

# Kjell Ngren

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/87470/kjell-nagren-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

170  
papers

8,926  
citations

53  
h-index

88  
g-index

180  
ext. papers

9,762  
ext. citations

5  
avg, IF

5.22  
L-index

#	Paper	IF	Citations
170	[11C]PIB PET Is Associated with the Brain Biopsy Amyloid-Load in Subjects Examined for Normal Pressure Hydrocephalus. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 67, 1343-1351	4.3	11
169	Brain Cholinergic Function and Response to Rivastigmine in Patients With Chronic Sequels of Traumatic Brain Injury: A PET Study. <i>Journal of Head Trauma Rehabilitation</i> , <b>2018</b> , 33, 25-32	3	6
168	[11C]NS9531, [11C]NS9762 and [11C]NS6417, specific SERT tracers: pre-clinical evaluation in pigs and optimization of synthesis conditions using [11C]methyl triflate. <i>Nuclear Medicine and Biology</i> , <b>2016</b> , 43, 42-51	2.1	2
167	Verbal memory and 5-HT1A receptors in healthy volunteers--A PET study with [carbonyl-(11C)]WAY-100635. <i>European Neuropsychopharmacology</i> , <b>2016</b> , 26, 570-7	1.2	10
166	Highly Effective Auger-Electron Therapy in an Orthotopic Glioblastoma Xenograft Model using Convection-Enhanced Delivery. <i>Theranostics</i> , <b>2016</b> , 6, 2278-2291	12.1	15
165	Neuroticism and serotonin 5-HT1A receptors in healthy subjects. <i>Psychiatry Research - Neuroimaging</i> , <b>2015</b> , 234, 1-6	2.9	22
164	Author reply to: "Depressive symptomatology, serotonergic activity, and neuroticism: A methodological recommendation". <i>Psychiatry Research - Neuroimaging</i> , <b>2015</b> , 234, 391	2.9	
163	Long-Term Interrelationship between Brain Metabolism and Amyloid Deposition in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , <b>2015</b> , 48, 123-33	4.3	6
162	Intravenous ethanol increases dopamine release in the ventral striatum in humans: PET study using bolus-plus-infusion administration of [(11C)]raclopride. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2015</b> , 35, 424-31	7.3	28
161	Cortical 11C-PIB uptake is associated with age, APOE genotype, and gender in "healthy aging". <i>Journal of Alzheimer's Disease</i> , <b>2014</b> , 41, 193-202	4.3	30
160	ET-22CONVECTION-ENHANCED DELIVERY OF THE AUGER-ELECTRON-EMITTER 125I-UdR: A HIGHLY EFFICIENT THERAPY IN AN ORTHOTOPIC GLIOBLASTOMA XENOGRAFT MODEL. <i>Neuro-Oncology</i> , <b>2014</b> , 16, v84-v84	1	78
159	A PET Tracer for Brain $\alpha$ C Adrenoceptors, (11C)-ORM-13070: Radiosynthesis and Preclinical Evaluation in Rats and Knockout Mice. <i>Journal of Nuclear Medicine</i> , <b>2014</b> , 55, 1171-7	8.9	18
158	Good manufacturing practice production of the system A amino acid transport tracer [11C]MeAIB on a commercial synthesis module. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2014</b> , 57, 61-64	1.9	2
157	Characterization of hepatic tumors using [11C]metomidate through positron emission tomography: comparison with [11C]acetate. <i>EJNMMI Research</i> , <b>2013</b> , 3, 13	3.6	5
156	A European multicentre PET study of fibrillar amyloid in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2013</b> , 40, 104-14	8.8	148
155	Amyloid and metabolic positron emission tomography imaging of cognitively normal adults with Alzheimer's parents. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 22-34	5.6	48
154	Rostrocaudal gradients of dopamine D2/3 receptor binding in striatal subregions measured with [(11C)]raclopride and high-resolution positron emission tomography. <i>NeuroImage</i> , <b>2013</b> , 82, 252-9	7.9	15

