Alan A Wilson

List of Publications by Year
in descending order

220 papers	16,474 citations	10070 75 h-index	20625 120 g-index
227 all docs	227 docs citations	227 times ranked	12106 citing authors

#	Article	IF	Citations
1	In vivo imaging translocator protein (TSPO) in autism spectrum disorder. Neuropsychopharmacology, 2022, 47, 1421-1427.	2.8	10
2	Peripheral benzodiazepine receptor/18ÂkDa translocator protein positron emission tomography imaging in a rat model of acute brain injury. Annals of Nuclear Medicine, 2021, 35, 8-16.	1.2	3
3	Stressâ€induced cortical dopamine response is altered in subjects at clinical high risk for psychosis using cannabis. Addiction Biology, 2020, 25, e12812.	1.4	9
4	Replicating predictive serum correlates of greater translocator protein distribution volume in brain. Neuropsychopharmacology, 2020, 45, 925-931.	2.8	20
5	Imaging Brain Fatty Acid Amide Hydrolase in Untreated Patients With Psychosis. Biological Psychiatry, 2020, 88, 727-735.	0.7	18
6	Occupancy of dopamine D2 and D3 receptors by a novel D3 partial agonist BP1.4979: a [11C]-(+)-PHNO PET study in humans. Neuropsychopharmacology, 2019, 44, 1284-1290.	2.8	13
7	Monoamine Oxidase B Total Distribution Volume in the Prefrontal Cortex of Major Depressive Disorder. JAMA Psychiatry, 2019, 76, 634.	6.0	74
8	Small Molecules as Radiopharmaceutical Vectors. , 2019, , 119-136.		8
9	Preliminary data indicating a connection between stress-induced prefrontal dopamine release and hippocampal TSPO expression in the psychosis spectrum. Schizophrenia Research, 2019, 213, 80-86.	1.1	8
10	GABA levels and TSPO expression in people at clinical high risk for psychosis and healthy volunteers: a PET-MRS study. Journal of Psychiatry and Neuroscience, 2019, 44, 111-119.	1.4	26
11	Association of translocator protein total distribution volume with duration of untreated major depressive disorder: a cross-sectional study. Lancet Psychiatry,the, 2018, 5, 339-347.	3.7	192
12	Interaction between TSPOâ€"a neuroimmune markerâ€"and redox status in clinical high risk for psychosis: a PETâ€"MRS study. Neuropsychopharmacology, 2018, 43, 1700-1705.	2.8	22
13	Influence of Nicotine Metabolism Ratio on [11C]-(+)-PHNO PET Binding in Tobacco Smokers. International Journal of Neuropsychopharmacology, 2018, 21, 503-512.	1.0	9
14	Nigral Stress-Induced Dopamine Release in Clinical High Risk and Antipsychotic-NaÃ¯ve Schizophrenia. Schizophrenia Bulletin, 2018, 44, 542-551.	2.3	26
15	Cortical stress regulation is disrupted in schizophrenia but not in clinical high risk for psychosis. Brain, 2018, 141, 2213-2224.	3.7	32
16	TSPO expression and brain structure in the psychosis spectrum. Brain, Behavior, and Immunity, 2018, 74, 79-85.	2.0	17
17	A Preliminary Investigation of the Effect of Acute Alcohol on Dopamine Transmission as Assessed by [11C]-(+)-PHNO. Alcoholism: Clinical and Experimental Research, 2017, 41, 1112-1119.	1.4	7
18	Investigating the effects of norepinephrine Î±1 receptor blockade on dopamine levels: A pilot PET study with [¹¹C]â€(+)â€PHNO in controls. Synapse, 2017, 71, e21968.	0.6	2

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19	Inflammation in the Neurocircuitry of Obsessive-Compulsive Disorder. JAMA Psychiatry, 2017, 74, 833.	6.0	132
20	Imaging Microglial Activation in Individuals at Clinical High Risk for Psychosis: an In Vivo PET Study with [18F]FEPPA. Neuropsychopharmacology, 2017, 42, 2474-2481.	2.8	47
21	Lipoic acid and haloperidol-induced vacuous chewing movements: Implications for prophylactic antioxidant use in tardive dyskinesia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 72, 23-29.	2.5	10
