Cecile Philippe

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5843171/publications.pdf

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52	1,027	430874	454955
papers	citations	18 h-index	30 g-index

55	55	55	1513
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deciphering metformin action in obese mice: A critical re-evaluation of established protocols. Metabolism: Clinical and Experimental, 2022, 128, 154956.	3.4	5
2	Simultaneous radiomethylation of [11C]harmine and [11C]DASB and kinetic modeling approach for serotonergic brain imaging in the same individual. Scientific Reports, 2022, 12, 3283.	3.3	0
3	Thyroid and androgen receptor signaling are antagonized by Î¼â€Crystallin in prostate cancer. International Journal of Cancer, 2021, 148, 731-747.	5.1	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. Frontiers in Pharmacology, 2021, 12, 698966.	3.5	6
5	Discovery of melaninâ€concentrating hormone receptor 1 in brown adipose tissue. Annals of the New York Academy of Sciences, 2021, 1494, 70-86.	3.8	2
6	Measurement of Hepatic ABCB1 and ABCG2 Transport Activity with [11C]Tariquidar and PET in Humans and Mice. Molecular Pharmaceutics, 2020, 17, 316-326.	4.6	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. Cerebral Cortex, 2020, 30, 3771-3780.	2.9	10
8	On the relationship of first-episode psychosis to the amphetamine-sensitized state: a dopamine D2/3 receptor agonist radioligand study. Translational Psychiatry, 2020, 10, 2.	4.8	25
9	SNAPshots of the MCHR1: a Comparison Between the PET-Tracers [18F]FE@SNAP and [11C]SNAP-7941. Molecular Imaging and Biology, 2019, 21, 257-268.	2.6	5
10	Serotonin Transporter Binding in the Human Brain After Pharmacological Challenge Measured Using PET and PET/MR. Frontiers in Molecular Neuroscience, 2019, 12, 172.	2.9	6
11	In vitro Radiopharmaceutical Evidence for MCHR1 Binding Sites in Murine Brown Adipocytes. Frontiers in Endocrinology, 2019, 10, 324.	3.5	6
12	Toward the Optimization of (+)-[11C]PHNO Synthesis: Time Reduction and Process Validation. Contrast Media and Molecular Imaging, 2019, 2019, 1-13.	0.8	1
13	Epistasis of HTR1A and BDNF risk genes alters cortical 5-HT1A receptor binding: PET results link genotype to molecular phenotype in depression. Translational Psychiatry, 2019, 9, 5.	4.8	7
14	Technical Aspect of the Automated Synthesis and Real-Time Kinetic Evaluation of [¹¹C]SNAP-7941. Journal of Visualized Experiments, 2019, , .	0.3	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. Brain Stimulation, 2019, 12, 714-723.	1.6	24
17	Optimization of the Automated Synthesis of [11C]mHEDâ€"Administered and Apparent Molar Activities. Pharmaceuticals, 2019, 12, 12.	3.8	1
18	Parcellation of the Human Cerebral Cortex Based on Molecular Targets in the Serotonin System Quantified by Positron Emission Tomography In vivo. Cerebral Cortex, 2019, 29, 372-382.	2.9	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. Journal of Nuclear Medicine, 2019, 60, 486-491.	5.0	25
20	Assessment of brain delivery of a model ABCB1/ABCG2 substrate in patients with non-contrast-enhancing brain tumors with positron emission tomography. EJNMMI Research, 2019, 9, 110.	2.5	2
21	A new method measuring the interaction of radiotracers with the human P-glycoprotein (P-gp) transporter. Nuclear Medicine and Biology, 2018, 60, 29-36.	0.6	5
22	Microfluidic ⁶⁸Ga-labeling: a proof of principle study. Dalton Transactions, 2018, 47, 5997-6004.	3.3	9
23	Influence of OATPs on Hepatic Disposition of Erlotinib Measured With Positron Emission Tomography. Clinical Pharmacology and Therapeutics, 2018, 104, 139-147.	4.7	43
24	Comparison of fully-automated radiosyntheses of [11C]erlotinib for preclinical and clinical use starting from in target produced [11C]CO2 or [11C]CH4. EJNMMI Radiopharmacy and Chemistry, 2018, 3, 8.	3.9	10
25	Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. Translational Psychiatry, 2018, 8, 198.	4.8	22
26	Molar activity â€“ The keystone in 11C-radiochemistry: An explorative study using the gas phase method. Nuclear Medicine and Biology, 2018, 67, 21-26.	0.6	4
27	Effect of Rifampicin on the Distribution of [¹¹C]Erlotinib to the Liver, a Translational PET Study in Humans and in Mice. Molecular Pharmaceutics, 2018, 15, 4589-4598.	4.6	17
28	An Overview of PET Radiochemistry, Part 1: The Covalent Labels ¹⁸F, ¹¹C, and ¹³N. Journal of Nuclear Medicine, 2018, 59, 1350-1354.	5.0	26
29	Speed matters to raise molar radioactivity: Fast HPLC shortens the quality control of C-11 PET-tracers. Nuclear Medicine and Biology, 2018, 57, 28-33.	0.6	12
30	Effect of Pâ€glycoprotein inhibition at the bloodâ€“brain barrier on brain distribution of (R)â€[¹¹C]verapamil in elderly vs. young subjects. British Journal of Clinical Pharmacology, 2017, 83, 1991-1999.	2.4	28
31	In vivo evaluation of radiotracers targeting the melanin-concentrating hormone receptor 1: [11C]SNAP-7941 and [18F]FE@SNAP reveal specific uptake in the ventricular system. Scientific Reports, 2017, 7, 8054.	3.3	6
32	Altered interregional molecular associations of the serotonin transporter in attention deficit/hyperactivity disorder assessed with PET. Human Brain Mapping, 2017, 38, 792-802.	3.6	21
33	Effects of Selective Serotonin Reuptake Inhibitors on Interregional Relation of Serotonin Transporter Availability in Major Depression. Frontiers in Human Neuroscience, 2017, 11, 48.	2.0	50
34	Whole-Body Distribution and Radiation Dosimetry of ¹¹C-Elacridar and ¹¹C-Tariquidar in Humans. Journal of Nuclear Medicine, 2016, 57, 1265-1268.	5.0	11
35	[18F]FE@SNAPâ€”a specific PET tracer for melanin-concentrating hormone receptor 1 imaging?. EJNMMI Research, 2016, 6, 31.	2.5	8
36	Radiosynthesis and first preclinical evaluation of the novel norepinephrine transporter pet-ligand [11C]ME@HAPTHI. EJNMMI Research, 2015, 5, 113.	2.5	11

