9	Prognostic Value of O-(2- ¹⁸ F-Fluoroethyl)-L-Tyrosine PET and MRI in Low-Grade Glioma. <i>Journal of Nuclear Medicine</i> , 2007, 48, 519-527.	5.0	171
10	Role of ¹⁸ F-Fluoroethyl)-L-Tyrosine PET for Differentiation of Local Recurrent Brain Metastasis from Radiation Necrosis. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1367-1374.	5.0	171
11	Sleep Deprivation Increases A1 Adenosine Receptor Binding in the Human Brain: A Positron Emission Tomography Study. <i>Journal of Neuroscience</i> , 2007, 27, 2410-2415.	3.6	169
12	Diagnostic Performance of ¹⁸ F-FET PET in Newly Diagnosed Cerebral Lesions Suggestive of Glioma. <i>Journal of Nuclear Medicine</i> , 2013, 54, 229-235.	5.0	167
13	Consensus nomenclature rules for radiopharmaceutical chemistry “ Setting the record straight. <i>Nuclear Medicine and Biology</i> , 2017, 55, v-xi.	0.6	162
14	Response assessment of bevacizumab in patients with recurrent malignant glioma using [¹⁸ F]Fluoroethyl-L-tyrosine PET in comparison to MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 22-33.	6.4	158
15	Comparison of fluorotyrosines and methionine uptake in F98 rat gliomas. <i>Nuclear Medicine and Biology</i> , 2003, 30, 501-508.	0.6	139
16	Prognostic Value of Early [¹⁸ F]Fluoroethyltyrosine Positron Emission Tomography After Radiochemotherapy in Glioblastoma Multiforme. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 176-184.	0.8	132
17	Comparison of Cerebral Blood Flow Acquired by Simultaneous [¹⁵ O]Water Positron Emission Tomography and Arterial Spin Labeling Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1373-1380.	4.3	118
18	Comparison of ¹⁸ F-FET PET and Perfusion-Weighted MR Imaging: A PET/MR Imaging Hybrid Study in Patients with Brain Tumors. <i>Journal of Nuclear Medicine</i> , 2014, 55, 540-545.	5.0	115

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19	Role of O -(^{18}F -Fluoroethyl)-L-Tyrosine PET as a Diagnostic Tool for Detection of Malignant Progression in Patients with Low-Grade Glioma. <i>Journal of Nuclear Medicine</i> , 2013, 54, 2046-2054.	5.0	108
20	Preparation of N.C.A. [17- ^{18}F]-fluoroheptadecanoic acid in high yields via aminopolyether supported, nucleophilic fluorination. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1986, 23, 455-466.	1.0	101
21	Whole-body distribution and dosimetry of O -(2-[^{18}F]fluoroethyl)-L-tyrosine. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 519-524.	6.4	97
22	Oxytocin enhances attractiveness of unfamiliar female faces independent of the dopamine reward system. <i>Psychoneuroendocrinology</i> , 2014, 39, 74-87.	2.7	86
23	In vivo imaging of adenosine A1 receptors in the human brain with [^{18}F]CPFPX and positron emission tomography. <i>NeuroImage</i> , 2003, 19, 1760-1769.	4.2	84
24	Prognostic impact of postoperative, pre-irradiation ^{18}F -fluoroethyl-L-tyrosine uptake in glioblastoma patients treated with radiochemotherapy. <i>Radiotherapy and Oncology</i> , 2011, 99, 218-224.	0.6	82
25	Fluoroacylation agents based on small n.c.a. [^{18}F]fluorocarboxylic acids. <i>Applied Radiation and Isotopes</i> , 1994, 45, 715-727.	1.5	80
26	Guideline to regulations for radiopharmaceuticals in early phase clinical trials in the EU. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 2144-2151.	6.4	78