22	Imaging Microglial Activation in Untreated First-Episode Psychosis: A PET Study With [¹⁸F]FEPPA. American Journal of Psychiatry, 2017, 174, 118-124.	4.0	103
23	Increased Seasonal Variation in Serotonin Transporter Binding in Seasonal Affective Disorder. Neuropsychopharmacology, 2016, 41, 2447-2454.	2.8	40
24	Heightened Dopaminergic Response to Amphetamine at the D3 Dopamine Receptor in Methamphetamine Users. Neuropsychopharmacology, 2016, 41, 2994-3002.	2.8	62
25	Amyloid deposition in semantic dementia: a positron emission tomography study. International Journal of Geriatric Psychiatry, 2016, 31, 1064-1074.	1.3	9
26	Estimating the effect of endogenous dopamine on baseline [¹¹C]â€(+)â€PHNO binding in the human brain. Synapse, 2016, 70, 453-460.	0.6	12
27	¹¹Cî€O bonds made easily for positron emission tomography radiopharmaceuticals. Chemical Society Reviews, 2016, 45, 4708-4726.	18.7	98
28	Association of ventral striatum monoamine oxidase-A binding and functional connectivity in antisocial personality disorder with high impulsivity: A positron emission tomography and functional magnetic resonance imaging study. European Neuropsychopharmacology, 2016, 26, 777-786.	0.3	26
29	D ₃ dopamine receptor-preferring [¹¹ C]PHNO PET imaging in Parkinson patients with dyskinesia. Neurology, 2016, 86, 224-230.	1.5	49
30	Elevated Monoamine Oxidase-A Distribution Volume in Borderline Personality Disorder Is Associated With Severity Across Mood Symptoms, Suicidality, and Cognition. Biological Psychiatry, 2016, 79, 117-126.	0.7	35
31	Monoamine Oxidase-A Occupancy by Moclobemide and Phenelzine: Implications for the Development of Monoamine Oxidase Inhibitors. International Journal of Neuropsychopharmacology, 2016, 19, pyv078.	1.0	27
32	Occupancy of Dopamine D3 and D2 Receptors by Buspirone: A [11C]-(+)-PHNO PET Study in Humans. Neuropsychopharmacology, 2016, 41, 529-537.	2.8	24
33	Lack of Age-Dependent Decrease in Dopamine D3 Receptor Availability: A [11C]-(+)-PHNO and [11C]-Raclopride Positron Emission Tomography Study. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1812-1818.	2.4	26
34	Human Kinetic Modeling of the 5HT6 PET Radioligand ¹¹C-GSK215083 and Its Utility for Determining Occupancy at Both 5HT6 and 5HT2A Receptors by SB742457 as a Potential Therapeutic Mechanism of Action in Alzheimer Disease. Journal of Nuclear Medicine, 2015, 56, 1901-1909.	2.8	24
35	Imaging Striatal Microglial Activation in Patients with Parkinsonâ€™s Disease. PLoS ONE, 2015, 10, e0138721.	1.1	95
36	Imaging Neuroinflammation in Gray and White Matter in Schizophrenia: An In-Vivo PET Study With [18F]-FEPPA. Schizophrenia Bulletin, 2015, 41, 85-93.	2.3	158

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37	[¹¹C]â€(+)â€PHNO PET imaging of dopamine D_{2/3} receptors in Parkinson's disease with impulse control disorders. Movement Disorders, 2015, 30, 160-166.	2.2	65
38	Dopamine D2/3 receptor availability in the striatum of antipsychotic-free older patients with schizophreniaâ€"A [11C]-raclopride PET study. Schizophrenia Research, 2015, 164, 263-267.	1.1	17
39	Relationship of Monoamine Oxidase-A Distribution Volume to Postpartum Depression and Postpartum Crying. Neuropsychopharmacology, 2015, 40, 429-435.	2.8	67
40	Lower Monoamine Oxidase-A Total Distribution Volume in Impulsive and Violent Male Offenders with Antisocial Personality Disorder and High Psychopathic Traits: An [11C] Harmine Positron Emission Tomography Study. Neuropsychopharmacology, 2015, 40, 2596-2603.	2.8	60
41	Role of Translocator Protein Density, a Marker of Neuroinflammation, in the Brain During Major Depressive Episodes. JAMA Psychiatry, 2015, 72, 268.	6.0	700
