Irene HernÃ¡ndez-Lozano

List of Publications by Year
in descending order

15 papers	127 citations	1478280 6 h-index	1281743 11 g-index
15 all docs	15 docs citations	15 times ranked	114 citing authors

#	Article	IF	Citations
1	PET imaging to assess the impact of P-glycoprotein on pulmonary drug delivery in rats. Journal of Controlled Release, 2022, 342, 44-52.	4.8	11
2	Pharmacokinetic Imaging Using 99mTc-Mebrofenin to Untangle the Pattern of Hepatocyte Transporter Disruptions Induced by Endotoxemia in Rats. Pharmaceuticals, 2022, 15, 392.	1.7	2
3	Use of PET Imaging to Assess the Efficacy of Thiethylperazine to Stimulate Cerebral MRP1 Transport Activity in Wild-Type and APP/PS1-21 Mice. International Journal of Molecular Sciences, 2022, 23, 6514.	1.8	2
4	Impact of P-gp and BCRP on pulmonary drug disposition assessed by PET imaging in rats. Journal of Controlled Release, 2022, 349, 109-117.	4.8	5
5	Complete inhibition of ABCB1 and ABCG2 at the bloodâ€“brain barrier by co-infusion of erlotinib and tariquidar to improve brain delivery of the model ABCB1/ABCG2 substrate [¹¹C]erlotinib. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1634-1646.	2.4	17
6	Influence of Cation Transporters (OCTs and MATEs) on the Renal and Hepatobiliary Disposition of [11C]Metoclopramide in Mice. Pharmaceutical Research, 2021, 38, 127-140.	1.7	1
7	Repurposing 99mTc-Mebrofenin as a Probe for Molecular Imaging of Hepatocyte Transporters. Journal of Nuclear Medicine, 2021, 62, 1043-1047.	2.8	4
8	Imaging-Based Characterization of a Slco2b1(-/-) Mouse Model Using [11C]Erlotinib and [99mTc]Mebrofenin as Probe Substrates. Pharmaceutics, 2021, 13, 918.	2.0	2
9	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. Pharmaceutics, 2021, 13, 1286.	2.0	7
10	Influence of ABC transporters on the excretion of ciprofloxacin assessed with PET imaging in mice. European Journal of Pharmaceutical Sciences, 2021, 163, 105854.	1.9	7
11	Measurement of Hepatic ABCB1 and ABCG2 Transport Activity with [11C]Tariquidar and PET in Humans and Mice. Molecular Pharmaceutics, 2020, 17, 316-326.	2.3	15
12	Validation of Pharmacological Protocols for Targeted Inhibition of Canalicular MRP2 Activity in Hepatocytes Using [99mTc]mebrofenin Imaging in Rats. Pharmaceutics, 2020, 12, 486.	2.0	7
13	Use of imaging to assess the activity of hepatic transporters. Expert Opinion on Drug Metabolism and Toxicology, 2020, 16, 149-164.	1.5	17
14	Assessing the Activity of Multidrug Resistanceâ€“Associated Protein 1 at the Lung Epithelial Barrier. Journal of Nuclear Medicine, 2020, 61, 1650-1657.	2.8	16
15	Towards Improved Pharmacokinetic Models for the Analysis of Transporter-Mediated Hepatic Disposition of Drug Molecules with Positron Emission Tomography. AAPS Journal, 2019, 21, 61.	2.2	14