

Thomas Filip

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

499
citations

759233

12
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

704
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a ¹⁸ F-labeled Tetrazine with Favorable Pharmacokinetics for Bioorthogonal PET Imaging. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9655-9659.	13.8	108
2	Design, Synthesis, and Evaluation of a Low-Molecular-Weight ¹¹ C-Labeled Tetrazine for Pretargeted PET Imaging Applying Bioorthogonal in Vivo Click Chemistry. <i>Bioconjugate Chemistry</i> , 2016, 27, 1707-1712.	3.6	73
3	Breast Cancer Resistance Protein and P-Glycoprotein Influence In Vivo Disposition of ¹¹ C-Erlotinib. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1930-1936.	5.0	52
4	A Novel PET Protocol for Visualization of Breast Cancer Resistance Protein Function at the Blood-Brain Barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 2002-2011.	4.3	46
5	Factors Governing P-Glycoprotein-Mediated Drug-Drug Interactions at the Blood-Brain Barrier Measured with Positron Emission Tomography. <i>Molecular Pharmaceutics</i> , 2015, 12, 3214-3225.	4.6	39
6	Imaging P-Glycoprotein Induction at the Blood-Brain Barrier of a β -Amyloidosis Mouse Model with ¹¹ C-Metoclopramide PET. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1050-1057.	5.0	21
7	Inhibition of ABCB1 and ABCG2 at the Mouse Blood-Brain Barrier with Marketed Drugs To Improve Brain Delivery of the Model ABCB1/ABCG2 Substrate [¹¹ C]erlotinib. <i>Molecular Pharmaceutics</i> , 2019, 16, 1282-1293.	4.6	20
8	Age dependency of cerebral P-glycoprotein function in wild-type and APPPS1 mice measured with PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 150-162.	4.3	20
9	Complete inhibition of ABCB1 and ABCG2 at the blood-brain barrier by co-infusion of erlotinib and tariquidar to improve brain delivery of the model ABCB1/ABCG2 substrate [¹¹ C]erlotinib. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1634-1646.	4.3	17
10	Assessing the Activity of Multidrug Resistance-Associated Protein 1 at the Lung Epithelial Barrier. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1650-1657.	5.0	16
11	Influence of Multidrug Resistance-Associated Proteins on the Excretion of the ABCC1 Imaging Probe 6-Bromo-7-[¹¹ C]Methylpurine in Mice. <i>Molecular Imaging and Biology</i> , 2019, 21, 306-316.	2.6	15
12	Measurement of cerebral ABCC1 transport activity in wild-type and APP/PS1-21 mice with positron emission tomography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 954-965.	4.3	14
13	Innate Immune Training with Bacterial Extracts Enhances Lung Macrophage Recruitment to Protect from Betacoronavirus Infection. <i>Journal of Innate Immunity</i> , 2022, 14, 293-305.	3.8	12
14	PET imaging to assess the impact of P-glycoprotein on pulmonary drug delivery in rats. <i>Journal of Controlled Release</i> , 2022, 342, 44-52.	9.9	11
15	Assessing the Functional Redundancy between P-gp and BCRP in Controlling the Brain Distribution and Biliary Excretion of Dual Substrates with PET Imaging in Mice. <i>Pharmaceutics</i> , 2021, 13, 1286.	4.5	7
16	Influence of ABC transporters on the excretion of ciprofloxacin assessed with PET imaging in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 163, 105854.	4.0	7
17	[¹¹ C]Erlotinib PET cannot detect acquired erlotinib resistance in NSCLC tumor xenografts in mice. <i>Nuclear Medicine and Biology</i> , 2017, 52, 7-15.	0.6	6
18	Impact of P-gp and BCRP on pulmonary drug disposition assessed by PET imaging in rats. <i>Journal of Controlled Release</i> , 2022, 349, 109-117.	9.9	5

#	ARTICLE	IF	CITATIONS
19	Influence of breast cancer resistance protein and P-glycoprotein on tissue distribution and excretion of Ko143 assessed with PET imaging in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 115, 212-222.	4.0	4
20	Brain Distribution of Dual ABCB1/ABCG2 Substrates Is Unaltered in a Beta-Amyloidosis Mouse Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8245.	4.1	4
21	Use of PET Imaging to Assess the Efficacy of Thiethylperazine to Stimulate Cerebral MRP1 Transport Activity in Wild-Type and APP/PS1-21 Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6514.	4.1	2