153	Temperament, character and serotonin activity in the human brain: a positron emission tomography study based on a general population cohort. <i>Psychological Medicine</i> , <b>2013</b> , 43, 881-94	6.9	58
152	Trimetazidine reduces endogenous free fatty acid oxidation and improves myocardial efficiency in obese humans. <i>Cardiovascular Therapeutics</i> , <b>2012</b> , 30, 333-41	3.3	31
151	Striatal $\mu$ opioid receptor availability predicts cold pressor pain threshold in healthy human subjects. <i>Neuroscience Letters</i> , <b>2012</b> , 521, 11-4	3.3	22
150	Temperament trait Harm Avoidance associates with $\mu$ opioid receptor availability in frontal cortex: a PET study using [(11)C]carfentanil. <i>NeuroImage</i> , <b>2012</b> , 61, 670-6	7.9	30
149	Cognitive decline and amyloid accumulation in patients with mild cognitive impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2012</b> , 34, 31-7	2.6	9
148	Reproducibility of striatal and thalamic dopamine D2 receptor binding using [11C]raclopride with high-resolution positron emission tomography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2011</b> , 31, 155-65	7.3	30
147	Effects of antidepressant drug treatment and psychotherapy on striatal and thalamic dopamine D2/3 receptors in major depressive disorder studied with [11C]raclopride PET. <i>Journal of Psychopharmacology</i> , <b>2011</b> , 25, 1329-36	4.6	28
146	Gender differences in brain serotonin transporter availability in panic disorder. <i>Journal of Psychopharmacology</i> , <b>2011</b> , 25, 952-9	4.6	36
145	Human obesity is characterized by defective fat storage and enhanced muscle fatty acid oxidation, and trimetazidine gradually counteracts these abnormalities. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 301, E105-12	6	20
144	Development of an automated modular system for the synthesis of [11C]acetate. <i>Nuclear Medicine Communications</i> , <b>2010</b> , 31, 1033-9	1.6	6
143	Assessment of islet specificity of dihydrotetrabenazine radiotracer binding in rat pancreas and human pancreas. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 1439-46	8.9	52
142	Research letter: Psychotherapy increases brain serotonin 5-HT1A receptors in patients with major depressive disorder. <i>Psychological Medicine</i> , <b>2010</b> , 40, 523-8	6.9	77
141	Increased fibrillar amyloid- $\beta$ burden in normal individuals with a family history of late-onset Alzheimer's. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 5949-54	11.5	107
140	Positron emission tomography in at risk patients and in the progression of mild cognitive impairment to Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 19, 291-300	4.3	14
139	Increased brain fatty acid uptake in metabolic syndrome. <i>Diabetes</i> , <b>2010</b> , 59, 2171-7	0.9	132
138	Uptake of 11C-choline in mouse atherosclerotic plaques. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 798-802	8.9	42
137	Cortical dopamine D2/D3 receptors and verbal memory in man. <i>NeuroImage</i> , <b>2010</b> , 51, 918-22	7.9	6
136	Fatty acid metabolism in the liver, measured by positron emission tomography, is increased in obese individuals. <i>Gastroenterology</i> , <b>2010</b> , 139, 846-56, 856.e1-6	13.3	111