42	Radiosynthesis and ex vivo evaluation of [18F]-(S)-3-(6-(3-fluoropropoxy)benzo[d]isoxazol-3-yl)-5-(methoxymethyl)oxazolidin-2-one for imaging MAO-B with PET. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 288-291.	1.0	15
43	Elevated Monoamine Oxidase A Binding During Major Depressive Episodes Is Associated with Greater Severity and Reversed Neurovegetative Symptoms. Neuropsychopharmacology, 2014, 39, 973-980.	2.8	53
44	Kinetic Modeling of the Monoamine Oxidase B Radioligand [¹¹C]SL25.1188 in Human Brain with High-Resolution Positron Emission Tomography. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 883-889.	2.4	83
45	Heightened D3 Dopamine Receptor Levels in Cocaine Dependence and Contributions to the Addiction Behavioral Phenotype: A Positron Emission Tomography Study with [11C]-(+)-PHNO. Neuropsychopharmacology, 2014, 39, 311-318.	2.8	99
46	Recent methods for measuring dopamine D3 receptor occupancy in vivo: importance for drug development. Frontiers in Pharmacology, 2014, 5, 161.	1.6	38
47	Quantitative imaging of neuroinflammation in human white matter: A positron emission tomography study with translocator protein 18 kDa radioligand, [¹⁸F]â€FEPPA. Synapse, 2014, 68, 536-547.	0.6	17
48	Greater Monoamine Oxidase A Binding in Perimenopausal Age as Measured With Carbon 11â€"Labeled Harmine Positron Emission Tomography. JAMA Psychiatry, 2014, 71, 873.	6.0	58
49	Whole-Body Radiation Dosimetry of ¹¹C-Carbonyl-URB694: A PET Tracer for Fatty Acid Amide Hydrolase. Journal of Nuclear Medicine, 2014, 55, 1993-1997.	2.8	15
50	Greater Monoamine Oxidase A Binding in Alcohol Dependence. Biological Psychiatry, 2014, 75, 756-764.	0.7	21
51	Elevation of Dopamine Induced by Cigarette Smoking: Novel Insights from a [11C]-(+)-PHNO PET Study in Humans. Neuropsychopharmacology, 2014, 39, 415-424.	2.8	54
52	Radiosynthesis and ex vivo evaluation of [11C-carbonyl]carbamate- and urea-based monoacylglycerol lipase inhibitors. Nuclear Medicine and Biology, 2014, 41, 688-694.	0.3	34
53	Stress-Induced Dopamine Response in Subjects at Clinical High Risk for Schizophrenia with and without Concurrent Cannabis Use. Neuropsychopharmacology, 2014, 39, 1479-1489.	2.8	86
54	11CO2 fixation: a renaissance in PET radiochemistry. Chemical Communications, 2013, 49, 5621.	2.2	92

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55	Acutely administered antipsychotic drugs are highly selective for dopamine D2 over D3 receptors. Pharmacological Research, 2013, 70, 66-71.	3.1	24
56	Whole Body Biodistribution and Radiation Dosimetry in Humans of a New PET Ligand, [18F]-FEPPA, to Image Translocator Protein (18ÂkDa). Molecular Imaging and Biology, 2013, 15, 353-359.	1.3	23
57	Distribution of Monoamine Oxidase Proteins in Human Brain: Implications for Brain Imaging Studies. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 863-871.	2.4	173
58	Synthesis and preclinical evaluation of [11C-carbonyl]PF-04457845 for neuroimaging of fatty acid amide hydrolase. Nuclear Medicine and Biology, 2013, 40, 740-746.	0.3	28
59	The <scp>D</scp>_{2/3} dopamine receptor in pathological gambling: a positron emission tomography study with [¹¹<scp>C</scp>]â€(+)â€propylâ€hexahydroâ€naphthoâ€oxazin and [¹¹<scp>C</scp>]raclopride. Addiction, 2013, 108, 953-963.	1.7	167
60	Positron-Emission Tomography Imaging of the TSPO with [¹⁸F]FEPPA in a Preclinical Breast Cancer Model. Cancer Biotherapy and Radiopharmaceuticals, 2013, 28, 254-259.	0.7	17
61	Radiosynthesis and Evaluation of [¹¹C-Carbonyl]-Labeled Carbamates as Fatty Acid Amide Hydrolase Radiotracers for Positron Emission Tomography. Journal of Medicinal Chemistry, 2013, 56, 201-209.	2.9	42
