

Paul Cumming

List of Publications by Year in descending order

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Version: 2024-02-01

271
papers

9,291
citations

41323

49
h-index

66879

78
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283
all docs

283
docs citations

283
times ranked

9726
citing authors

#	ARTICLE	IF	CITATIONS
1	Glitter in the Darkness? Nonfibrillar β -Amyloid Plaque Components Significantly Impact the β -Amyloid PET Signal in Mouse Models of Alzheimer Disease. <i>Journal of Nuclear Medicine</i> , 2022, 63, 117-124.	2.8	14
2	Traumatic brain injury fast-forwards Alzheimer's pathology: evidence from amyloid positron emission tomography imaging. <i>Journal of Neurology</i> , 2022, 269, 873-884.	1.8	19
3	Static versus Functional PET: Making Sense of Metabolic Connectivity. <i>Cerebral Cortex</i> , 2022, 32, 1125-1129.	1.6	8
4	Dorsal striatal dopamine induces fronto-cortical hypoactivity and attenuates anxiety and compulsive behaviors in rats. <i>Neuropsychopharmacology</i> , 2022, 47, 454-464.	2.8	16
5	First results on kinetic modelling and parametric imaging of dynamic ^{18}F -FDG datasets from a long-Axial FOV PET scanner in oncological patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1997-2009.	3.3	45
6	Chronic PPAR β Stimulation Shifts Amyloidosis to Higher Fibrillarity but Improves Cognition. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 854031.	1.7	5
7	Pattern of predictive features of continued cannabis use in patients with recent-onset psychosis and clinical high-risk for psychosis. <i>NPJ Schizophrenia</i> , 2022, 8, 19.	2.0	1
8	Subacute cytokine changes after a traumatic brain injury predict chronic brain microstructural alterations on advanced diffusion imaging in the male rat. <i>Brain, Behavior, and Immunity</i> , 2022, 102, 137-150.	2.0	5
9	In Vivo Cerebral Translocator Protein (TSPO) Binding and Its Relationship with Blood Adiponectin Levels in Treatment-Naïve Young Adults with Major Depression: A [^{11}C]PK11195 PET Study. <i>Biomedicines</i> , 2022, 10, 34.	1.4	2
10	Diels-Alder Adducts of Morphinan-6,8-Dienes and Their Transformations. <i>Molecules</i> , 2022, 27, 2863.	1.7	5
11	Quantitation of the A2A Adenosine Receptor Density in the Striatum of Mice and Pigs with [^{18}F]FLUDA by Positron Emission Tomography. <i>Pharmaceuticals</i> , 2022, 15, 516.	1.7	3
12	A new automated and putatively versatile synthesis of the PSMA-ligand derivative [^{18}F]DCFPyL using the FASTlab TM synthesizer. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2022, 7, 10.	1.8	0
13	Monoamine Oxidase Inhibition by Plant-Derived β -Carbolines; Implications for the Psychopharmacology of Tobacco and Ayahuasca. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	6
14	Escalation of Tau Accumulation after a Traumatic Brain Injury: Findings from Positron Emission Tomography. <i>Brain Sciences</i> , 2022, 12, 876.	1.1	2
15	Molecular imaging of schizophrenia: Neurochemical findings in a heterogeneous and evolving disorder. <i>Behavioural Brain Research</i> , 2021, 398, 113004.	1.2	23
16	Applications, Advances, and Limitations of Molecular Imaging of Brain Receptors. , 2021, , 1287-1307.		0
17	Language Impairments in Dementia: From Word-Finding Difficulties to Everyday Conversation in a Dementia-Friendly Community. , 2021, , 85-108.		1
18	Pre-therapeutic microglia activation and sex determine therapy effects of chronic immunomodulation. <i>Theranostics</i> , 2021, 11, 8964-8976.	4.6	12