135	[(11C)PIB-, [(18F)FDG-PET and MRI imaging in patients with Parkinson's disease with and without dementia. <i>Parkinsonism and Related Disorders</i> , <b>2010</b> , 16, 666-70	3.6	62
134	Radiosynthesis and evaluation of 11C-CIMBI-5 as a 5-HT <sub>2A</sub> receptor agonist radioligand for PET. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 1763-70	8.9	40
133	EANM procedure guidelines for brain neurotransmission SPECT/PET using dopamine D <sub>2</sub> receptor ligands, version 2. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2010</b> , 37, 434-42	8.8	44
132	EANM procedure guidelines for brain neurotransmission SPECT using (123I)-labelled dopamine transporter ligands, version 2. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2010</b> , 37, 443-50	8.8	208
131	Human biodistribution and radiation dosimetry of 11C-(R)-PK11195, the prototypic PET ligand to image inflammation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2010</b> , 37, 606-12	8.8	34
130	Radiopharmaceuticals for positron emission tomography investigations of Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2010</b> , 37, 1575-93	8.8	23
129	COMT Val158Met genotype does not alter cortical or striatal dopamine D <sub>2</sub> receptor availability in vivo. <i>Molecular Imaging and Biology</i> , <b>2010</b> , 12, 192-7	3.8	28
128	Human dosimetry of carbon-11 labeled N-butan-2-yl-1-(2-chlorophenyl)-N-methylisoquinoline-3-carboxamide extrapolated from whole-body distribution kinetics and radiometabolism in rats. <i>Molecular Imaging and Biology</i> , <b>2010</b> , 12, 435-42	3.8	9
127	The effects of lorazepam on extrastriatal dopamine D <sub>2/3</sub> -receptors-A double-blind randomized placebo-controlled PET study. <i>Psychiatry Research - Neuroimaging</i> , <b>2009</b> , 174, 130-7	2.9	7
126	Differential associations between brain 5-HT <sub>1A</sub> receptor binding and response to pain versus touch. <i>Journal of Neural Transmission</i> , <b>2009</b> , 116, 821-30	4.3	4
125	Uptake of inflammatory cell marker [11C]PK11195 into mouse atherosclerotic plaques. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 73-80	8.8	40
124	Measurement of central mu-opioid receptor binding in vivo with PET and [11C]carfentanil: a test-retest study in healthy subjects. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 275-86	8.8	55
123	The effects of d-amphetamine on extrastriatal dopamine D <sub>2/3</sub> receptors: a randomized, double-blind, placebo-controlled PET study with [11C]FLB 457 in healthy subjects. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 475-83	8.8	31
122	Whole-body distribution and metabolism of [N-methyl-11C](R)-1-(2-chlorophenyl)-N-(1-methylpropyl)-3-isoquinolinecarboxamide in humans; an imaging agent for in vivo assessment of peripheral benzodiazepine receptor activity with positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 671-82	8.8	35
121	Reproducibility of automated simplified voxel-based analysis of PET amyloid ligand [11C]PIB uptake using 30-min scanning data. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 1651-60	8.8	22
120	EANM procedure guidelines for PET brain imaging using [18F]FDG, version 2. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 2103-10	8.8	377
119	EANM procedure guideline for brain perfusion SPECT using 99mTc-labelled radiopharmaceuticals, version 2. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 2093-102	8.8	105
118	C957T polymorphism of dopamine D <sub>2</sub> receptor gene affects striatal DRD <sub>2</sub> in vivo availability by changing the receptor affinity. <i>Synapse</i> , <b>2009</b> , 63, 907-12	2.4	136

117	C957T polymorphism of the human dopamine D2 receptor gene predicts extrastriatal dopamine receptor availability in vivo. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2009</b> , 33, 630-6	5.5	94
116	Preliminary study of carbon-11 methionine PET in the evaluation of early response to therapy in advanced breast cancer. <i>Nuclear Medicine Communications</i> , <b>2009</b> , 30, 30-6	1.6	38
115	Myocardial blood flow and adenosine A2A receptor density in endurance athletes and untrained men. <i>Journal of Physiology</i> , <b>2008</b> , 586, 5193-202	3.9	29
114	Measurement of striatal and extrastriatal dopamine transporter binding with high-resolution PET and [11C]PE2I: quantitative modeling and test-retest reproducibility. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2008</b> , 28, 1059-69	7.3	60
113	Measurement of GABAA receptor binding in vivo with [11C]flumazenil: a test-retest study in healthy subjects. <i>NeuroImage</i> , <b>2008</b> , 41, 260-9	7.9	34
112	Application of 18F-PET Imaging for the Study of Alzheimer's Disease <b>2008</b> , 67-84		1
111	Assessment of beta-amyloid in a frontal cortical brain biopsy specimen and by positron emission tomography with carbon 11-labeled Pittsburgh Compound B. <i>Archives of Neurology</i> , <b>2008</b> , 65, 1304-9		179
110	Trimetazidine, a metabolic modulator, has cardiac and extracardiac benefits in idiopathic dilated cardiomyopathy. <i>Circulation</i> , <b>2008</b> , 118, 1250-8	16.7	186
109	The lowering of hepatic fatty acid uptake improves liver function and insulin sensitivity without affecting hepatic fat content in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2008</b> , 295, E413-9	6	35
108	Decreased brain serotonin 5-HT1A receptor availability in medication-naive patients with major depressive disorder: an in-vivo imaging study using PET and [carbonyl-11C]WAY-100635. <i>International Journal of Neuropsychopharmacology</i> , <b>2008</b> , 11, 465-76	5.8	126
107	1-11C-methyl-4-piperidinyl-N-butyrate radiation dosimetry in humans by dynamic organ-specific evaluation. <i>Journal of Nuclear Medicine</i> , <b>2008</b> , 49, 347-53	8.9	12
106	Pancreatic glucose uptake in vivo in men with newly diagnosed type 1 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 1909-14	5.6	7
105	Xenon does not affect gamma-aminobutyric acid type A receptor binding in humans. <i>Anesthesia and Analgesia</i> , <b>2008</b> , 106, 129-34, table of contents	3.9	27
104	Carbon 11-labeled pittsburgh compound B positron emission tomographic amyloid imaging in patients with APP locus duplication. <i>Archives of Neurology</i> , <b>2008</b> , 65, 540-4		59
103	Posterior cortical atrophy: a rare form of dementia with in vivo evidence of amyloid-beta accumulation. <i>Journal of Alzheimer's Disease</i> , <b>2008</b> , 15, 351-5	4.3	31
102	Striatal dopamine D2 receptors in medication-naive patients with major depressive disorder as assessed with [11C]raclopride PET. <i>Psychopharmacology</i> , <b>2008</b> , 197, 581-90	4.7	50
101	Regional analysis of FDG and PIB-PET images in normal aging, mild cognitive impairment, and Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2008</b> , 35, 2169-81	8.8	217
100	Effects of intravenous placebo with glucose expectation on human basal ganglia dopaminergic function. <i>Synapse</i> , <b>2008</b> , 62, 682-8	2.4	29