27	Synthesis and Evaluation of No-Carrier-Added 8-Cyclopentyl-3-(3-[^{18}F]fluoropropyl)-1-propylxanthine ([^{18}F]CPFPX): A Potent and Selective A1-Adenosine Receptor Antagonist for in Vivo Imaging. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 5150-5156.	6.4	76
28	PET with O -(2- ^{18}F -Fluoroethyl)-L-Tyrosine in peripheral tumors: first clinical results. <i>Journal of Nuclear Medicine</i> , 2005, 46, 411-6.	5.0	75
29	Positron emission intensities in the decay of ^{64}Cu , ^{76}Br and ^{124}I . <i>Radiochimica Acta</i> , 2007, 95, 67-73.	1.2	74
30	Iodonium ylides for one-step, no-carrier-added radiofluorination of electron rich arenes, exemplified with 4-((^{18}F]fluorophenoxy)-phenylmethyl)piperidine NET and SERT ligands. <i>RSC Advances</i> , 2014, 4, 17293-17299.	3.6	70
31	3-[^{123}I]iodo- α -methyl-L-tyrosine: uptake mechanisms and clinical applications. <i>Nuclear Medicine and Biology</i> , 2002, 29, 625-631.	0.6	69
32	^{18}F -FET PET compared with ^{18}F -FDG PET and CT in patients with head and neck cancer. <i>Journal of Nuclear Medicine</i> , 2006, 47, 256-61.	5.0	67
33	Comparison of O -(2- ^{18}F -fluoroethyl)-L-tyrosine PET and 3- ^{123}I -iodo- α -methyl-L-tyrosine SPECT in brain tumors. <i>Journal of Nuclear Medicine</i> , 2004, 45, 374-81.	5.0	65
34	The Usefulness of Dynamic O -(^{18}F -Fluoroethyl)-L-Tyrosine PET in the Clinical Evaluation of Brain Tumors in Children and Adolescents. <i>Journal of Nuclear Medicine</i> , 2015, 56, 88-92.	5.0	64
35	Three-Step, α -One-Pot-Radiosynthesis of 6-Fluoro-3,4-Dihydroxy-L-Phenylalanine by Isotopic Exchange. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1724-1729.	5.0	63
36	Excitation function of the $^{18}O(p,n)^{18}F$ nuclear reaction from threshold up to 30 MeV. <i>Radiochimica Acta</i> , 2001, 89, .	1.2	61

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37	Comparison of pathways to the versatile synthon of no-carrier-added 1-bromo-4-[18F]fluorobenzene. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004, 47, 429-441.	1.0	60
38	Differential uptake of [18F]FET and [3H]l-methionine in focal cortical ischemia. <i>Nuclear Medicine and Biology</i> , 2006, 33, 1029-1035.	0.6	55
39	Multimodal Imaging of Neural Progenitor Cell Fate in Rodents. <i>Molecular Imaging</i> , 2008, 7, 7290.2008.0010.	1.4	49
40	Circadian variation of metabotropic glutamate receptor 5 availability in the rat brain. <i>Journal of Sleep Research</i> , 2016, 25, 754-761.	3.2	47
41	The quantification of dynamic FET PET imaging and correlation with the clinical outcome in patients with glioblastoma. <i>Physics in Medicine and Biology</i> , 2009, 54, 5525-5539.	3.0	46
42	Preferred stereoselective brain uptake of d-serine is a modulator of glutamatergic neurotransmission. <i>Nuclear Medicine and Biology</i> , 2005, 32, 793-797.	0.6	44
43	Preparation of N.C.A. [18F]-CH ₂ BrF via aminopolyether supported nucleophilic substitution. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1986, 23, 587-595.	1.0	40
44	Enhanced production possibility of the therapeutic radionuclides ⁶⁴ Cu, ⁶⁷ Cu and ⁸⁹ Sr via (n,p) reactions induced by fast spectral neutrons. <i>Radiochimica Acta</i> , 2004, 92, 183-186.	1.2	40