62	Development and characterization of a promising fluorine-18 labelled radiopharmaceutical for in vivo imaging of fatty acid amide hydrolase. Bioorganic and Medicinal Chemistry, 2013, 21, 4351-4357.	1.4	29
63	Dopamine D2 and D3 binding in people at clinical high risk for schizophrenia, antipsychotic-naive patients and healthy controls while performing a cognitive task. Journal of Psychiatry and Neuroscience, 2013, 38, 98-106.	1.4	36
64	Mapping Human Brain Fatty Acid Amide Hydrolase Activity with PET. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 407-414.	2.4	65
65	Voxel-Based Imaging of Translocator Protein 18Kda (TSPO) in High-Resolution PET. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 348-350.	2.4	10
66	Presentation of Smoking-Associated Cues Does Not Elicit Dopamine Release after One-Hour Smoking Abstinence: A [11C]-(+)-PHNO PET Study. PLoS ONE, 2013, 8, e60382.	1.1	11
67	Translocator Protein (18â€‰kDa) Polymorphism (rs6971) Explains in-vivo Brain Binding Affinity of the PET Radioligand [¹⁸F]-FEPPA. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 968-972.	2.4	131
68	Whole-Body Distribution and Radiation Dosimetry of ¹¹C-(+)-PHNO, a D_{2/3} Agonist Ligand. Journal of Nuclear Medicine, 2012, 53, 1802-1806.	2.8	1
69	Convergent Effects of Acute Stress and Glucocorticoid Exposure upon MAO-A in Humans. Journal of Neuroscience, 2012, 32, 17120-17127.	1.7	29
70	Dynamic, Adaptive Changes in MAO-A Binding after Alterations in Substrate Availability: An in vivo [¹¹C]-Harmine Positron Emission Tomography Study. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 443-446.	2.4	27
71	Higher Binding of the Dopamine D₃Receptor-Preferring Ligand [¹¹C]-(+)-Propyl-Hexahydro-Naphtho-Oxazin in Methamphetamine Polydrug Users: A Positron Emission Tomography Study. Journal of Neuroscience, 2012, 32, 1353-1359.	1.7	152
72	Synthesis and PET imaging studies of [18F]2-fluoroquinolin-8-ol ([18F]CABS13) in transgenic mouse models of Alzheimer's disease. MedChemComm, 2012, 3, 1228.	3.5	29

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73	Development of new carbon-11 labelled radiotracers for imaging GABAA- and GABAB-benzodiazepine receptors. Bioorganic and Medicinal Chemistry, 2012, 20, 4482-4488.	1.4	25
74	Increased Stress-Induced Dopamine Release in Psychosis. Biological Psychiatry, 2012, 71, 561-567.	0.7	222
75	Biodistribution and Radiation Dosimetry of the Serotonin 5-HT6 Ligand [11C]GSK215083 Determined from Human Whole-Body PET. Molecular Imaging and Biology, 2012, 14, 517-521.	1.3	7
76	Towards the preparation of radiolabeled 1-aryl-3-benzyl ureas: Radiosynthesis of [11C-carbonyl] AR-A014418 by [11C]CO2 fixation. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2099-2101.	1.0	33
77	Dopamine response to psychosocial stress in humans and its relationship toÂindividual differences in personality traits. Journal of Psychiatric Research, 2012, 46, 890-897.	1.5	26
78	Serotonin Transporter Occupancy and the Functional Neuroanatomic Effects of Citalopram in Geriatric Depression. American Journal of Geriatric Psychiatry, 2011, 19, 1016-1025.	0.6	27
79	Effects of antipsychotics on D3 receptors: A clinical PET study in first episode antipsychotic naive patients with schizophrenia using [11C]-(+)-PHNO. Schizophrenia Research, 2011, 131, 63-68.	1.1	78
80	[11C]CURB: Evaluation of a novel radiotracer for imaging fatty acid amide hydrolase by positron emission tomography. Nuclear Medicine and Biology, 2011, 38, 247-253.	0.3	76