99	Cognitive reserve hypothesis: Pittsburgh Compound B and fluorodeoxyglucose positron emission tomography in relation to education in mild Alzheimer's disease. <i>Annals of Neurology</i> , <b>2008</b> , 63, 112-8	9.4	184
98	Effects of intravenous glucose on dopaminergic function in the human brain in vivo. <i>Synapse</i> , <b>2007</b> , 61, 748-56	2.4	103
97	Measurement of serotonin 5-HT <sub>1A</sub> receptor binding using positron emission tomography and [carbonyl-(11C)]WAY-100635-considerations on the validity of cerebellum as a reference region. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2007</b> , 27, 185-95	7.3	57
96	Substantial thalamostriatal dopaminergic defect in Unverricht-Lundborg disease. <i>Epilepsia</i> , <b>2007</b> , 48, 1768-1773	6.4	34
95	Correlation of human cold pressor pain responses with 5-HT <sub>1A</sub> receptor binding in the brain. <i>Brain Research</i> , <b>2007</b> , 1172, 21-31	3.7	32
94	Dopamine D <sub>2</sub> /D <sub>3</sub> receptor binding in the anterior cingulate cortex and executive functioning. <i>Psychiatry Research - Neuroimaging</i> , <b>2007</b> , 156, 69-74	2.9	42
93	Human radiation dosimetry of [11C]MeAIB, a new tracer for imaging of system A amino acid transport. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2006</b> , 33, 1178-84	8.8	16
92	Striatal dopamine D <sub>1</sub> and D <sub>2</sub> receptor balance in twins at increased genetic risk for schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2006</b> , 146, 13-20	2.9	27
91	Free fatty acid depletion acutely decreases cardiac work and efficiency in cardiomyopathic heart failure. <i>Circulation</i> , <b>2006</b> , 114, 2130-7	16.7	173
90	Decreased myocardial free fatty acid uptake in patients with idiopathic dilated cardiomyopathy: evidence of relationship with insulin resistance and left ventricular dysfunction. <i>Journal of Cardiac Failure</i> , <b>2006</b> , 12, 644-52	3.3	78
89	[11C]palmitate kinetics across the splanchnic bed in arterial, portal and hepatic venous plasma during fasting and euglycemic hyperinsulinemia. <i>Nuclear Medicine and Biology</i> , <b>2006</b> , 33, 521-8	2.1	15
88	Association of striatal dopamine D <sub>2</sub> /D <sub>3</sub> receptor binding potential with pain but not tactile sensitivity or placebo analgesia. <i>Neuroscience Letters</i> , <b>2005</b> , 376, 149-53	3.3	47
87	Subanesthetic ketamine does not affect 11C-flumazenil binding in humans. <i>Anesthesia and Analgesia</i> , <b>2005</b> , 101, 722-725	3.9	20
86	Increased caudate dopamine D <sub>2</sub> receptor availability as a genetic marker for schizophrenia. <i>Archives of General Psychiatry</i> , <b>2005</b> , 62, 371-8		127
85	Cortical glutamate-dopamine interaction and ketamine-induced psychotic symptoms in man. <i>Psychopharmacology</i> , <b>2005</b> , 182, 375-83	4.7	74
84	Prolonged central mu-opioid receptor occupancy after single and repeated nalmefene dosing. <i>Neuropsychopharmacology</i> , <b>2005</b> , 30, 2245-53	8.7	66
83	Frontal and temporal dopamine release during working memory and attention tasks in healthy humans: a positron emission tomography study using the high-affinity dopamine D <sub>2</sub> receptor ligand [11C]FLB 457. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 2471-7	6.6	234
82	Effects of fluoxetine on dopamine D <sub>2</sub> receptors in the human brain: a positron emission tomography study with [11C]raclopride. <i>International Journal of Neuropsychopharmacology</i> , <b>2004</b> , 7, 431-9 <sup>8</sup>		27