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19	Preclinical Evaluation of [¹⁸ F]FACH in Healthy Mice and Piglets: An ¹⁸ F-Labeled Ligand for Imaging of Monocarboxylate Transporters with PET. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1645.	1.8	0
20	Association between age of cannabis initiation and gray matter covariance networks in recent onset psychosis. <i>Neuropsychopharmacology</i> , 2021, 46, 1484-1493.	2.8	14
21	Microglial activation in the right amygdala-entorhinal-hippocampal complex is associated with preserved spatial learning in App mice. <i>NeuroImage</i> , 2021, 230, 117707.	2.1	16
22	Molecular and Functional Imaging Studies of Psychedelic Drug Action in Animals and Humans. <i>Molecules</i> , 2021, 26, 2451.	1.7	25
23	A New Precursor for the Radiosynthesis of 6-O-(2-[¹⁸ F]Fluoroethyl)-6-Odesmethyl-diprenorphine ([¹⁸ F]FE-DPN) by Nucleophilic Radiofluorination. <i>Letters in Organic Chemistry</i> , 2021, 18, 344-352.	0.2	2
24	Functional Analysis of Brain Imaging Suggests Changes in the Availability of mGluR5 and Altered Connectivity in the Cerebral Cortex of Long-Term Abstaining Males with Alcohol Dependence: A Preliminary Study. <i>Life</i> , 2021, 11, 506.	1.1	3
25	A comprehensive review of imaging findings in COVID-19 -Âstatus in early 2021. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2500-2524.	3.3	31
26	A binge high sucrose diet provokes systemic and cerebral inflammation in rats without inducing obesity. <i>Scientific Reports</i> , 2021, 11, 11252.	1.6	21
27	White Matter Alterations Are Associated With Cognitive Dysfunction Decades After Moderate-to-Severe Traumatic Brain Injury and/or Posttraumatic Stress Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 1100-1109.	1.1	14
28	NMR Analysis of a Series of 6,14-Éthenomorphinan Derivatives as PET Precursors and Reference Substances**. <i>ChemistrySelect</i> , 2021, 6, 5994-6005.	0.7	3
29	Fully automated unsupervised artefact removal in multichannel electroencephalogram using wavelet-É-independent component analysis with density-Ébased spatial clustering of application with noise. <i>IET Signal Processing</i> , 2021, 15, 535-542.	0.9	2
30	Association between COVID-19 and catatonia manifestation in two adolescents in Central Asia: incidental findings or cause for alarm?. <i>Asian Journal of Psychiatry</i> , 2021, 63, 102761.	0.9	9
31	Working memory task induced neural activation: A simultaneous PET/fMRI study. <i>NeuroImage</i> , 2021, 237, 118131.	2.1	3
32	Serotonin and amyloid deposition: A link between depression and Alzheimer-É™s disease?. <i>Journal of Neurochemistry</i> , 2021, 156, 560-562.	2.1	5
33	Traumatic brain injury augurs ill for prolonged deficits in the brain-É™s structural and functional integrity following controlled cortical impact injury. <i>Scientific Reports</i> , 2021, 11, 21559.	1.6	12
34	A dopaminergic mechanism of antipsychotic drug efficacy, failure, and failure reversal: the role of the dopamine transporter. <i>Molecular Psychiatry</i> , 2020, 25, 2101-2118.	4.1	59
35	Metabolic Correlates of Dopaminergic Loss in Dementia with Lewy Bodies. <i>Movement Disorders</i> , 2020, 35, 595-605.	2.2	42
36	A Review of Molecular Imaging of Glutamate Receptors. <i>Molecules</i> , 2020, 25, 4749.	1.7	36

