

Cecile Philippe

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,027
citations

430754

18
h-index

454834

30
g-index

55
all docs

55
docs citations

55
times ranked

1513
citing authors

#	ARTICLE	IF	CITATIONS
1	Deciphering metformin action in obese mice: A critical re-evaluation of established protocols. <i>Metabolism: Clinical and Experimental</i> , 2022, 128, 154956.	1.5	5
2	Simultaneous radiomethylation of [11C]harmine and [11C]DASB and kinetic modeling approach for serotonergic brain imaging in the same individual. <i>Scientific Reports</i> , 2022, 12, 3283.	1.6	0
3	Thyroid and androgen receptor signaling are antagonized by β -Crystallin in prostate cancer. <i>International Journal of Cancer</i> , 2021, 148, 731-747.	2.3	17
4	ABCB1 and ABCG2 Together Limit the Distribution of ABCB1/ABCG2 Substrates to the Human Retina and the ABCG2 Single Nucleotide Polymorphism Q141K (c.421C>A) May Lead to Increased Drug Exposure. <i>Frontiers in Pharmacology</i> , 2021, 12, 698966.	1.6	6
5	Discovery of melanin-concentrating hormone receptor 1 in brown adipose tissue. <i>Annals of the New York Academy of Sciences</i> , 2021, 1494, 70-86.	1.8	2
6	Measurement of Hepatic ABCB1 and ABCG2 Transport Activity with [11C]Tariquidar and PET in Humans and Mice. <i>Molecular Pharmaceutics</i> , 2020, 17, 316-326.	2.3	15
7	Topologically Guided Prioritization of Candidate Gene Transcripts Coexpressed with the 5-HT1A Receptor by Combining In Vivo PET and Allen Human Brain Atlas Data. <i>Cerebral Cortex</i> , 2020, 30, 3771-3780.	1.6	10
8	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
9	SNAPshots of the MCHR1: a Comparison Between the PET-Tracers [18F]FE@SNAP and [11C]SNAP-7941. <i>Molecular Imaging and Biology</i> , 2019, 21, 257-268.	1.3	5
10	Serotonin Transporter Binding in the Human Brain After Pharmacological Challenge Measured Using PET and PET/MR. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 172.	1.4	6
11	In vitro Radiopharmaceutical Evidence for MCHR1 Binding Sites in Murine Brown Adipocytes. <i>Frontiers in Endocrinology</i> , 2019, 10, 324.	1.5	6
12	Toward the Optimization of (+)-[11C]PHNO Synthesis: Time Reduction and Process Validation. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-13.	0.4	1
13	Epistasis of HTR1A and BDNF risk genes alters cortical 5-HT1A receptor binding: PET results link genotype to molecular phenotype in depression. <i>Translational Psychiatry</i> , 2019, 9, 5.	2.4	7
14	Technical Aspect of the Automated Synthesis and Real-Time Kinetic Evaluation of [¹¹ C]SNAP-7941. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	2
15	The Radiopharmaceutical Chemistry of Carbon-11: Tracers and Applications. , 2019, , 221-236.		1
16	The effect of electroconvulsive therapy on cerebral monoamine oxidase A expression in treatment-resistant depression investigated using positron emission tomography. <i>Brain Stimulation</i> , 2019, 12, 714-723.	0.7	24
17	Optimization of the Automated Synthesis of [11C]mHED Administered and Apparent Molar Activities. <i>Pharmaceutics</i> , 2019, 12, 12.	1.7	1
18	Parcellation of the Human Cerebral Cortex Based on Molecular Targets in the Serotonin System Quantified by Positron Emission Tomography In vivo. <i>Cerebral Cortex</i> , 2019, 29, 372-382.	1.6	12