81	Development of new radiopharmaceuticals for imaging monoamine oxidase B. Nuclear Medicine and Biology, 2011, 38, 933-943.	0.3	40
82	Quantitation of Translocator Protein Binding in Human Brain with the Novel Radioligand [¹⁸F]-FEPPA and Positron Emission Tomography. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1807-1816.	2.4	98
83	Distribution of Vesicular Monoamine Transporter 2 Protein in Human Brain: Implications for Brain Imaging Studies. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 2065-2075.	2.4	23
84	Isoflurane Anaesthesia Differentially Affects the Amphetamine Sensitivity of Agonist and Antagonist D2/D3 Positron Emission Tomography Radiotracers: Implications for In Vivo Imaging of Dopamine Release. Molecular Imaging and Biology, 2011, 13, 737-746.	1.3	26
85	A rapid oneâ€step radiosynthesis of [¹¹C]â€dâ€threoâ€methylphenidate. Journal of Labelled Compounds and Radiopharmaceuticals, 2011, 54, 168-170.	0.5	3
86	Radiosynthesis of [¹¹C]SL25.1188 via [¹¹C]CO₂ fixation for imaging monoamine oxidase B. Journal of Labelled Compounds and Radiopharmaceuticals, 2011, 54, 678-680.	0.5	67
87	Synthesis and Application of Isocyanates Radiolabeled with Carbonâ€11. Chemistry - A European Journal, 2011, 17, 259-264.	1.7	73
88	Monoamine oxidase A inhibitor occupancy during treatment of major depressive episodes with moclobemide or St. Johnâ€™s wort: an [¹¹C]-harmine PET study. Journal of Psychiatry and Neuroscience, 2011, 36, 375-382.	1.4	49
89	Monoamine Oxidase A Binding in the Prefrontal and Anterior Cingulate Cortices During Acute Withdrawal From Heavy Cigarette Smoking. Archives of General Psychiatry, 2011, 68, 817.	13.8	67
90	Influence of a low dose of amphetamine on vesicular monoamine transporter binding: A PET (+)[¹¹C]DTBZ study in humans. Synapse, 2010, 64, 417-420.	0.6	19

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91	Radiolabeled Small Molecule Protein Kinase Inhibitors for Imaging with PET or SPECT. Molecules, 2010, 15, 8260-8278.	1.7	53
92	Side Effects Profile in Humans of ¹¹C-(+)-PHNO, a Dopamine D_{2/3} Agonist Ligand for PET. Journal of Nuclear Medicine, 2010, 51, 496-497.	2.8	19
93	Elevated Brain Monoamine Oxidase A Binding in the Early Postpartum Period. Archives of General Psychiatry, 2010, 67, 468.	13.8	177
94	Towards the development of new subtype-specific muscarinic receptor radiopharmaceuticals â€" Radiosynthesis and ex vivo biodistribution of [¹⁸F]3-(4-(2-(2-(2-fluoroethoxy)ethoxy)ethylthio)-1,2,5-thiadiazol-3-yl)-1-methyl-1,2,5,6-tetrahydropyridine. Canadian Journal of Chemistry, 2010, 88, 1222-1232.	0.6	5
95	Evaluation of 11C-GSK189254 as a Novel Radioligand for the H3 Receptor in Humans Using PET. Journal of Nuclear Medicine, 2010, 51, 1021-1029.	2.8	68
96	The Antipsychotics Olanzapine, Risperidone, Clozapine, and Haloperidol Are D2-Selective Ex Vivo but Not In Vitro. Neuropsychopharmacology, 2010, 35, 1826-1835.	2.8	57
97	Decreased cerebral cortical serotonin transporter binding in ecstasy users: a positron emission tomography/[11C]DASB and structural brain imaging study. Brain, 2010, 133, 1779-1797.	3.7	134
98	Imaging Dopamine D3 Receptors in the Human Brain with Positron Emission Tomography, [11C]PHNO, and a Selective D3 Receptor Antagonist. Biological Psychiatry, 2010, 68, 392-399.	0.7	140
99	Radiosynthesis and ex vivo evaluation of (R)-(âˆ')-2-chloro-N-[1-11C-propyl]n-propylnorapomorphine. Nuclear Medicine and Biology, 2010, 37, 35-40.	0.3	2
100	Systemic catechol-O-methyl transferase inhibition enables the D1 agonist radiotracer R-[11C]SKF 82957. Nuclear Medicine and Biology, 2010, 37, 837-843.	0.3	15
