Michael R Kilbourn

List of Publications by Year
in descending order

26 papers	355 citations	1040056 9 h-index	839539 18 g-index
26 all docs	26 docs citations	26 times ranked	573 citing authors

#	Article	IF	Citations
1	Positron emission tomography imaging of (2R,3R)-5-[18F]fluoroethoxybenzovesamicol in rat and monkey brain: a radioligand for the vesicular acetylcholine transporter. Nuclear Medicine and Biology, 2009, 36, 489-493.	0.6	55
2	Pharmacokinetics of [18F]fluoroalkyl derivatives of dihydrotetrabenazine in rat and monkey brain. Nuclear Medicine and Biology, 2007, 34, 233-237.	0.6	45
3	Classics in Neuroimaging: Development of PET Tracers for Imaging Monoamine Oxidases. ACS Chemical Neuroscience, 2019, 10, 1867-1871.	3.5	42
4	Identification of AV-1451 as a Weak, Nonselective Inhibitor of Monoamine Oxidase. ACS Chemical Neuroscience, 2019, 10, 3839-3846.	3.5	37
5	In vivo [11C]dihydrotetrabenazine binding in rat striatum: sensitivity to dopamine concentrations. Nuclear Medicine and Biology, 2010, 37, 3-8.	0.6	33
6	Small Molecule PET Tracers for Transporter Imaging. Seminars in Nuclear Medicine, 2017, 47, 536-552.	4.6	19
7	Classics in Neuroimaging: Radioligands for the Vesicular Monoamine Transporter 2. ACS Chemical Neuroscience, 2019, 10, 25-29.	3.5	14
8	Anesthesia increases in vivo N-([18F]fluoroethyl)piperidinyl benzilate binding to the muscarinic cholinergic receptor. Nuclear Medicine and Biology, 2007, 34, 479-482.	0.6	12
9	PET radioligands for the vesicular transporters for monoamines and acetylcholine. Journal of Labelled Compounds and Radiopharmaceuticals, 2013, 56, 167-171.	1.0	11
10	11C- and 18F-Radiotracers for In Vivo Imaging of the Dopamine System: Past, Present and Future. Biomedicines, 2021, 9, 108.	3.2	11
11	Increased in vivo [11C]raclopride binding to brain dopamine receptors in amphetamine-treated rats. European Journal of Pharmacology, 2011, 654, 254-257.	3.5	9
12	Classics in Neuroimaging: Development of Positron Emission Tomography Tracers for Imaging the GABAergic Pathway. ACS Chemical Neuroscience, 2020, 11, 2039-2044.	3.5	9
13	Development of Positron Emission Tomography Radiotracers for the GABA Transporter 1. ACS Chemical Neuroscience, 2018, 9, 2767-2773.	3.5	8
14	Classics in Neuroimaging: Imaging the Cholinergic System with Positron Emission Tomography. ACS Chemical Neuroscience, 2021, 12, 1472-1479.	3.5	7
15	Classics in Neuroimaging: Shedding Light on Opioid Receptors with Positron Emission Tomography Imaging. ACS Chemical Neuroscience, 2020, 11, 2906-2914.	3.5	6
16	Fluorine-for-hydrogen: a strategy for radiolabeling, not a replacement. Nuclear Medicine and Biology, 2013, 40, 956-958.	0.6	5
17	Carbon-11 labeled cathepsin K inhibitors: Syntheses and preliminary in vivo evaluation. Nuclear Medicine and Biology, 2014, 41, 384-389.	0.6	5
18	5-tert-Butyl-2-(4â€²-[18F]fluoropropynylphenyl)-1,3-dithiane oxides: potential new GABAA receptor radioligands. Nuclear Medicine and Biology, 2008, 35, 549-559.	0.6	4

#	Article	IF	Citations
19	Rat pancreas uptake of [11C]dihydrotetrabenazine stereoisomers. Nuclear Medicine and Biology, 2010, 37, 869-871.	0.6	4
20	Is logP truly dead?. Nuclear Medicine and Biology, 2017, 54, 41-42.	0.6	4
21	A six-year longitudinal PET study of (+)-[11 C]DTBZ binding to the VMAT2 in monkey brain. Nuclear Medicine and Biology, 2017, 55, 34-37.	0.6	4
22	In vitro binding affinity vs. in vivo site occupancy: A PET study of four diastereomers of dihydrotetrabenazine (DTBZ) in monkey brain. Nuclear Medicine and Biology, 2021, 92, 38-42.	0.6	4
23	Evaluation of Enzyme Substrate Radiotracers as PET/MRS Hybrid Imaging Agents. ACS Medicinal Chemistry Letters, 2018, 9, 1140-1143.	2.8	3
24	Improved Synthesis of [¹¹C]COU and [¹¹C]PHXY, Evaluation of Neurotoxicity, and Imaging of MAOs in Rodent Heart. ACS Medicinal Chemistry Letters, 2020, 11, 2300-2304.	2.8	2
25	PET studies in non-human primates: Choosing drug doses. Nuclear Medicine and Biology, 2017, 47, 1-3.	0.6	1
26	Issues in preclinical radiopharmaceutical research: Significance, relevance and reproducibility. Nuclear Medicine and Biology, 2018, 67, 52-55.	0.6	1