45	Decreased prefrontal 5-HT _{2A} receptor binding in subjects at enhanced risk for schizophrenia. <i>Anatomy and Embryology</i> , 2005, 210, 519-523.	1.5	39
46	Methods for ¹¹ C- and ¹⁸ F- labelling of amino acids and derivatives for positron emission tomography imaging. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2013, 56, 225-236.	1.0	39
47	¹⁸ F- labelling innovations and their potential for clinical application. <i>Clinical and Translational Imaging</i> , 2018, 6, 169-193.	2.1	37
48	Preferred Stereoselective Transport of the D-isomer of cis-4-[18F]fluoro-proline at the Blood-Brain Barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 607-616.	4.3	36
49	Novel CDTA-based, Bifunctional Chelators for Stable and Inert Mn ^{II} Complexation: Synthesis and Physicochemical Characterization. <i>Inorganic Chemistry</i> , 2017, 56, 7746-7760.	4.0	36
50	Regiospecific no-carrier-added radiobromination and radioiodination of aryltrimethyl Group IVb organometallics. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1985, , 1941.	0.9	34
51	³ -[¹²³ I]iodo- \pm -methyl-L-tyrosine uptake in cerebral gliomas: relationship to histological grading and prognosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2001, 28, 855-861.	2.1	33
52	Quantification of Cerebral A1 Adenosine Receptors in Humans using [18F]CPFPX and PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 323-333.	4.3	33
53	Synthesis and Evaluation of 7-amino-2-(2(3-furyl)-5-phenylethylamino-oxazolo[5,4-d]pyrimidines as potential A _{2A} adenosine receptor antagonists for positron emission tomography (PET). <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 7-15.	5.5	33
54	Comparison of ¹⁸ F-Fluoroethyl-L-Tyrosine and ³ H-Methionine Uptake in Cerebral Hematomas. <i>Journal of Nuclear Medicine</i> , 2010, 51, 790-797.	5.0	33

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55	18F-CPFPX PET identifies changes in cerebral A1 adenosine receptor density caused by glioma invasion. <i>Journal of Nuclear Medicine</i> , 2005, 46, 450-4.	5.0	32
56	Current trends in the use of O-(2-[18F]fluoroethyl)-L-tyrosine ([18F]FET) in neurooncology. <i>Nuclear Medicine and Biology</i> , 2021, 92, 78-84.	0.6	30
57	Experimental measurements and nuclear model calculations on the excitation functions of natCe(3He,) Tj ETQq1 1 0.784314 rgBT / O 140Nd. <i>Radiochimica Acta</i> , 2005, 93, 553-560.	1.2	29
58	4- 18 F]fluoroarylalkylethers via an improved synthesis of n.c.a. 4- 18 F]fluorophenol. <i>Nuclear Medicine and Biology</i> , 2002, 29, 255-262.	0.6	28
59	METABOLISM OF THE A1 ADENOSINE RECEPTOR POSITRON EMISSION TOMOGRAPHY LIGAND [18F]8-CYCLOPENTYL-3-(3-FLUOROPROPYL)-1-PROPYLXANTHINE ([18F]CPFPX) IN RODENTS AND HUMANS. <i>Drug Metabolism and Disposition</i> , 2006, 34, 570-576.	3.3	28
60	Cerebral A1 adenosine receptors (A1AR) in liver cirrhosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 589-597.	6.4	28
61	Effects of Magnetic Fields of up to 9.4 T on Resolution and Contrast of PET Images as Measured with an MR-BrainPET. <i>PLoS ONE</i> , 2014, 9, e95250.	2.5	28
62	Evaluation of 18F-Labeled Benzodioxine Piperazine-Based Dopamine D4Receptor Ligands: Lipophilicity as a Determinate of Nonspecific Binding. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8343-8352.	6.4	26