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37	Approaching Complete Inhibition of P-Glycoprotein at the Human Bloodâ€“Brain Barrier: An (R)-[¹¹C]Verapamil PET Study. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 743-746.	4.3	74
38	Cerebral serotonin transporter asymmetry in females, males and male-to-female transsexuals measured by PET in vivo. Brain Structure and Function, 2014, 219, 171-183.	2.3	28
39	Regional differences in SERT occupancy after acute and prolonged SSRI intake investigated by brain PET. NeuroImage, 2014, 88, 252-262.	4.2	54
40	Comparative autoradiographic in vitro investigation of melanin concentrating hormone receptor 1 ligands in the central nervous system. European Journal of Pharmacology, 2014, 735, 177-183.	3.5	10
41	Preclinical in vitro & in vivo evaluation of [11C]SNAP-7941 â€“ the first PET tracer for the melanin concentrating hormone receptor 1. Nuclear Medicine and Biology, 2013, 40, 919-925.	0.6	20
42	Reliable set-up for in-loop 11C-carboxylations using Grignard reactions for the preparation of [carbonyl-11C]WAY-100635 and [11C]-(+)-PHNO. Applied Radiation and Isotopes, 2013, 82, 75-80.	1.5	20
43	Interaction of ¹¹C-Tariquidar and ¹¹C-Elacridar with P-Glycoprotein and Breast Cancer Resistance Protein at the Human Bloodâ€“Brain Barrier. Journal of Nuclear Medicine, 2013, 54, 1181-1187.	5.0	45
44	Preparation and First Preclinical Evaluation of [18F]FE@SNAP: A Potential PET Tracer for the Melanin Concentrating Hormone Receptor 1 (MCHR1). Scientia Pharmaceutica, 2013, 81, 625-639.	2.0	14
45	Syntheses of Precursors and Reference Compounds of the Melanin-Concentrating Hormone Receptor 1 (MCHR1) Tracers [11C]SNAP-7941 and [18F]FE@SNAP for Positron Emission Tomography. Molecules, 2013, 18, 12119-12143.	3.8	5
46	Differential modulation of the default mode network via serotonin-1A receptors. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2619-2624.	7.1	109
47	Optimization of [11C]DASB-synthesis: Vessel-based and flow-through microreactor methods. Applied Radiation and Isotopes, 2012, 70, 2615-2620.	1.5	14
48	[18F]FE@SNAPâ€”A new PET tracer for the melanin concentrating hormone receptor 1 (MCHR1): Microfluidic and vessel-based approaches. Bioorganic and Medicinal Chemistry, 2012, 20, 5936-5940.	3.0	28
49	Prediction of SSRI treatment response in major depression based on serotonin transporter interplay between median raphe nucleus and projection areas. NeuroImage, 2012, 63, 874-881.	4.2	124
50	Microfluidic preparation of [18F]FE@SUPPY and [18F]FE@SUPPY:2 â€” comparison with conventional radiosyntheses. Nuclear Medicine and Biology, 2011, 38, 427-434.	0.6	25
51	The Potential Role of the MCHR1 in Diagnostic Imaging: Facts and Trends. , 0, , .		2
52	Synthesis of 2-(4-N-[11C]Methylaminophenyl)-6-Hydroxybenzothiazole ([11C]6-OH-BTA-1; [11C]PIB). , 0, , 177-189.		0