101	Direct fixation of [¹¹C]-CO₂by amines: formation of [¹¹C-carbonyl]-methylcarbamates. Organic and Biomolecular Chemistry, 2010, 8, 428-432.	1.5	64
102	Brain Monoamine Oxidase A Binding in Major Depressive Disorder. Archives of General Psychiatry, 2009, 66, 1304.	13.8	166
103	The Effect of Antipsychotics on the High-Affinity State of D2 and D3 Receptors. Archives of General Psychiatry, 2009, 66, 606.	13.8	97
104	Kinetic Modeling of ¹¹C-SB207145 Binding to 5-HT₄ Receptors in the Human Brain In Vivo. Journal of Nuclear Medicine, 2009, 50, 900-908.	2.8	84
105	Decreased binding of the D3 dopamine receptor-preferring ligand [11C]-(+)-PHNO in drug-naive Parkinson's disease. Brain, 2009, 132, 1366-1375.	3.7	93
106	D2-Receptor Upregulation is Dependent upon Temporal Course of D2-Occupancy: A Longitudinal [11C]-Raclopride PET Study in Cats. Neuropsychopharmacology, 2009, 34, 662-671.	2.8	78
107	The Dopamine D2 Receptors in High-Affinity State and D3 Receptors in Schizophrenia: A Clinical [11C]-(+)-PHNO PET Study. Neuropsychopharmacology, 2009, 34, 1078-1086.	2.8	109
108	Utility of commercial radiosynthetic modules in captive solvent [¹¹C]â€methylation reactions. Journal of Labelled Compounds and Radiopharmaceuticals, 2009, 52, 490-492.	0.5	31

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109	In vivo quantification of regional dopamineâ€D3 receptor binding potential of (+)â€PHNO: Studies in nonâ€human primates and transgenic mice. Synapse, 2009, 63, 782-793.	0.6	127
110	Ex vivo [¹¹C]â€(+)â€PHNO binding is unchanged in animal models displaying increased highâ€affinity states of the D₂receptor in vitro. Synapse, 2009, 63, 998-1009.	0.6	23
111	An improved radiosynthesis of the muscarinic M2 radiopharmaceutical, [18F]FP-TZTP. Applied Radiation and Isotopes, 2009, 67, 611-616.	0.7	20
112	Synthesis and preliminary biological evaluations of [18F]-1-deoxy-1-fluoro-scyllo-inositol. Chemical Communications, 2009, , 5527.	2.2	17
113	Dopamine modulating drugs influence striatal (+)â€[¹¹C]DTBZ binding in rats: VMAT2 binding is sensitive to changes in vesicular dopamine concentration. Synapse, 2008, 62, 873-876.	0.6	42
114	Elevated serotonin transporter binding in depressed patients with Parkinson's disease: A preliminary PET study with [¹¹C]DASB. Movement Disorders, 2008, 23, 1776-1780.	2.2	155
115	Brain region binding of the D2/3 agonist [11C]-(+)-PHNO and the D2/3 antagonist [11C]raclopride in healthy humans. Human Brain Mapping, 2008, 29, 400-410.	1.9	95
116	Rationally designed PKA inhibitors for positron emission tomography: Synthesis and cerebral biodistribution of N-(2-(4-bromocinnamylamino)ethyl)-N-[11C]methyl-isoquinoline-5-sulfonamide. Bioorganic and Medicinal Chemistry, 2008, 16, 5277-5284.	1.4	15
117	Synthesis and preliminary evaluation of [18F]-fluoro-(2S)-Exaprolol for imaging cerebral Î²-adrenergic receptors with PET. Neurochemistry International, 2008, 53, 173-179.	1.9	10
118	Dopamine D2 receptor radiotracers [11C](+)-PHNO and [3H]raclopride are indistinguishably inhibited by D2 agonists and antagonists ex vivo. Nuclear Medicine and Biology, 2008, 35, 11-17.	0.3	47
119	Radiosynthesis and initial evaluation of [18F]-FEPPA for PET imaging of peripheral benzodiazepine receptors. Nuclear Medicine and Biology, 2008, 35, 305-314.	0.3	181
120	Facile Radiosynthesis of Fluorine-18 Labeled Î²-Blockers. Synthesis, Radiolabeling, and ex Vivo Biodistribution of [¹⁸F]-(2S and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (2R)-1-(1-Fluoropropan-2-ylam Chemistry, 2008, 51, 5093-5100.	2.9	9
121	Seasonal Variation in Human Brain Serotonin Transporter Binding. Archives of General Psychiatry, 2008, 65, 1072.	13.8	224