63	Transport of cis- and trans-4-[18F]fluoro-L-proline in F98 glioma cells. <i>Nuclear Medicine and Biology</i> , 2002, 29, 685-692.	0.6	25
64	Quantification of cerebral A1 adenosine receptors in humans using [18F]CPFPX and PET: an equilibrium approach. <i>NeuroImage</i> , 2005, 24, 1192-1204.	4.2	25
65	Evaluation of 18F-CPFPX, a novel adenosine A1 receptor ligand: in vitro autoradiography and high-resolution small animal PET. <i>Journal of Nuclear Medicine</i> , 2003, 44, 1682-9.	5.0	25
66	Uptake of O-(2-[18F]fluoroethyl)-L-tyrosine in reactive astrocytosis in the vicinity of cerebral gliomas. <i>Nuclear Medicine and Biology</i> , 2013, 40, 795-800.	0.6	24
67	Uptake and tracer kinetics of O-(2-18F-fluoroethyl)-l-tyrosine in meningiomas: preliminary results. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 459-467.	6.4	24
68	Synthesis, radiofluorination and first evaluation of (\pm)-[¹⁸ F]MDL 100907 as serotonin 5-HT _{2A} receptor antagonist for PET. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2009, 52, 6-12.	1.0	23
69	Open letter to journal editors on: International Consensus Radiochemistry Nomenclature Guidelines. <i>Annals of Nuclear Medicine</i> , 2018, 32, 236-238.	2.2	23
70	Whole-body kinetics and dosimetry of 3-[123I]iodo-L-methyltyrosine. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 24, 1162-1166.	2.1	22
71	Radiolabelling with isotopic mixtures of ^{52g/55} Mn(ⁱⁱ) as a straight route to stable manganese complexes for bimodal PET/MR imaging. <i>Dalton Transactions</i> , 2016, 45, 1315-1321.	3.3	22
72	Enantiospecific synthesis of 2-[18F]fluoro-L-phenylalanine and 2-[18F]fluoro-L-tyrosine by isotopic exchange. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 765-769.	2.8	21

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73	4-[¹⁸ F]Fluorophenylpiperazines by Improved Hartwig-Buchwald N-Arylation of 4-[¹⁸ F]fluoroiodobenzene, Formed via Hypervalent I ³ -Iodane Precursors: Application to Build-Up of the Dopamine D4 Ligand [¹⁸ F]FAUC 316. <i>Molecules</i> , 2015, 20, 470-486.	3.8	21
74	Direct Nucleophilic ¹⁸ F-Fluorination of Electron Rich Arenes: Present Limits of No-Carrier-Added Reactions. <i>Current Radiopharmaceuticals</i> , 2010, 3, 163-173.	0.8	21
75	Nuclear data for production of ⁸⁸ Y, ¹⁴⁰ Nd, ¹⁵³ Sm and ¹⁶⁹ Yb via novel routes. <i>Radiochimica Acta</i> , 2007, 95, 313-317.	1.2	20
76	Detection of Secondary Thalamic Degeneration After Cortical Infarction Using cis-4- ¹⁸ F-Fluoro-D-Proline. <i>Journal of Nuclear Medicine</i> , 2007, 48, 1482-1491.	5.0	19
77	Carrier-Effect on palladium-catalyzed, nucleophilic ¹⁸ F-fluorination of aryl triflates. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2012, 55, 450-453.	1.0	19
78	Monitoring of Radiochemotherapy in Patients with Glioblastoma Using ¹⁸ F- ¹⁸ F-Fluoro-2-Deoxy-2-Fluoro-D-Glucose (FDG) PET/CT. <i>Journal of Nuclear Medicine</i> , 2013, 54, 182-187.	1.4	19
79	Expanding PET-applications in life sciences with positron-emitters beyond fluorine-18. <i>Nuclear Medicine and Biology</i> , 2021, 92, 241-269.	0.6	19
80	Evaluation of radioselenium labeled selenomethionine, a potential tracer for brain protein synthesis by PET. <i>Nuclear Medicine and Biology</i> , 1995, 22, 475-481.	0.6	18
81	Whole-body kinetics and dosimetry of cis-4-[¹⁸ F]fluoro-L-proline. <i>Nuclear Medicine and Biology</i> , 2001, 28, 287-292.	0.6	18