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19	A Proof-of-Concept Study to Inhibit ABCG2- and ABCB1-Mediated Efflux Transport at the Human Bloodâ€”Brain Barrier. <i>Journal of Nuclear Medicine</i> , 2019, 60, 486-491.	2.8	25
20	Assessment of brain delivery of a model ABCB1/ABCG2 substrate in patients with non-contrast-enhancing brain tumors with positron emission tomography. <i>EJNMMI Research</i> , 2019, 9, 110.	1.1	2
21	A new method measuring the interaction of radiotracers with the human P-glycoprotein (P-gp) transporter. <i>Nuclear Medicine and Biology</i> , 2018, 60, 29-36.	0.3	5
22	Microfluidic ⁶⁸ Ga-labeling: a proof of principle study. <i>Dalton Transactions</i> , 2018, 47, 5997-6004.	1.6	9
23	Influence of OATPs on Hepatic Disposition of Erlotinib Measured With Positron Emission Tomography. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 139-147.	2.3	43
24	Comparison of fully-automated radiosyntheses of [¹¹ C]erlotinib for preclinical and clinical use starting from in target produced [¹¹ C]CO ₂ or [¹¹ C]CH ₄ . <i>EJNMMI Radiopharmacy and Chemistry</i> , 2018, 3, 8.	1.8	10
25	Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. <i>Translational Psychiatry</i> , 2018, 8, 198.	2.4	22
26	Molar activity â€” The keystone in ¹¹ C-radiochemistry: An explorative study using the gas phase method. <i>Nuclear Medicine and Biology</i> , 2018, 67, 21-26.	0.3	4
27	Effect of Rifampicin on the Distribution of [¹¹ C]Erlotinib to the Liver, a Translational PET Study in Humans and in Mice. <i>Molecular Pharmaceutics</i> , 2018, 15, 4589-4598.	2.3	17
28	An Overview of PET Radiochemistry, Part 1: The Covalent Labels ¹⁸ F, ¹¹ C, and ¹³ N. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1350-1354.	2.8	26
29	Speed matters to raise molar radioactivity: Fast HPLC shortens the quality control of C-11 PET-tracers. <i>Nuclear Medicine and Biology</i> , 2018, 57, 28-33.	0.3	12
30	Effect of P-glycoprotein inhibition at the bloodâ€”brain barrier on brain distribution of [¹¹ C]verapamil in elderly vs. young subjects. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 1991-1999.	1.1	28
31	In vivo evaluation of radiotracers targeting the melanin-concentrating hormone receptor 1: [¹¹ C]SNAP-7941 and [¹⁸ F]FE@SNAP reveal specific uptake in the ventricular system. <i>Scientific Reports</i> , 2017, 7, 8054.	1.6	6
32	Altered interregional molecular associations of the serotonin transporter in attention deficit/hyperactivity disorder assessed with PET. <i>Human Brain Mapping</i> , 2017, 38, 792-802.	1.9	21
33	Effects of Selective Serotonin Reuptake Inhibitors on Interregional Relation of Serotonin Transporter Availability in Major Depression. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 48.	1.0	50
34	Whole-Body Distribution and Radiation Dosimetry of ¹¹ C-Elacridar and ¹¹ C-Tarividar in Humans. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1265-1268.	2.8	11
35	[¹⁸ F]FE@SNAPâ€”a specific PET tracer for melanin-concentrating hormone receptor 1 imaging?. <i>EJNMMI Research</i> , 2016, 6, 31.	1.1	8
36	Radiosynthesis and first preclinical evaluation of the novel norepinephrine transporter pet-ligand [¹¹ C]ME@HAPTHI. <i>EJNMMI Research</i> , 2015, 5, 113.	1.1	11

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37	Approaching Complete Inhibition of P-Glycoprotein at the Human Blood–Brain Barrier: An [¹¹ C]Verapamil PET Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 743-746.	2.4	74
38	Cerebral serotonin transporter asymmetry in females, males and male-to-female transsexuals measured by PET in vivo. <i>Brain Structure and Function</i> , 2014, 219, 171-183.	1.2	28
39	Regional differences in SERT occupancy after acute and prolonged SSRI intake investigated by brain PET. <i>NeuroImage</i> , 2014, 88, 252-262.	2.1	54
40	Comparative autoradiographic in vitro investigation of melanin concentrating hormone receptor 1 ligands in the central nervous system. <i>European Journal of Pharmacology</i> , 2014, 735, 177-183.	1.7	10
41	Preclinical in vitro & in vivo evaluation of [¹¹ C]SNAP-7941 – the first PET tracer for the melanin concentrating hormone receptor 1. <i>Nuclear Medicine and Biology</i> , 2013, 40, 919-925.	0.3	20
42	Reliable set-up for in-loop ¹¹ C-carboxylations using Grignard reactions for the preparation of [carbonyl- ¹¹ C]WAY-100635 and [¹¹ C]-(+)-PHNO. <i>Applied Radiation and Isotopes</i> , 2013, 82, 75-80.	0.7	20
43	Interaction of [¹¹ C]-Tariquidar and [¹¹ C]-Elacridar with P-Glycoprotein and Breast Cancer Resistance Protein at the Human Blood–Brain Barrier. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1181-1187.	2.8	45
44	Preparation and First Preclinical Evaluation of [¹⁸ F]FE@SNAP: A Potential PET Tracer for the Melanin Concentrating Hormone Receptor 1 (MCHR1). <i>Scientia Pharmaceutica</i> , 2013, 81, 625-639.	0.7	14
45	Syntheses of Precursors and Reference Compounds of the Melanin-Concentrating Hormone Receptor 1 (MCHR1) Tracers [¹¹ C]SNAP-7941 and [¹⁸ F]FE@SNAP for Positron Emission Tomography. <i>Molecules</i> , 2013, 18, 12119-12143.	1.7	5
46	Differential modulation of the default mode network via serotonin-1A receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2619-2624.	3.3	109
47	Optimization of [¹¹ C]DASB-synthesis: Vessel-based and flow-through microreactor methods. <i>Applied Radiation and Isotopes</i> , 2012, 70, 2615-2620.	0.7	14
48	[¹⁸ F]FE@SNAP – A new PET tracer for the melanin concentrating hormone receptor 1 (MCHR1): Microfluidic and vessel-based approaches. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 5936-5940.	1.4	28
49	Prediction of SSRI treatment response in major depression based on serotonin transporter interplay between median raphe nucleus and projection areas. <i>NeuroImage</i> , 2012, 63, 874-881.	2.1	124
50	Microfluidic preparation of [¹⁸ F]FE@SUPPY and [¹⁸ F]FE@SUPPY:2 – comparison with conventional radiosyntheses. <i>Nuclear Medicine and Biology</i> , 2011, 38, 427-434.	0.3	25
51	The Potential Role of the MCHR1 in Diagnostic Imaging: Facts and Trends. , 0, , ,		2
52	Synthesis of 2-(4-N-[¹¹ C]Methylaminophenyl)-6-Hydroxybenzothiazole ([¹¹ C]6-OH-BTA-1; [¹¹ C]PIB). , 0, , 177-189.		0