122	First Human Evidence of d-Amphetamine Induced Displacement of a D2/3 Agonist Radioligand: A [11C]-(+)-PHNO Positron Emission Tomography Study. Neuropsychopharmacology, 2008, 33, 279-289.	2.8	109
123	Increased Vesicular Monoamine Transporter Binding during Early Abstinence In Human Methamphetamine Users: Is VMAT2 a Stable Dopamine Neuron Biomarker?. Journal of Neuroscience, 2008, 28, 9850-9856.	1.7	86
124	Serotonin2A receptor binding potential in people with aggressive and violent behaviour. Journal of Psychiatry and Neuroscience, 2008, 33, 499-508.	1.4	39
125	Striatal Vs Extrastriatal Dopamine D2 Receptors in Antipsychotic Responseâ€"A Double-Blind PET Study in Schizophrenia. Neuropsychopharmacology, 2007, 32, 1209-1215.	2.8	118
126	Syntheses and in vitro evaluation of fluorinated naphthoxazines as dopamine D2/D3 receptor agonists: radiosynthesis, ex vivo biodistribution and autoradiography of [18F]F-PHNO. Nuclear Medicine and Biology, 2007, 34, 195-203.	0.3	24

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127	Misunderstandings About How to Choose a Reference Region. Biological Psychiatry, 2007, 61, 1314.	0.7	4
128	Novel 5-HTTLPR Allele Associates with Higher Serotonin Transporter Binding in Putamen: A [11C] DASB Positron Emission Tomography Study. Biological Psychiatry, 2007, 62, 327-331.	0.7	186
129	Positron Emission Tomography Quantification of [11C]-(+)-PHNO Binding in the Human Brain. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 857-871.	2.4	88
130	Serotonin transporter occupancy of high-dose selective serotonin reuptake inhibitors during major depressive disorder measured with [11C]DASB positron emission tomography. Psychopharmacology, 2007, 193, 539-545.	1.5	61
131	High-Affinity States of Human Brain Dopamine D2/3 Receptors Imaged by the Agonist [11C]-(+)-PHNO. Biological Psychiatry, 2006, 59, 389-394.	0.7	129
132	In vivo characterization of the pharmacokinetics and pharmacological properties of [11C]-(+)-PHNO in rats using an intracerebral beta-sensitive system. Synapse, 2006, 60, 172-183.	0.6	24
133	Radiosynthesis, ex vivo and in vivo evaluation of [11C]preclamol as a partial dopamine D2 agonist radioligand for positron emission tomography. Synapse, 2006, 60, 314-318.	0.6	11
134	Binding characteristics and sensitivity to endogenous dopamine of [11C]-(+)-PHNO, a new agonist radiotracer for imaging the high-affinity state of D2 receptors in vivo using positron emission tomography. Journal of Neurochemistry, 2006, 97, 1089-1103.	2.1	145
135	Positron Emission Tomography Quantification of [11C]-Harmine Binding to Monoamine Oxidase-A in the Human Brain. Journal of Cerebral Blood Flow and Metabolism, 2006, 26, 330-344.	2.4	100
136	Elevated Monoamine Oxidase A Levels in the Brain. Archives of General Psychiatry, 2006, 63, 1209.	13.8	507
137	Elevated Putamen D₂Receptor Binding Potential in Major Depression With Motor Retardation: An [¹¹C]Raclopride Positron Emission Tomography Study. American Journal of Psychiatry, 2006, 163, 1594-1602.	4.0	139
138	Synthesis and ex vivo evaluation of carbon-11 labelled N-(4-methoxybenzyl)-Nâ€²-(5-nitro-1,3-thiazol-2-yl)urea ([11C]AR-A014418): A radiolabelled glycogen synthase kinase-3Î² specific inhibitor for PET studies. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 5270-5273.	1.0	57
139	Radiosynthesis and Evaluation of [11C]-(+)-4-Propyl-3,4,4a,5,6,10b-hexahydro-2H-naphtho[1,2-b][1,4]oxazin-9-ol as a Potential Radiotracer for in Vivo Imaging of the Dopamine D2 High-Affinity State with Positron Emission Tomography. Journal of Medicinal Chemistry, 2005, 48, 4153-4160.	2.9	218
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