

# S Cyrus Khojasteh

## List of Publications by Year in descending order

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35  
papers

700  
citations

516561

16  
h-index

580701

25  
g-index

35  
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35  
docs citations

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times ranked

927  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug Concentration Asymmetry in Tissues and Plasma for Small Molecule-Related Therapeutic Modalities. <i>Drug Metabolism and Disposition</i> , 2019, 47, 1122-1135.	1.7	79
2	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, 1840-1849.	1.7	69
3	A Novel Reaction Mediated by Human Aldehyde Oxidase: Amide Hydrolysis of GDC-0834. <i>Drug Metabolism and Disposition</i> , 2015, 43, 908-915.	1.7	53
4	Linker Immolation Determines Cell Killing Activity of Disulfide-Linked Pyrrolobenzodiazepine Antibody-Drug Conjugates. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 988-993.	1.3	52
5	Absorption, Metabolism, Excretion, and the Contribution of Intestinal Metabolism to the Oral Disposition of [14C]Cobimetinib, a MEK Inhibitor, in Humans. <i>Drug Metabolism and Disposition</i> , 2015, 44, 28-39.	1.7	37
6	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.	1.5	32
7	Metabolism and Toxicity of Menthofuran in Rat Liver Slices and in Rats. <i>Chemical Research in Toxicology</i> , 2010, 23, 1824-1832.	1.7	31
8	Intratumoral Payload Concentration Correlates with the Activity of Antibody-Drug Conjugates. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 677-685.	1.9	30
9	Immolation of <i>p</i> -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.	1.8	27
10	Catalytic Cleavage of Disulfide Bonds in Small Molecules and Linkers of Antibody-Drug Conjugates. <i>Drug Metabolism and Disposition</i> , 2019, 47, 1156-1163.	1.7	27
11	Chemical Structure and Concentration of Intratumor Catabolites Determine Efficacy of Antibody Drug Conjugates. <i>Drug Metabolism and Disposition</i> , 2016, 44, 1517-1523.	1.7	25
12	Characterization of Rat Liver Proteins Adducted by Reactive Metabolites of Menthofuran. <i>Chemical Research in Toxicology</i> , 2012, 25, 2301-2309.	1.7	24
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.	1.7	23
14	Going Beyond Common Drug Metabolizing Enzymes: Case Studies of Biotransformation Involving Aldehyde Oxidase, $\alpha$ -Glutamyl Transpeptidase, Cathepsin B, Flavin-Containing Monooxygenase, and ADP-Ribosyltransferase. <i>Drug Metabolism and Disposition</i> , 2016, 44, 1253-1261.	1.7	22
15	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.	0.5	21
16	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.	1.7	20
17	Exploration of Pyrrolobenzodiazepine (PBD)-Dimers Containing Disulfide-Based Prodrugs as Payloads for Antibody-Drug Conjugates. <i>Molecular Pharmaceutics</i> , 2018, 15, 3979-3996.	2.3	16
18	Biotransformation and bioactivation reactions - 2015 literature highlights. <i>Drug Metabolism Reviews</i> , 2016, 48, 113-138.	1.5	14

#	ARTICLE	IF	CITATIONS
19	Strategies to Mitigate the Bioactivation of Aryl Amines. <i>Chemical Research in Toxicology</i> , 2020, 33, 1950-1959.	1.7	10
20	Biotransformation and bioactivation reactions â€“ 2017 literature highlights. <i>Drug Metabolism Reviews</i> , 2018, 50, 221-255.	1.5	9
21	Novel Mechanism of Decyanation of GDC-0425 by Cytochrome P450. <i>Drug Metabolism and Disposition</i> , 2017, 45, 430-440.	1.7	8
22	Biotransformation and bioactivation reactions â€“ 2016 literature highlights. <i>Drug Metabolism Reviews</i> , 2017, 49, 285-317.	1.5	8
23	CYP1A1-Mediated Intramolecular Rearrangement of Aminoazepane in GDC-0339. <i>Drug Metabolism and Disposition</i> , 2017, 45, 1084-1092.	1.7	7
24	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, 1553.	1.8	6
25	Biotransformation and bioactivation reactions â€“ 2018 literature highlights. <i>Drug Metabolism Reviews</i> , 2019, 51, 121-161.	1.5	6
26	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.	0.9	5
27	Novel advances in biotransformation and bioactivation researchâ€”2019 year in review. <i>Drug Metabolism Reviews</i> , 2020, 52, 333-365.	1.5	5
28	Bioactivation of Î±,Î²-Unsaturated Carboxylic Acids Through Acyl Glucuronidation. <i>Drug Metabolism and Disposition</i> , 2020, 48, 819-829.	1.7	5
29	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.	0.5	5
30	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.	0.5	5
31	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.	0.5	5
32	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.	1.7	4
33	Novel advances in biotransformation and bioactivation research â€“ 2020 year in review. <i>Drug Metabolism Reviews</i> , 2021, 53, 384-433.	1.5	4
34	Elucidation of the mechanism of ribose conjugation in a pyrazole-containing compound in rodent liver. <i>Xenobiotica</i> , 2013, 43, 236-245.	0.5	3
35	Biotransformation novel advances â€“ 2021 year in review. <i>Drug Metabolism Reviews</i> , 2022, 54, 207-245.	1.5	3