81	Expectation of caffeine induces dopaminergic responses in humans. <i>European Journal of Neuroscience</i> , <b>2004</b> , 19, 2352-6	3.5	97
80	Striatal dopamine D2/D3 receptor availability correlates with individual response characteristics to pain. <i>European Journal of Neuroscience</i> , <b>2004</b> , 20, 1587-92	3.5	66
79	Insular dopamine D2 receptors and novelty seeking personality in Parkinson's disease. <i>Movement Disorders</i> , <b>2004</b> , 19, 1348-51	7	46
78	Brain serotonin 1A receptor binding in bulimia nervosa. <i>Biological Psychiatry</i> , <b>2004</b> , 55, 871-3	7.9	67
77	Alfentanil increases cortical dopamine D2/D3 receptor binding in healthy subjects. <i>Pain</i> , <b>2004</b> , 109, 86-93	3	29
76	Sevoflurane and propofol increase <sup>11</sup> C-flumazenil binding to gamma-aminobutyric acidA receptors in humans. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 99, 1420-1426	3.9	40
75	Dopaminergic effects of caffeine in the human striatum and thalamus. <i>NeuroReport</i> , <b>2004</b> , 15, 281-5	1.7	46
74	Uptake of [N-methyl- <sup>11</sup> C]alpha-methylaminoisobutyric acid in untreated head and neck cancer studied by PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2003</b> , 30, 72-7	8.8	31
73	PET and knockout mice in drug discovery. <i>Drug Discovery Today</i> , <b>2003</b> , 8, 876	8.8	4
72	Preparation of 4-[ <sup>11</sup> C]methylmetaraminol, a potential PET tracer for assessment of myocardial sympathetic innervation. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2003</b> , 46, 55-65	1.9	15
71	Radiolabeling and biodistribution of methyl 2-(methoxycarbonyl)-2-(methylamino) bicyclo[2.1.1]-hexane -5-carboxylate, a potential neuroprotective drug. <i>Life Sciences</i> , <b>2003</b> , 73, 1577-85	6.8	3
70	Striatal dopamine D1 and D2 receptors in burning mouth syndrome. <i>Pain</i> , <b>2003</b> , 101, 149-54	8	186
69	Altered dopamine D2 receptor binding in atypical facial pain. <i>Pain</i> , <b>2003</b> , 106, 43-8	8	152
68	Metabolic characterization of childhood brain tumors: comparison of <sup>18</sup> F-fluorodeoxyglucose and <sup>11</sup> C-methionine positron emission tomography. <i>Cancer</i> , <b>2002</b> , 95, 1376-86	6.4	91
67	Ketamine does not decrease striatal dopamine D2 receptor binding in man. <i>Psychopharmacology</i> , <b>2002</b> , 164, 401-6	4.7	58
66	Synthesis, radiolabeling and preliminary biological evaluation of radiolabeled 5-methyl-6-nitroquipazine, a potential radioligand for the serotonin transporter. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2002</b> , 12, 3611-3	2.9	17
65	Age-related loss of extrastriatal dopamine D(2) -like receptors in women. <i>Journal of Neurochemistry</i> , <b>2002</b> , 81, 1005-10	6	39
64	Mu-receptor agonism with alfentanil increases striatal dopamine D2 receptor binding in man. <i>Synapse</i> , <b>2002</b> , 45, 25-30	2.4	49