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37	Longitudinal TSPO expression in tau transgenic P301S mice predicts increased tau accumulation and deteriorated spatial learning. <i>Journal of Neuroinflammation</i> , 2020, 17, 208.	3.1	19
38	Glial activation is moderated by sex in response to amyloidosis but not to tau pathology in mouse models of neurodegenerative diseases. <i>Journal of Neuroinflammation</i> , 2020, 17, 374.	3.1	28
39	Asymmetry of plaque burden in amyloid mouse models. <i>Alzheimer's and Dementia</i> , 2020, 16, e039153.	0.4	0
40	Asymmetry of Fibrillar Plaque Burden in Amyloid Mouse Models. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1825-1831.	2.8	19
41	Characterizing the heterogeneous metabolic progression in idiopathic REM sleep behavior disorder. <i>NeuroImage: Clinical</i> , 2020, 27, 102294.	1.4	10
42	Towards guidelines to harmonize textural features in PET: Haralick textural features vary with image noise, but exposure-invariant domains enable comparable PET radiomics. <i>PLoS ONE</i> , 2020, 15, e0229560.	1.1	12
43	Associations of [18F]-APN-1607 Tau PET Binding in the Brain of Alzheimer's Disease Patients With Cognition and Glucose Metabolism. <i>Frontiers in Neuroscience</i> , 2020, 14, 604.	1.4	27
44	On the relationship of first-episode psychosis to the amphetamine-sensitized state: a dopamine D2/3 receptor agonist radioligand study. <i>Translational Psychiatry</i> , 2020, 10, 2.	2.4	25
45	In vivo glucose metabolism and glutamate levels in mGluR5 knockout mice: a multimodal neuroimaging study using [18F]FDG microPET and MRS. <i>EJNMMI Research</i> , 2020, 10, 116.	1.1	4
46	Improved Risk Stratification for Progression from Mild Cognitive Impairment to Alzheimer's Disease with a Multi-Analytical Evaluation of Amyloid- β Positron Emission Tomography. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 101-112.	1.2	2
47	Title is missing!. , 2020, 15, e0229560.		0
48	Title is missing!. , 2020, 15, e0229560.		0
49	Title is missing!. , 2020, 15, e0229560.		0
50	Title is missing!. , 2020, 15, e0229560.		0
51	Title is missing!. , 2020, 15, e0229560.		0
52	Late-stage Anle138b treatment ameliorates tau pathology and metabolic decline in a mouse model of human Alzheimer's disease tau. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 67.	3.0	28
53	PET Occupancy and Competition in Translational Medicine and CNS Drug Development. <i>Handbook of Behavioral Neuroscience</i> , 2019, 29, 159-172.	0.7	1
54	Management of Glucose Control in Noncritically Ill, Hospitalized Patients Receiving Parenteral and/or Enteral Nutrition: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2019, 8, 935.	1.0	22

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55	Tauopathy in veterans with long-term posttraumatic stress disorder and traumatic brain injury. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1139-1151.	3.3	51
56	Relationship of self-transcendence traits with in vivo dopamine D2/3 receptor availability and functional connectivity: An [¹⁸ F]fallypride PET and fMRI study. <i>Synapse</i> , 2019, 73, e22121.	0.6	5
57	Response to the letter concerning the publication: Amyloid pathology fingerprint differentiates post-traumatic stress disorder and traumatic brain injury. Mohamed AZ, et al. <i>NeuroImage Clinical</i> 2018 June 5;19:716-726. <i>NeuroImage: Clinical</i> , 2019, 23, 101867.	1.4	0
58	The downside of downregulation. <i>Brain</i> , 2019, 142, 1500-1502.	3.7	3
59	Objective identification of pain due to uterine contraction during the first stage of labour using continuous EEG signals and SVM. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2019, 44, 1.	0.8	7
60	In response to: The validity of 18F-GE180 as a TSPO imaging agent. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1208-1211.	3.3	19
61	A Survey of Molecular Imaging of Opioid Receptors. <i>Molecules</i> , 2019, 24, 4190.	1.7	30
62	A 3D Deep Residual Convolutional Neural Network for Differential Diagnosis of Parkinsonian Syndromes on [¹⁸ F]-FDG PET Images. , 2019, 2019, 3531-3534.		14
63	Sifting through the surfeit of neuroinflammation tracers. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 204-224.	2.4	92
64	The role of striatal dopamine D2/3 receptors in cognitive performance in drug-free patients with schizophrenia. <i>Psychopharmacology</i> , 2018, 235, 2221-2232.	1.5	16
65	Automated Classification and Removal of EEG Artifacts With SVM and Wavelet-ICA. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018, 22, 664-670.	3.9	89
66	Antidopaminergic medication in healthy subjects provokes subjective and objective mental impairments tightly correlated with perturbation of biogenic monoamine metabolism and prolactin secretion. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 1125-1138.	1.0	4
67	Emerging PET Radiotracers and Targets for Imaging of Neuroinflammation in Neurodegenerative Diseases: Outlook Beyond TSPO. <i>Molecular Imaging</i> , 2018, 17, 153601211879231.	0.7	158
68	Amyloid pathology fingerprint differentiates post-traumatic stress disorder and traumatic brain injury. <i>NeuroImage: Clinical</i> , 2018, 19, 716-726.	1.4	48
69	Language Patterns Discriminate Mild Depression From Normal Sadness and Euthymic State. <i>Frontiers in Psychiatry</i> , 2018, 9, 105.	1.3	37
70	Altered connectivity between striatal and extrastriatal regions in patients with schizophrenia on maintenance antipsychotics: an [¹⁸ F]fallypride PET and functional MRI study. <i>Synapse</i> , 2018, 72, e22064.	0.6	8
71	Improving EEG signal peak detection using feature weight learning of a neural network with random weights for eye event-related applications. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2017, 42, 641-653.	0.8	4
72	Classics in Neuroimaging: Imaging the Dopaminergic Pathway with PET. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1817-1819.	1.7	15