82	Synthesis, labelling and first evaluation of [¹⁸ F]R91150 as a serotonin 5-HT _{2A} receptor antagonist for PET. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2009, 52, 13-22.	1.0	18
83	Relationship of regional cerebral blood flow and kinetic behaviour of O-(2- ¹⁸ F-fluoroethyl)-L-tyrosine uptake in cerebral gliomas. <i>Nuclear Medicine Communications</i> , 2014, 35, 245-251.	1.1	18
84	Imaging of gliomas with Cis-4-[¹⁸ F]fluoro-L-proline. <i>Nuclear Medicine and Biology</i> , 2004, 31, 67-75.	0.6	17
85	New cross section measurements for production of the positron emitters ⁷⁵ Br and ⁷⁶ Br via intermediate energy proton induced reactions. <i>Radiochimica Acta</i> , 2009, 97, .	1.2	17
86	Synthesis of No-Carrier-Added 4-[¹⁸ F]Fluorophenol from 4-Benzyloxyphenyl-(2-thienyl)iodonium Bromide. <i>Molecules</i> , 2011, 16, 7621-7626.	3.8	17
87	Optimized separation procedure for production of no-carrier-added radiomanganese for positron emission tomography. <i>Radiochimica Acta</i> , 2015, 103, 893-899.	1.2	16
88	No-Carrier-Added [¹⁸ F]Fluorobenzene Derivatives as Intermediates for Built-up Radiosyntheses. <i>Current Radiopharmaceuticals</i> , 2010, 3, 127-160.	0.8	16
89	Reproducibility of O-(2- ¹⁸ F-fluoroethyl)-L-tyrosine uptake kinetics in brain tumors and influence of corticoid therapy: an experimental study in rat gliomas. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1115-1123.	6.4	15
90	Nucleophilic ¹⁸ F-Fluorination of Complex Molecules in Activated Carbocyclic Aromatic Position. <i>Current Radiopharmaceuticals</i> , 2010, 3, 109-126.	0.8	15

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91	New cross section measurements for the production of the Auger electron emitters ⁷⁷ Br and ^{80m} Br. <i>Radiochimica Acta</i> , 2010, 98, 749-755.	1.2	14
92	Bis(4-benzyloxyphenyl)iodonium salts as effective precursors for the no-carrier-added radiosynthesis of 4-[¹⁸ F]fluorophenol. <i>Applied Radiation and Isotopes</i> , 2013, 82, 264-267.	1.5	14
93	Radiosynthesis of 4-[¹⁸ F]fluoro-L-tryptophan by isotopic exchange on carbonyl-activated precursors. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5856-5869.	3.0	14
94	3-[¹²³ I]iodo- β -methyl-L-tyrosine transport and 4F2 antigen expression in human glioma cells. <i>Nuclear Medicine and Biology</i> , 2001, 28, 5-11.	0.6	12
95	Alternative syntheses of [^{73,75} Se]selenoethers exemplified for homocysteine[^{73,75} Se]selenolactone. <i>Radiochimica Acta</i> , 2001, 89, 863-866.	1.2	12
96	Application of n.c.a. 4-[¹⁸ F]fluorophenol in diaryl ether syntheses of 2-(4-[¹⁸ F]fluorophenoxy)-benzylamines. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004, 47, 443-455.	1.0	12
97	New potent A1 adenosine receptor radioligands for positron emission tomography. <i>Nuclear Medicine and Biology</i> , 2017, 44, 69-77.	0.6	12
98	Quantification of baboon cortical 52 serotonin receptors in vivo with 3-N-(2- ¹⁸ F)fluoroethylpiperone and positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1991, 18, 158-163.	2.1	11
99	Excitation functions of deuteron induced nuclear reactions on enriched ⁷⁸ Kr with particular relevance to the production of ⁷⁶ Br. <i>Radiochimica Acta</i> , 2004, 92, 203-207.	1.2	11