63	Amino acid uptake in the skeletal muscle measured using [11C]methylaminoisobutyrate (MEAIB) and PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2002</b> , 29, 1485-91	8.8	11
62	Regional effects of donepezil and rivastigmine on cortical acetylcholinesterase activity in Alzheimer's disease. <i>Journal of Clinical Psychopharmacology</i> , <b>2002</b> , 22, 615-20	1.7	101
61	PET examination of [(11C)5-methyl-6-nitroquipazine, a radioligand for visualization of the serotonin transporter. <i>Nuclear Medicine and Biology</i> , <b>2002</b> , 29, 651-6	2.1	24
60	Dopamine D2 receptor binding in the human brain is associated with the response to painful stimulation and pain modulatory capacity. <i>Pain</i> , <b>2002</b> , 99, 273-9	8	108
59	Synthesis of high-specific-radioactivity 4- and 6-[18F]fluorometaraminol-PET tracers for the adrenergic nervous system of the heart. <i>Bioorganic and Medicinal Chemistry</i> , <b>2001</b> , 9, 677-94	3.4	40
58	Decreased binding of [11C]flumazenil in Angelman syndrome patients with GABA(A) receptor beta3 subunit deletions. <i>Annals of Neurology</i> , <b>2001</b> , 49, 110-3	9.4	48
57	Measurement of cortical dopamine d1 receptor binding with 11C[SCH23390]: a test-retest analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2001</b> , 21, 1146-50	7.3	26
56	Sex differences in extrastriatal dopamine d(2)-like receptors in the human brain. <i>American Journal of Psychiatry</i> , <b>2001</b> , 158, 308-11	11.9	125
55	Biodistribution of [11C] methylaminoisobutyric acid, a tracer for PET studies on system A amino acid transport in vivo. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2001</b> , 28, 847-54		34
54	Use of [11C]acetate and [15O]O2 PET for the assessment of myocardial oxygen utilization in patients with chronic myocardial infarction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2001</b> , 28, 334-9		12
53	Reduced myocardial carbon-11 hydroxyephedrine retention is associated with poor prognosis in chronic heart failure. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2001</b> , 28, 373-6		79
52	A fast and convenient method for robotic preparation of [11C]flumazenil avoiding HPLC purification. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2000</b> , 43, 613-621	1.9	4
51	[N-methyl-11C]MeAIB, a tracer for system A amino acid transport: preparation from [11C]methyl triflate and HPLC metabolite analysis of plasma samples after intravenous administration in man. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2000</b> , 43, 1013-1021	1.9	15
50	Preparation of [18F]ECFT-FP and [11C]ECFT-FP, selective radioligands for visualisation of the dopamine transporter using positron emission tomography (PET). <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2000</b> , 43, 1235-1244	1.9	17
49	Myocardial efficiency during levosimendan infusion in congestive heart failure. <i>Clinical Pharmacology and Therapeutics</i> , <b>2000</b> , 68, 522-31	6.1	174
48	Measurement of extrastriatal D2-like receptor binding with [11C]FLB 457--a test-retest analysis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2000</b> , 27, 1666-73	8.8	44
47	Age-related dopamine D2/D3 receptor loss in extrastriatal regions of the human brain. <i>Neurobiology of Aging</i> , <b>2000</b> , 21, 683-8	5.6	273
46	Quantification of [Carbonyl-(11C)WAY-100635 binding: considerations on the cerebellum. <i>Nuclear Medicine and Biology</i> , <b>2000</b> , 27, 483-6	2.1	17