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73	Brain penetrant small molecule 18F-GnRH receptor (GnRH-R) antagonists: Synthesis and preliminary positron emission tomography imaging in rats. <i>Nuclear Medicine and Biology</i> , 2016, 43, 478-489.	0.3	5
74	A business of some heat: molecular imaging of phosphodiesterase 5. <i>Journal of Neurochemistry</i> , 2016, 136, 220-221.	2.1	7
75	Occupancy of pramipexole (Sifrol) at cerebral dopamine D2/3 receptors in Parkinson's disease patients. <i>NeuroImage: Clinical</i> , 2016, 12, 41-46.	1.4	14
76	Evaluation of different time domain peak models using extreme learning machine-based peak detection for EEG signal. <i>SpringerPlus</i> , 2016, 5, 1036.	1.2	7
77	Invited commentary: mapping the alteration in glutamate with Glu^CCEST MRI</sup> in a mouse model of dopamine deficiency. <i>Journal of Neurochemistry</i> , 2016, 139, 346-348.	2.1	2
78	Nephroprotective effects of enalapril after [177Lu]-DOTATATE therapy using serial renal scintigraphies in a murine model of radiation-induced nephropathy. <i>EJNMMI Research</i> , 2016, 6, 64.	1.1	10
79	Commentary: The serotonin transporter in depression: Meta-analysis of in vivo and post mortem findings and implications for understanding and treating depression. <i>Journal of Affective Disorders</i> , 2016, 199, 21-22.	2.0	1
80	Effects of Smoking Cessation on Presynaptic Dopamine Function of Addicted Male Smokers. <i>Biological Psychiatry</i> , 2016, 80, 198-206.	0.7	40
81	MAOA-VNTR polymorphism modulates context-dependent dopamine release and aggressive behavior in males. <i>NeuroImage</i> , 2016, 125, 378-385.	2.1	48
82	Specific binding of [¹⁸ F]fluoroethylamfetamine to monoamine oxidase A in rat brain cryostat sections, and compartmental analysis of binding in living brain. <i>Journal of Neurochemistry</i> , 2015, 135, 908-917.	2.1	14
83	Characterization of [¹²³ I]FP-CIT binding to the dopamine transporter in the striatum of tree shrews by quantitative <i>in vitro</i> autoradiography. <i>Synapse</i> , 2015, 69, 497-504.	0.6	9
84	Detection of monoamine oxidase a in brain of living rats with [¹⁸ F]fluoroethylamfetamine PET. <i>Synapse</i> , 2015, 69, 57-59.	0.6	3
85	Perturbed Development of Striatal Dopamine Transporters in Fatty Versus Lean Zucker Rats: a Follow-up Small Animal PET Study. <i>Molecular Imaging and Biology</i> , 2015, 17, 521-528.	1.3	9
86	Effects of anticholinergic challenge on psychopathology and cognition in drug-free patients with schizophrenia and healthy volunteers. <i>Psychopharmacology</i> , 2015, 232, 1607-1617.	1.5	17
87	Smoking Normalizes Cerebral Blood Flow and Oxygen Consumption after 12-Hour Abstinence. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 699-705.	2.4	26
88	Chronic alcohol intake abolishes the relationship between dopamine synthesis capacity and learning signals in the ventral striatum. <i>European Journal of Neuroscience</i> , 2015, 41, 477-486.	1.2	45
89	Altered serotonin and dopamine transporter availabilities in brain of depressed patients upon treatment with escitalopram: A [123I]FP-CIT SPECT study. <i>European Neuropsychopharmacology</i> , 2015, 25, 873-881.	0.3	26
90	Amyloid-PET predicts inhibition of de novo plaque formation upon chronic Î³-secretase modulator treatment. <i>Molecular Psychiatry</i> , 2015, 20, 1179-1187.	4.1	46

