

S Cyrus Khojasteh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Novel advances in biotransformation and bioactivation research - 2020 year in review. <i>Drug Metabolism Reviews</i> , 2021 , 53, 384-433	7	1
33	Absorption, metabolism and excretion of pictilisib, a potent pan-class I phosphatidylinositol-3-Kinase (PI3K) inhibitor, in rats, dogs, and humans. <i>Xenobiotica</i> , 2021 , 51, 796-810	2	0
32	Comparative assessment for rat strain differences in metabolic profiles of 14 drugs in Wistar Han and Sprague Dawley hepatocytes. <i>Xenobiotica</i> , 2021 , 51, 15-23	2	1
31	Strategies to Mitigate the Bioactivation of Aryl Amines. <i>Chemical Research in Toxicology</i> , 2020 , 33, 1950-1959	1	3
30	Novel advances in biotransformation and bioactivation research-2019 year in review. <i>Drug Metabolism Reviews</i> , 2020 , 52, 333-365	7	1
29	Bioactivation of α -Unsaturated Carboxylic Acids Through Acyl Glucuronidation. <i>Drug Metabolism and Disposition</i> , 2020 , 48, 819-829	4	2
28	Biotransformation and bioactivation reactions - 2018 literature highlights. <i>Drug Metabolism Reviews</i> , 2019 , 51, 121-161	7	3
27	Carfilzomib Is Not an Appropriate Payload of Antibody-Drug Conjugates Due to Rapid Inactivation by Lysosomal Enzymes. <i>Drug Metabolism and Disposition</i> , 2019 , 47, 884-889	4	1
26	Catalytic Cleavage of Disulfide Bonds in Small Molecules and Linkers of Antibody-Drug Conjugates. <i>Drug Metabolism and Disposition</i> , 2019 , 47, 1156-1163	4	11
25	Exposure-Efficacy Analysis of Antibody-Drug Conjugates Delivering an Excessive Level of Payload to Tissues. <i>Drug Metabolism and Disposition</i> , 2019 , 47, 1146-1155	4	11
24	Drug Concentration Asymmetry in Tissues and Plasma for Small Molecule-Related Therapeutic Modalities. <i>Drug Metabolism and Disposition</i> , 2019 , 47, 1122-1135	4	36
23	Intratumoral Payload Concentration Correlates with the Activity of Antibody-Drug Conjugates. <i>Molecular Cancer Therapeutics</i> , 2018 , 17, 677-685	6.1	22
22	Immolation of p-Aminobenzyl Ether Linker and Payload Potency and Stability Determine the Cell-Killing Activity of Antibody-Drug Conjugates with Phenol-Containing Payloads. <i>Bioconjugate Chemistry</i> , 2018 , 29, 267-274	6.3	18
21	Exploration of Pyrrolobenzodiazepine (PBD)-Dimers Containing Disulfide-Based Prodrugs as Payloads for Antibody-Drug Conjugates. <i>Molecular Pharmaceutics</i> , 2018 , 15, 3979-3996	5.6	11
20	Biotransformation and bioactivation reactions - 2017 literature highlights. <i>Drug Metabolism Reviews</i> , 2018 , 50, 221-255	7	6
19	Novel Mechanism of Decyanation of GDC-0425 by Cytochrome P450. <i>Drug Metabolism and Disposition</i> , 2017 , 45, 430-440	4	4
18	Biotransformation and bioactivation reactions - 2016 literature highlights. <i>Drug Metabolism Reviews</i> , 2017 , 49, 285-317	7	5

17	CYP1A1-Mediated Intramolecular Rearrangement of Aminoazepane in GDC-0339. <i>Drug Metabolism and Disposition</i> , 2017 , 45, 1084-1092	4	3
16	Inhibitory Effects of Trapping Agents of Sulfur Drug Reactive Intermediates against Major Human Cytochrome P450 Isoforms. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	5
15	Linker Immobilization Determines Cell Killing Activity of Disulfide-Linked Pyrrolobenzodiazepine Antibody-Drug Conjugates. <i>ACS Medicinal Chemistry Letters</i> , 2016 , 7, 988-993	4.3	36
14	Chemical Structure and Concentration of Intratumor Catabolites Determine Efficacy of Antibody Drug Conjugates. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 1517-23	4	22
13	Antibody Drug Conjugates Differentiate Uptake and DNA Alkylation of Pyrrolobenzodiazepines in Tumors from Organs of Xenograft Mice. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 1958-1962	4	21
12	Biotransformation and bioactivation reactions - 2015 literature highlights. <i>Drug Metabolism Reviews</i> , 2016 , 48, 113-38	7	10
11	Absorption, Metabolism, Excretion, and the Contribution of Intestinal Metabolism to the Oral Disposition of [¹⁴ C]Cobimetinib, a MEK Inhibitor, in Humans. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 28-39	4	26
10	Going Beyond Common Drug Metabolizing Enzymes: Case Studies of Biotransformation Involving Aldehyde Oxidase, β -Glutamyl Transpeptidase, Cathepsin B, Flavin-Containing Monooxygenase, and ADP-Ribosyltransferase. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 1253-61	4	19
9	A novel reaction mediated by human aldehyde oxidase: amide hydrolysis of GDC-0834. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 908-15	4	48
8	A decades-long investigation of acute metabolism-based hepatotoxicity by herbal constituents: a case study of pennyroyal oil. <i>Drug Metabolism Reviews</i> , 2015 , 47, 12-20	7	27
7	For a series of methylindole analogs, reactive metabolite formation is a poor predictor of intrinsic cytotoxicity in human hepatocytes. <i>Toxicology Research</i> , 2014 , 3, 184	2.6	4
6	Elucidation of the mechanism of ribose conjugation in a pyrazole-containing compound in rodent liver. <i>Xenobiotica</i> , 2013 , 43, 236-45	2	2
5	Characterization of rat liver proteins adducted by reactive metabolites of menthofuran. <i>Chemical Research in Toxicology</i> , 2012 , 25, 2301-9	4	22
4	High-Throughput, 384-Well, LC-MS/MS CYP Inhibition Assay Using Automation, Cassette-Analysis Technique and Streamlined Data Analysis. <i>Drug Metabolism Letters</i> , 2011 , 5, 220-230	2.1	19
3	Significant species difference in amide hydrolysis of GDC-0834, a novel potent and selective Bruton's tyrosine kinase inhibitor. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 1840-9	4	62
2	High-throughput, 384-well, LC-MS/MS CYP inhibition assay using automation, cassette-analysis technique, and streamlined data analysis. <i>Drug Metabolism Letters</i> , 2011 , 5, 220-30	2.1	4
1	Metabolism and toxicity of menthofuran in rat liver slices and in rats. <i>Chemical Research in Toxicology</i> , 2010 , 23, 1824-32	4	26