45	Carbon-11 pb-12: an attempt to visualize the dopamine d(4) receptor in the primate brain with positron emission tomography. <i>Nuclear Medicine and Biology</i> , <b>2000</b> , 27, 707-14	2.1	24
44	[N-methyl-11C]MeAIB, a tracer for system A amino acid transport: preparation from [11C]methyl triflate and HPLC metabolite analysis of plasma samples after intravenous administration in man <b>2000</b> , 43, 1013		1
43	Measurement of striatal D2 dopamine receptor density and affinity with [11C]-raclopride in vivo: a test-retest analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1999</b> , 19, 210-7	7.3	69
42	Brain 5-HT2A receptor occupancy of deramciclane in humans after a single oral administration--a positron emission tomography study. <i>Psychopharmacology</i> , <b>1999</b> , 145, 76-81	4.7	9
41	Cardiac positron emission tomography imaging with [11C]hydroxyephedrine, a specific tracer for sympathetic nerve endings, and its functional correlates in congestive heart failure. <i>American Journal of Cardiology</i> , <b>1999</b> , 84, 568-74	3	50
40	Precursor synthesis and radiolabelling of the dopamine D2 receptor ligand [11C]raclopride from [11C]methyl triflate. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1999</b> , 42, 1183-1193	1.9	97
39	Improved syntheses of the PET radioligands, [11C]FLB 457, [11C]MDL 100907 and [11C]ECIT-FE, by the use of [11C]methyl triflate. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1998</b> , 41, 545-556	1.9	34
38	Methylation of amide and thiol functions with [11C]methyl triflate, as exemplified by [11C]NMSP[11C]flumazenil and [11C]methionine. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1998</b> , 41, 831-841	1.9	51
37	Use of carbon-11 methionine positron emission tomography to assess malignancy grade and predict survival in patients with lymphomas. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>1998</b> , 25, 729-35	8.8	28
36	Antagonist binding characteristics of the Ser311-->Cys variant of human dopamine D2 receptor in vivo and in vitro. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 232, 143-6	3.4	10
35	Effects of lorazepam administration on striatal dopamine D2 receptor binding characteristics in man--a positron emission tomography study. <i>Psychopharmacology</i> , <b>1997</b> , 132, 361-5	4.7	10
34	A PET Study on the Acute Effect of Ethanol on Striatal D2 Dopamine Receptors with [11C]Raclopride in Healthy Males. <i>Human Psychopharmacology</i> , <b>1997</b> , 12, 145-152	2.3	18
33	Preparation of 4- and 6-[76Br] bromometaraminol, two potential radiotracers for the study of the myocardial norepinephrine neuronal reuptake system with PET. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1997</b> , 39, 803-816	1.9	8
32	Myocardial efficiency during calcium sensitization with levosimendan: a noninvasive study with positron emission tomography and echocardiography in healthy volunteers. <i>Clinical Pharmacology and Therapeutics</i> , <b>1997</b> , 61, 596-607	6.1	92
31	[11C]metaraminol, a false neurotransmitter: preparation, metabolite studies and positron emission tomography examination in monkey. <i>Nuclear Medicine and Biology</i> , <b>1996</b> , 23, 221-7	2.1	11
30	Effects of cocaine on [11C]norepinephrine and [11C] beta-CIT uptake in the primate peripheral organs measured by PET. <i>Annals of Nuclear Medicine</i> , <b>1996</b> , 10, 85-8	2.5	7
29	PET examination of the monoamine transporter with [11C]beta-CIT and [11C]beta-CFT in early Parkinson's disease. <i>Synapse</i> , <b>1995</b> , 21, 97-103	2.4	55
28	Improved synthesis of some commonly used PET radioligands by the use of [11C]methyl triflate. <i>Nuclear Medicine and Biology</i> , <b>1995</b> , 22, 235-9	2.1	86