100	4-[¹⁸ F]fluorophenyl ureas via carbamate-4-nitrophenyl esters and 4-[¹⁸ F]fluoroaniline. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2006, 49, 1037-1050.	1.0	11
101	Convenient preparation of (4-iodophenyl)aryliodonium salts. <i>Tetrahedron</i> , 2012, 68, 4112-4116.	1.9	11
102	PET imaging of pulmonary fibrosis. <i>Journal of Nuclear Medicine</i> , 2003, 44, 483-4; author reply 484.	5.0	11
103	Reactivity of iodine monofluoride on sub-micromolar scale with arenes. <i>Tetrahedron Letters</i> , 1994, 35, 9701-9702.	1.4	10
104	Small scale production of high purity ^{193m} Pt by the ¹⁹² Os(β , β TM 3n)-process. <i>Radiochimica Acta</i> , 2011, 99, 131-135.	1.2	10
105	Production of the positron emitter ⁵¹ Mn via the ⁵⁰ Cr(d, n) reaction: targetry and separation of no-carrier-added radiomanganese. <i>Radiochimica Acta</i> , 2002, 90, 167-177.	1.2	9
106	Open letter to journal editors on: International Consensus Radiochemistry Nomenclature Guidelines. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2019, 4, 7.	3.9	9
107	First no-carrier-added radioselenation of an adenosine-A1 receptor ligand. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004, 47, 415-427.	1.0	8
108	Cross Section Measurements on Gas Targets Relevant to the Production of the Positron Emitting Radionuclides ¹⁴ O, ¹⁸ F and ⁷⁶ Br. <i>Journal of Nuclear Science and Technology</i> , 2002, 39, 1278-1281.	1.3	7

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109	N-2-(4-N-(4-[¹⁸ F]Fluorobenzamido)phenyl)-propyl-2-propanesulphonamide: synthesis and radiofluorination of a putative AMPA receptor ligand. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2007, 50, 1169-1175.	1.0	7
110	cis-4-[¹⁸ F]-Fluoro-l-proline fails to detect peripheral tumors in humans. <i>Nuclear Medicine and Biology</i> , 2008, 35, 895-900.	0.6	7
111	Labeling of benzodioxin piperazines with fluorine- ¹⁸ as prospective radioligands for selective imaging of dopamine D ₄ receptors. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2013, 56, 609-618.	1.0	7
112	A three-step radiosynthesis of [¹⁸ F]fluoro-L-metatyrosine starting with [¹⁸ F]fluoride. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2015, 58, 133-140.	1.0	7
113	Stereoselective radiosynthesis of l- and d-3-[¹⁸ F]fluoro- β -methyltyrosine. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 202-207.	1.7	7
114	Cross section measurements of ⁷⁵ As(β ,xn) ^{76,77,78} Br and ⁷⁵ As(β ,x) ⁷⁴ As nuclear reactions using the monitor radionuclides ⁶⁷ Ga and ⁶⁶ Ga for beam evaluation. <i>Radiochimica Acta</i> , 2017, 105, 431-439.	1.2	7
115	Status of the "consensus nomenclature rules in radiopharmaceutical sciences"™ initiative. <i>Nuclear Medicine and Biology</i> , 2019, 71, 19-22.	0.6	7
116	Treatment-Related Uptake of <i>O</i> -(2- ¹⁸ F-Fluoroethyl)-l-Tyrosine and l-[Methyl- ³ H]-Methionine After Tumor Resection in Rat Glioma Models. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1373-1379.	5.0	7
117	Efficient synthesis of [¹⁸ F]FPyME: A new approach for the preparation of maleimide-containing prosthetic groups for the conjugation with thiols. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017, 60, 87-92.	1.0	6
118	^{52g/55} Mn-Labelled CDTA-based trimeric complexes as novel bimodal PET/MR probes with high relaxivity. <i>Dalton Transactions</i> , 2019, 48, 3003-3008.	3.3	6
