S Cyrus Khojasteh

List of Publications by Citations

34 papers	493 citations	14 h-index	21 g-index
35 ext. papers	596 ext. citations	4.4 avg, IF	3.3 L-index

#	Paper	IF	Citations
34	Significant species difference in amide hydrolysis of GDC-0834, a novel potent and selective Bruton's tyrosine kinase inhibitor. *Drug Metabolism and Disposition*, **2011**, 39, 1840-9	4	62
33	A novel reaction mediated by human aldehyde oxidase: amide hydrolysis of GDC-0834. *Drug Metabolism and Disposition*, **2015**, 43, 908-15	4	48
32	Linker Immolation Determines Cell Killing Activity of Disulfide-Linked Pyrrolobenzodiazepine Antibody-Drug Conjugates. *ACS Medicinal Chemistry Letters*, **2016**, 7, 988-993	4.3	36
31	Drug Concentration Asymmetry in Tissues and Plasma for Small Molecule-Related Therapeutic Modalities. *Drug Metabolism and Disposition*, **2019**, 47, 1122-1135	4	36
30	A decades-long investigation of acute metabolism-based hepatotoxicity by herbal constituents: a case study of pennyroyal oil. *Drug Metabolism Reviews*, **2015**, 47, 12-20	7	27
29	Absorption, Metabolism, Excretion, and the Contribution of Intestinal Metabolism to the Oral Disposition of [14C]Cobimetinib, a MEK Inhibitor, in Humans. *Drug Metabolism and Disposition*, **2016**, 44, 28-39	4	26
28	Metabolism and toxicity of menthofuran in rat liver slices and in rats. *Chemical Research in Toxicology*, **2010**, 23, 1824-32	4	26
27	Intratumoral Payload Concentration Correlates with the Activity of Antibody-Drug Conjugates. *Molecular Cancer Therapeutics*, **2018**, 17, 677-685	6.1	22
26	Chemical Structure and Concentration of Intratumor Catabolites Determine Efficacy of Antibody Drug Conjugates. *Drug Metabolism and Disposition*, **2016**, 44, 1517-23	4	22
25	Characterization of rat liver proteins adducted by reactive metabolites of menthofuran. *Chemical Research in Toxicology*, **2012**, 25, 2301-9	4	22
24	Antibody Drug Conjugates Differentiate Uptake and DNA Alkylation of Pyrrolobenzodiazepines in Tumors from Organs of Xenograft Mice. *Drug Metabolism and Disposition*, **2016**, 44, 1958-1962	4	21
23	High-Throughput, 384-Well, LC-MS/MS CYP Inhibition Assay Using Automation, Cassette-Analysis Technique and Streamlined Data Analysis. *Drug Metabolism Letters*, **2011**, 5, 220-230	2.1	19
22	Going Beyond Common Drug Metabolizing Enzymes: Case Studies of Biotransformation Involving Aldehyde Oxidase, γ-Glutamyl Transpeptidase, Cathepsin B, Flavin-Containing Monooxygenase, and ADP-Ribosyltransferase. *Drug Metabolism and Disposition*, **2016**, 44, 1253-61	4	19
21	Immolation of p-Aminobenzyl Ether Linker and Payload Potency and Stability Determine the Cell-Killing Activity of Antibody-Drug Conjugates with Phenol-Containing Payloads. *Bioconjugate Chemistry*, **2018**, 29, 267-274	6.3	18
20	Catalytic Cleavage of Disulfide Bonds in Small Molecules and Linkers of Antibody-Drug Conjugates. *Drug Metabolism and Disposition*, **2019**, 47, 1156-1163	4	11
19	Exploration of Pyrrolobenzodiazepine (PBD)-Dimers Containing Disulfide-Based Prodrugs as Payloads for Antibody-Drug Conjugates. *Molecular Pharmaceutics*, **2018**, 15, 3979-3996	5.6	11
18	Exposure-Efficacy Analysis of Antibody-Drug Conjugates Delivering an Excessive Level of Payload to Tissues. *Drug Metabolism and Disposition*, **2019**, 47, 1146-1155	4	11

17	Biotransformation and bioactivation reactions - 2015 literature highlights. *Drug Metabolism Reviews*, **2016**, 48, 113-38	7	10
16	Biotransformation and bioactivation reactions - 2017 literature highlights. *Drug Metabolism Reviews*, **2018**, 50, 221-255	7	6
15	Biotransformation and bioactivation reactions - 2016 literature highlights. *Drug Metabolism Reviews*, **2017**, 49, 285-317	7	5
14	Inhibitory Effects of Trapping Agents of Sulfur Drug Reactive Intermediates against Major Human Cytochrome P450 Isoforms. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	5
13	Novel Mechanism of Decyanation of GDC-0425 by Cytochrome P450. *Drug Metabolism and Disposition*, **2017**, 45, 430-440	4	4
12	For a series of methylindole analogs, reactive metabolite formation is a poor predictor of intrinsic cytotoxicity in human hepatocytes. *Toxicology Research*, **2014**, 3, 184	2.6	4
11	High-throughput, 384-well, LC-MS/MS CYP inhibition assay using automation, cassette-analysis technique, and streamlined data analysis. *Drug Metabolism Letters*, **2011**, 5, 220-30	2.1	4
10	Biotransformation and bioactivation reactions - 2018 literature highlights. *Drug Metabolism Reviews*, **2019**, 51, 121-161	7	3
9	Strategies to Mitigate the Bioactivation of Aryl Amines. *Chemical Research in Toxicology*, **2020**, 33, 1950-1959	4	3
8	CYP1A1-Mediated Intramolecular Rearrangement of Aminoazepane in GDC-0339. *Drug Metabolism and Disposition*, **2017**, 45, 1084-1092	4	3
7	Bioactivation of ,-Unsaturated Carboxylic Acids Through Acyl Glucuronidation. *Drug Metabolism and Disposition*, **2020**, 48, 819-829	4	2
6	Elucidation of the mechanism of ribose conjugation in a pyrazole-containing compound in rodent liver. *Xenobiotica*, **2013**, 43, 236-45	2	2
5	Carfilzomib Is Not an Appropriate Payload of Antibody-Drug Conjugates Due to Rapid Inactivation by Lysosomal Enzymes. *Drug Metabolism and Disposition*, **2019**, 47, 884-889	4	1
4	Novel advances in biotransformation and bioactivation research-2019 year in review. *Drug Metabolism Reviews*, **2020**, 52, 333-365	7	1
3	Novel advances in biotransformation and bioactivation research - 2020 year in review. *Drug Metabolism Reviews*, **2021**, 53, 384-433	7	1
2	Comparative assessment for rat strain differences in metabolic profiles of 14 drugs in Wistar Han and Sprague Dawley hepatocytes. *Xenobiotica*, **2021**, 51, 15-23	2	1
1	Absorption, metabolism and excretion of pictilisib, a potent pan-class I phosphatidylinositol-3-Kinase (PI3K) inhibitor, in rats, dogs, and humans. *Xenobiotica*, **2021**, 51, 796-810	2	0