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91	Monitoring of chronic β -secretase modulator treatment by serial amyloid-PET. <i>Molecular Psychiatry</i> , 2015, 20, 1141-1141.	4.1	2
92	Cross-Sectional Comparison of Small Animal [^{18}F]-Florbetaben Amyloid-PET between Transgenic AD Mouse Models. <i>PLoS ONE</i> , 2015, 10, e0116678.	1.1	45
93	An Overview of PET Studies of the Cerebral Uptake of Amino Acids. , 2015, , 339-355.		0
94	Radiosynthesis and Validation of ^{18}F -FP-CMT, a Phenyltropane with Superior Properties for Imaging the Dopamine Transporter in Living Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1148-1156.	2.4	16
95	Meta-Analysis of Molecular Imaging of Serotonin Transporters in Major Depression. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1096-1103.	2.4	131
96	In Vivo Monitoring of Parathyroid Hormone Treatment after Myocardial Infarction in Mice with [^{68}Ga]Annexin A5 and [^{18}F]Fluorodeoxyglucose Positron Emission Tomography. <i>Molecular Imaging</i> , 2014, 13, 7290.2014.00035.	0.7	11
97	Assessment of cerebral dopamine D ₂ / D ₃ -receptors in patients with bilateral vestibular failure. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2014, 24, 403-413.	0.8	12
98	Measuring effects of MDMA (ecstasy) abuse on the rate of cerebral serotonin synthesis. <i>Journal of Neurochemistry</i> , 2014, 131, 541-545.	2.1	2
99	PET Neuroimaging: The White Elephant Packs His Trunk?. <i>NeuroImage</i> , 2014, 84, 1094-1100.	2.1	12
100	Biodistribution studies of two ^{18}F -labeled pyridinylphenyl amides as subtype selective radioligands for the dopamine D ₃ receptor. <i>Nuclear Medicine and Biology</i> , 2014, 41, 223-228.	0.3	13
101	Synthesis and biological evaluation of both enantiomers of [^{18}F]flubatine, promising radiotracers with fast kinetics for the imaging of $\alpha 4\beta 2$ -nicotinic acetylcholine receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 804-812.	1.4	29
102	Acute and Sustained Effects of Methylphenidate on Cognition and Presynaptic Dopamine Metabolism: An [^{18}F]FDOPA PET Study. <i>Journal of Neuroscience</i> , 2014, 34, 14769-14776.	1.7	24
103	Imaging of $\alpha 7$ nicotinic acetylcholine receptors in brain and cerebral vasculature of juvenile pigs with [^{18}F]NS14490. <i>EJNMMI Research</i> , 2014, 4, 43.	1.1	17
104	Antidepressant response to aripiprazole augmentation associated with enhanced FDOPA utilization in striatum: A preliminary PET study. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 231-239.	0.9	20
105	Not shooting an elephant. <i>NeuroImage</i> , 2014, 94, 411-412.	2.1	1
106	Impact of partial volume effect correction on cerebral β -amyloid imaging in APP-Swe mice using [^{18}F]-florbetaben PET. <i>NeuroImage</i> , 2014, 84, 843-853.	2.1	24
107	Preclinical Aspects of Nicotinic Acetylcholine Receptor Imaging. , 2014, , 465-512.		4
108	Ventral striatal prediction error signaling is associated with dopamine synthesis capacity and fluid intelligence. <i>Human Brain Mapping</i> , 2013, 34, 1490-1499.	1.9	94