119	New β -tropane amides as potential PET ligands for the dopamine transporter. <i>Nuclear Medicine and Biology</i> , 2007, 34, 531-539.	0.6	5
120	[¹⁸ F]Fluorophenyl organometallics as intermediates of no-carrier-added ¹⁸ F-fluoroarylation reactions. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4084-4092.	1.8	5
121	Optimizing the transfer of [¹⁸ F]fluoride from aqueous to organic solvents by electrodeposition using carbon electrodes. <i>Applied Radiation and Isotopes</i> , 2014, 91, 1-7.	1.5	5
122	¹¹ C-labelling of the analgesic tramadol and its major metabolites by selective O- and N-methylation. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , 1992, 43, 1129-1137.	0.5	4
123	No-carrier-added synthesis of aliphatic and aromatic radioselenoethers via selenocyanates. <i>Nuclear Medicine and Biology</i> , 2003, 30, 361-367.	0.6	4
124	Efficient synthesis of fluorobenzoyloxoimidazolidinone derivatives: precursors for the radiosynthesis of [¹⁸ F]fluorophenylamino acids. <i>Tetrahedron</i> , 2010, 66, 9996-10001.	1.9	4
125	Synthesis, radiofluorination and first evaluation of [¹⁸ F]fluorophenylsulfonyl- and [¹⁸ F]fluorophenylsulfinyl-piperidines as serotonin 5-HT _{2A} receptor antagonists for PET. <i>Nuclear Medicine and Biology</i> , 2010, 37, 605-614.	0.6	4
126	Radiochemical separation of ^{76,77} Br and ^{66,67} Ga from irradiated ZnSe targets using anion-exchange chromatography. <i>Radiochimica Acta</i> , 2012, 100, 785-792.	1.2	4

#	ARTICLE	IF	CITATIONS
127	No carrier-added labeling of the neuroprotective Ebselen with selenium-73 and selenium-75. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2015, 58, 141-145.	1.0	4
128	Cis-4-[18F]fluoro-D-proline detects neurodegeneration in patients with akinetic-rigid parkinsonism. <i>Nuclear Medicine Communications</i> , 2019, 40, 383-387.	1.1	4
129	New modular delivery system for diagnostic and therapeutic pre-targeting using tautomer-specific monoclonal antibody EM-6-47 and 3-substituted adenines. , 1998, 77, 610-619.		3
130	Authentically radiolabelled Mn(II) complexes as bimodal PET/MR tracers. <i>EJNMMI Physics</i> , 2015, 2, A85.	2.7	3
131	Open letter to journal editors on: International Consensus Radiochemistry Nomenclature Guidelines. <i>Clinical and Translational Imaging</i> , 2019, 7, 61-63.	2.1	3
132	Direct n.c.a. radioiodination of weakly activated arenes using metal salts. <i>Radiochimica Acta</i> , 2000, 88, 221-228.	1.2	2
133	Histogram analysis reveals a better delineation of tumor volume from background in 18F-FET PET compared to CBV maps in a hybrid PET-MR studie in gliomas. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 734, 175-178.	1.6	2
134	Baeyer-Villiger oxidation tuned to chemoselective conversion of non-activated [¹⁸ F]fluorobenzaldehydes to [¹⁸ F]fluorophenols. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019, 62, 380-392.	1.0	2
135	Image derived input function applied in CBF Studies with [15O]water PET in an integrated MR-PET. <i>EJNMMI Physics</i> , 2014, 1, A30.	2.7	1
136	In Memoriam Gerhard L. StÅ¼cklin. <i>Radiochimica Acta</i> , 2004, 92, 189-191.	1.2	0
137	Obituary of Prof. StÅ¼cklin, Sydney, August 10, 2003. <i>Nuclear Medicine and Biology</i> , 2004, 31, 531.	0.6	0