27	Comparison of [11C]methyl triflate and [11C]methyl iodide in the synthesis of PET radioligands such as [11C]beta-CIT and [11C]beta-CFT. <i>Nuclear Medicine and Biology</i> , <b>1995</b> , 22, 965-79	2.1	54
26	Some new methods for the synthesis of cardiac neurotransmission PET radiotracers. <i>Nuclear Medicine and Biology</i> , <b>1995</b> , 22, 1037-43	2.1	2
25	An HPLC-method for determination of ligand metabolism during PET studies with [11C]metaraminol and [11C]norepinephrine. <i>Nuclear Medicine and Biology</i> , <b>1995</b> , 22, 1045-8	2.1	1
24	PET examination of the monkey heart with high specific radioactivity [11C]norepinephrine and [11C]metaraminol. <i>Nuclear Medicine and Biology</i> , <b>1995</b> , 22, 1053-6	2.1	
23	Increased density of dopamine D2 receptors in the putamen, but not in the caudate nucleus in early Parkinson's disease: a PET study with [11C]raclopride. <i>Journal of the Neurological Sciences</i> , <b>1995</b> , 132, 156-61	3.2	93
22	Evaluation of response to radiotherapy in head and neck cancer by positron emission tomography and [11C]methionine. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>1995</b> , 32, 787-94	4	47
21	Striatal D2 dopamine receptor binding characteristics in vivo in patients with alcohol dependence. <i>Psychopharmacology</i> , <b>1994</b> , 116, 285-90	4.7	203
20	Selective synthesis of racemic 1-11C-labelled norepinephrine, octopamine, norphenylephrine and phenylethanolamine using [11C]nitromethane. <i>Applied Radiation and Isotopes</i> , <b>1994</b> , 45, 515-21	1.7	17
19	Preparation of [1-11C]dopamine, [1-11C]p-tyramine and [1-11C]m-tyramine. Autoradiography and PET examination of [1-11C]dopamine in primates. <i>Nuclear Medicine and Biology</i> , <b>1993</b> , 20, 669-78	2.1	12
18	Decrease in human striatal dopamine D2 receptor density with age: a PET study with [11C]raclopride. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1993</b> , 13, 310-4	7.3	162
17	Quality Control Aspects in the Preparation of [11C]-Methionine <b>1993</b> , 81-87		3
16	[11C]methionine quantitation in cancer PET studies. <i>Journal of Computer Assisted Tomography</i> , <b>1992</b> , 16, 468-74	2.2	13
15	(S)- and (R)-[11C]nicotine and the metabolite (R/S)-[11C]cotinine. Preparation, metabolite studies and in vivo distribution in the human brain using PET. <i>International Journal of Radiation Applications and Instrumentation Part B, Nuclear Medicine and Biology</i> , <b>1992</b> , 19, 871-80		33
14	Preparation of the antioestrogenic compound N-[methyl-11C]-toremifene for the study of oestrogen-receptor positive tumors in vivo. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1991</b> , 29, 1085-1089	1.9	9
13	An alternative synthesis of DL-[1-11C]Alanine from [11C]HCN. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , <b>1990</b> , 41, 1187-1191		6
12	Synthesis of D/L- and L-SE-[methyl-11C]selenomethionine. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1988</b> , 25, 133-139	1.9	4
11	Synthesis of two S-(methyl-3H)-labelled enkephalins and S-(methyl-14C)substance P. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1988</b> , 25, 141-148	1.9	
10	Synthesis of three 11C-labelled methionine-containing enkephalin analogues. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1988</b> , 25, 149-160	1.9	8

9	Preparation and <sup>11</sup> C-labelling of a Substance P analogue containing D-tryptophan in positions 7 and 9. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1988</b> , 497-502		5
8	<sup>11</sup> C-labelling of substance P. Preparation of a homocysteine-containing precursor and its subsequent application in the synthesis of the labelled neuropeptide. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1987</b> , 2241-2247		5
7	The synthesis of the neuropeptide Met-enkephalin and two metabolic fragments labelled with <sup>11</sup> C in the methionine methyl group. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , <b>1986</b> , 37, 537-9		14
6	Receptor binding of N-(methyl- <sup>11</sup> C) clozapine in the brain of rhesus monkey studied by positron emission tomography (PET). <i>Psychopharmacology</i> , <b>1986</b> , 89, 248-52	4.7	77
5	Distribution of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine in experimental animals studied by positron emission tomography and whole body autoradiography. <i>Life Sciences</i> , <b>1986</b> , 38, 89-97	6.8	11
4	Kinetics of four <sup>11</sup> C-labelled enkephalin peptides in the brain, pituitary and plasma of rhesus monkeys. <i>Regulatory Peptides</i> , <b>1986</b> , 16, 1-13		19
3	Protected homocysteine peptides as precursors of labelled methionine peptides. Application in preparation of methionine-enkephalin. <i>Acta Chemica Scandinavica</i> , <b>1985</b> , 39, 157-61		5
2	<sup>11</sup> C-methionine kinetics in pregnant rhesus monkeys studied by positron emission tomography: a new approach to feto-maternal metabolism. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>1984</b> , 63, 641-5	3.8	11
1	Discrepancies in brain tumor extent as shown by computed tomography and positron emission tomography using [ <sup>68</sup> Ga]EDTA, [ <sup>11</sup> C]glucose, and [ <sup>11</sup> C]methionine. <i>Journal of Computer Assisted Tomography</i> , <b>1983</b> , 7, 1062-6	2.2	176