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109	Positron emission tomography in the assessment of left ventricular function in healthy rats: A comparison of four imaging methods. <i>Journal of Nuclear Cardiology</i> , 2013, 20, 262-274.	1.4	15
110	Association between left ventricular mechanical dyssynchrony with myocardial perfusion and functional parameters in patients with left bundle branch block. <i>Journal of Nuclear Cardiology</i> , 2013, 20, 253-261.	1.4	9
111	Radiosynthesis of racemic and enantiomerically pure (α)-[^{18}F]flubatine: A promising PET radiotracer for neuroimaging of α 4 β 2 nicotinic acetylcholine receptors. <i>Applied Radiation and Isotopes</i> , 2013, 74, 128-136.	0.7	25
112	Longitudinal Assessment of Cerebral β 2-Amyloid Deposition in Mice Overexpressing Swedish Mutant β 2-Amyloid Precursor Protein Using ^{18}F -Florbetaben PET. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1127-1134.	2.8	75
113	The amount of dysfunctional but viable myocardium predicts long-term survival in patients with ischemic cardiomyopathy and left ventricular dysfunction. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 1645-1653.	0.7	32
114	Effects of acute detoxification of the herbal blend "Spice Gold"™ on dopamine D2/3 receptor availability: A [^{18}F]fallypride PET study. <i>European Neuropsychopharmacology</i> , 2013, 23, 1606-1610.	0.3	31
115	Resistance of brain glucose metabolism to thiopental-induced CNS depression in newborn piglets. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 157-164.	0.7	4
116	How the cerebral serotonin homeostasis predicts environmental changes: a model to explain seasonal changes of brain 5-HTT as intermediate phenotype of the 5-HTTLPR. <i>Psychopharmacology</i> , 2013, 230, 333-343.	1.5	12
117	Vulnerability to psychotogenic effects of ketamine is associated with elevated D2/3-receptor availability. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 745-754.	1.0	25
118	The Impact of Dopamine on Aggression: An [^{18}F]-FDOPA PET Study in Healthy Males. <i>Journal of Neuroscience</i> , 2013, 33, 16889-16896.	1.7	51
119	Task- Versus Amphetamine-Induced Displacement of High-Affinity D2/3 Receptor Ligands. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1849.1-1849.	2.8	0
120	Dopaminergic and GABAergic markers of impulsivity in rats: evidence for anatomical localisation in ventral striatum and prefrontal cortex. <i>European Journal of Neuroscience</i> , 2013, 37, 1519-1528.	1.2	95
121	Surrogate markers for cerebral blood flow correlate with [^{18}F]fallypride binding potential at dopamine D _{2/3} receptors in human striatum. <i>Synapse</i> , 2013, 67, 199-203.	0.6	21
122	Increased Turnover of Dopamine in Caudate Nucleus of Detoxified Alcoholic Patients. <i>PLoS ONE</i> , 2013, 8, e73903.	1.1	13
123	PET radiopharmaceuticals for probing enzymes in the brain. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 3, 194-216.	1.0	19
124	Amisulpride-induced acute akathisia in OCD: an example of dysfunctional dopamine-serotonin interactions?. <i>Journal of Psychopharmacology</i> , 2012, 26, 887-890.	2.0	9
125	Prediction of oligodendroglial histology and LOH 1p/19q using dynamic [^{18}F]FET-PET imaging in intracranial WHO grade II and III gliomas. <i>Neuro-Oncology</i> , 2012, 14, 1473-1480.	0.6	91
126	Temporal Changes in Phosphatidylserine Expression and Glucose Metabolism after Myocardial Infarction: An in Vivo Imaging Study in Mice. <i>Molecular Imaging</i> , 2012, 11, 7290.2012.00010.	0.7	12

