

# Michael R Kilbourn

## List of Publications by Year in descending order

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Version: 2024-02-01

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	In vitro binding affinity vs. in vivo site occupancy: A PET study of four diastereomers of dihydrotetrabenazine (DTBZ) in monkey brain. <i>Nuclear Medicine and Biology</i> , 2021, 92, 38-42.	0.6	4
2	<sup>11</sup> C- and <sup>18</sup> F-Radiotracers for In Vivo Imaging of the Dopamine System: Past, Present and Future. <i>Biomedicines</i> , 2021, 9, 108.	3.2	11
3	Classics in Neuroimaging: Imaging the Cholinergic System with Positron Emission Tomography. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1472-1479.	3.5	7
4	Classics in Neuroimaging: Shedding Light on Opioid Receptors with Positron Emission Tomography Imaging. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2906-2914.	3.5	6
5	Improved Synthesis of [ <sup>11</sup> C]COU and [ <sup>11</sup> C]PHXY, Evaluation of Neurotoxicity, and Imaging of MAOs in Rodent Heart. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 2300-2304.	2.8	2
6	Classics in Neuroimaging: Development of Positron Emission Tomography Tracers for Imaging the GABAergic Pathway. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2039-2044.	3.5	9
7	Identification of AV-1451 as a Weak, Nonselective Inhibitor of Monoamine Oxidase. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3839-3846.	3.5	37
8	Classics in Neuroimaging: Development of PET Tracers for Imaging Monoamine Oxidases. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1867-1871.	3.5	42
9	Classics in Neuroimaging: Radioligands for the Vesicular Monoamine Transporter 2. <i>ACS Chemical Neuroscience</i> , 2019, 10, 25-29.	3.5	14
10	Evaluation of Enzyme Substrate Radiotracers as PET/MRS Hybrid Imaging Agents. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 1140-1143.	2.8	3
11	Issues in preclinical radiopharmaceutical research: Significance, relevance and reproducibility. <i>Nuclear Medicine and Biology</i> , 2018, 67, 52-55.	0.6	1
12	Development of Positron Emission Tomography Radiotracers for the GABA Transporter 1. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2767-2773.	3.5	8
13	PET studies in non-human primates: Choosing drug doses. <i>Nuclear Medicine and Biology</i> , 2017, 47, 1-3.	0.6	1
14	Is logP truly dead?. <i>Nuclear Medicine and Biology</i> , 2017, 54, 41-42.	0.6	4
15	Small Molecule PET Tracers for Transporter Imaging. <i>Seminars in Nuclear Medicine</i> , 2017, 47, 536-552.	4.6	19
16	A six-year longitudinal PET study of (+)-[ <sup>11</sup> C]DTBZ binding to the VMAT2 in monkey brain. <i>Nuclear Medicine and Biology</i> , 2017, 55, 34-37.	0.6	4
17	Carbon-11 labeled cathepsin K inhibitors: Syntheses and preliminary in vivo evaluation. <i>Nuclear Medicine and Biology</i> , 2014, 41, 384-389.	0.6	5
18	Fluorine-for-hydrogen: a strategy for radiolabeling, not a replacement. <i>Nuclear Medicine and Biology</i> , 2013, 40, 956-958.	0.6	5

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19	PET radioligands for the vesicular transporters for monoamines and acetylcholine. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2013, 56, 167-171.	1.0	11
20	Increased in vivo [ <sup>11</sup> C]raclopride binding to brain dopamine receptors in amphetamine-treated rats. <i>European Journal of Pharmacology</i> , 2011, 654, 254-257.	3.5	9
21	In vivo [ <sup>11</sup> C]dihydrotrabenazine binding in rat striatum: sensitivity to dopamine concentrations. <i>Nuclear Medicine and Biology</i> , 2010, 37, 3-8.	0.6	33
22	Rat pancreas uptake of [ <sup>11</sup> C]dihydrotrabenazine stereoisomers. <i>Nuclear Medicine and Biology</i> , 2010, 37, 869-871.	0.6	4
23	Positron emission tomography imaging of (2R,3R)-5-[ <sup>18</sup> F]fluoroethoxybenzovesamicol in rat and monkey brain: a radioligand for the vesicular acetylcholine transporter. <i>Nuclear Medicine and Biology</i> , 2009, 36, 489-493.	0.6	55
24	5-tert-Butyl-2-(4- <sup>18</sup> F-fluoropropynylphenyl)-1,3-dithiane oxides: potential new GABA <sub>A</sub> receptor radioligands. <i>Nuclear Medicine and Biology</i> , 2008, 35, 549-559.	0.6	4
25	Pharmacokinetics of [ <sup>18</sup> F]fluoroalkyl derivatives of dihydrotrabenazine in rat and monkey brain. <i>Nuclear Medicine and Biology</i> , 2007, 34, 233-237.	0.6	45
26	Anesthesia increases in vivo N-([ <sup>18</sup> F]fluoroethyl)piperidinyl benzilate binding to the muscarinic cholinergic receptor. <i>Nuclear Medicine and Biology</i> , 2007, 34, 479-482.	0.6	12