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127	PET of Signal Transduction Pathways in Cancer. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1333-1336.	2.8	22
128	Molecular Imaging Studies of Second Messenger Pathways: Looking Deeper than the Membrane. <i>Neuromethods</i> , 2012, , 137-148.	0.2	2
129	Cerebral oxygen metabolism in patients with early Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2012, 313, 123-128.	0.3	26
130	The Assay of Enzyme Activity by Positron Emission Tomography. <i>Neuromethods</i> , 2012, , 111-135.	0.2	7
131	Left ventricular dyssynchrony assessed by gated SPECT phase analysis is an independent predictor of death in patients with advanced coronary artery disease and reduced left ventricular function not undergoing cardiac resynchronization therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 1561-1569.	3.3	42
132	Decline in prefrontal catecholamine synthesis explains age-related changes in cognitive speed beyond regional grey matter atrophy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 1462-1466.	3.3	7
133	Left ventricular functional assessment in murine models of ischemic and dilated cardiomyopathy using [¹⁸ F]FDG-PET: comparison with cardiac MRI and monitoring erythropoietin therapy. <i>EJNMMI Research</i> , 2012, 2, 43.	1.1	21
134	Compensation for cranial spill ⁱⁿ into the cerebellum improves quantitation of striatal dopamine D _{2/3} receptors in rats with prolonged [¹⁸ F]MFP infusions. <i>Synapse</i> , 2012, 66, 705-713.	0.6	9
135	[¹⁸ F]fallypride PET measurement of striatal and extrastriatal dopamine D _{2/3} receptor availability in recently abstinent alcoholics. <i>Addiction Biology</i> , 2012, 17, 490-503.	1.4	50
136	Applications of positron emission tomography in animal models of neurological and neuropsychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1188-1216.	2.9	56
137	Relationship between PSA kinetics and [¹⁸ F]fluorocholine PET/CT detection rates of recurrence in patients with prostate cancer after total prostatectomy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 271-282.	3.3	75
138	Effects of unilateral 6-OHDA lesions on [³ H]-N-propylnorapomorphine binding in striatum ex vivo and vulnerability to amphetamine-evoked dopamine release in rat. <i>Neurochemistry International</i> , 2011, 58, 243-247.	1.9	14
139	What have positron emission tomography and ^{Zippy} told us about the neuropharmacology of drug addiction?. <i>British Journal of Pharmacology</i> , 2011, 163, 1586-1604.	2.7	8
140	Molecular Imaging and the Neuropathologies of Parkinson's Disease. <i>Current Topics in Behavioral Neurosciences</i> , 2011, 11, 117-148.	0.8	14
141	Assessment of $\alpha 7$ nicotinic acetylcholine receptor availability in juvenile pig brain with [¹⁸ F]NS10743. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 1541-1549.	3.3	34
142	Absolute abundances and affinity states of dopamine receptors in mammalian brain: A review. <i>Synapse</i> , 2011, 65, 892-909.	0.6	51
143	Electrocardiogram-Gated ¹⁸ F-FDG PET/CT Hybrid Imaging in Patients with Unsatisfactory Response to Cardiac Resynchronization Therapy: Initial Clinical Results. <i>Journal of Nuclear Medicine</i> , 2011, 52, 67-71.	2.8	31
144	Treatment with Octreotide Does Not Reduce Tumor Uptake of ⁶⁸ Ga-DOTATATE as Measured by PET/CT in Patients with Neuroendocrine Tumors. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1679-1683.	2.8	67

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