

# Margaret O James

## List of Publications by Year in descending order

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140  
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citations

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#	ARTICLE	IF	CITATIONS
1	TRICLOSAN AS A SUBSTRATE AND INHIBITOR OF 3- $\alpha$ -PHOSPHOADENOSINE 5- $\beta$ -PHOSPHOSULFATE-SULFOTRANSFERASE AND UDP-GLUCURONOSYL TRANSFERASE IN HUMAN LIVER FRACTIONS. <i>Drug Metabolism and Disposition</i> , 2004, 32, 1162-1169.	3.3	160
2	Differences in the carcinogenic evaluation of glyphosate between the International Agency for Research on Cancer (IARC) and the European Food Safety Authority (EFSA). <i>Journal of Epidemiology and Community Health</i> , 2016, 70, 741-745.	3.7	138
3	Inhibition of Sulfotransferases by Xenobiotics. <i>Current Drug Metabolism</i> , 2006, 7, 83-104.	1.2	128
4	Hepatic and extrahepatic metabolism, in vitro, of an epoxide (8-14C-styrene oxide) in the rabbit. <i>Biochemical Pharmacology</i> , 1976, 25, 187-193.	4.4	125
5	Pharmacokinetics, Metabolism, and Toxicology of Dichloroacetate. <i>Drug Metabolism Reviews</i> , 1998, 30, 499-539.	3.6	119
6	Polycyclic aromatic hydrocarbon induction of cytochrome P-450-dependent mixed-function oxidases in marine fish. <i>Toxicology and Applied Pharmacology</i> , 1980, 54, 117-133.	2.8	117
7	Triclosan is a potent inhibitor of estradiol and estrone sulfonation in sheep placenta. <i>Environment International</i> , 2010, 36, 942-949.	10.0	111
8	Cytochrome P450 monooxygenases in crustaceans. <i>Xenobiotica</i> , 1989, 19, 1063-1076.	1.1	110
9	IN VITRO METABOLISM OF XENOBIOTICS IN SOME MARINE ANIMALS. <i>Annals of the New York Academy of Sciences</i> , 1977, 298, 505-521.	3.8	104
10	Therapeutic applications of dichloroacetate and the role of glutathione transferase zeta-1. , 2017, 170, 166-180.		98
11	Biotransformation in Fishes. , 2008, , 153-234.		91
12	Interactions of cytosolic sulfotransferases with xenobiotics. <i>Drug Metabolism Reviews</i> , 2013, 45, 401-414.	3.6	90
13	Epoxide hydrase and glutathione S-transferase activities with selected alkene and arene oxides in several marine species. <i>Chemico-Biological Interactions</i> , 1979, 25, 321-344.	4.0	81
14	Inhibition of Glutathione S-Transferase $\uparrow$ and Tyrosine Metabolism by Dichloroacetate: A Potential Unifying Mechanism for Its Altered Biotransformation and Toxicity. <i>Biochemical and Biophysical Research Communications</i> , 1999, 262, 752-756.	2.1	74
15	Cytochromes P450 in crustacea. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1998, 121, 157-172.	0.5	72
16	The state of in vitro science for use in bioaccumulation assessments for fish. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 86-96.	4.3	69
17	Hydroxylated polychlorinated biphenyls as inhibitors of the sulfation and glucuronidation of 3-hydroxy-benzo[a]pyrene.. <i>Environmental Health Perspectives</i> , 2002, 110, 343-348.	6.0	59
18	Polyhalogenated biphenyls and phenobarbital: Evaluation as inducers of drug metabolizing enzymes in the sheephead, <i>Archosargus probatocephalus</i> . <i>Chemico-Biological Interactions</i> , 1981, 36, 229-248.	4.0	58

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19	Age-Dependent Kinetics and Metabolism of Dichloroacetate: Possible Relevance to Toxicity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 1163-1171.	2.5	57
20	Steroid catabolism in marine and freshwater fish. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 127, 167-175.	2.5	52
21	Pharmacokinetics of sulphadimethoxine in the lobster, <i>Homarus americanus</i> , following intrapericardial administration. <i>Xenobiotica</i> , 1988, 18, 269-276.	1.1	48
22	Use of <i>In Vitro</i> Absorption, Distribution, Metabolism, and Excretion (ADME) Data in Bioaccumulation Assessments for Fish. <i>Human and Ecological Risk Assessment (HERA)</i> , 2007, 13, 1164-1191.	3.4	46
23	Cytochrome P-450-dependent oxidation of progesterone, testosterone, and ecdysone in the spiny lobster, <i>Panulirus argus</i> . <i>Archives of Biochemistry and Biophysics</i> , 1984, 233, 1-9.	3.0	45
24	Sulfotransferase 2A1 forms estradiol-17-sulfate and celecoxib switches the dominant product from estradiol-3-sulfate to estradiol-17-sulfate. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 96, 367-374.	2.5	45
25	DEMETHYLATION OF THE PESTICIDE METHOXYCHLOR IN LIVER AND INTESTINE FROM UNTREATED, METHOXYCHLOR-TREATED, AND 3-METHYLCHOLANTHRENE-TREATED CHANNEL CATFISH ( <i>ICTALURUS</i> ) Disposition. 2006, 34, 932-938.	3.3	45
26	Effect of 3-methylcholanthrene on monooxygenase, epoxide hydrolase, and glutathione S-transferase activities in small estuarine and freshwater fish. <i>Aquatic Toxicology</i> , 1988, 12, 1-15.	4.0	43
27	Polychlorobiphenyls are selective inhibitors of human phenol sulfotransferase 1A1 with 4-nitrophenol as a substrate. <i>Chemico-Biological Interactions</i> , 2006, 159, 235-246.	4.0	43
28	Slow O-demethylation of methyl triclosan to triclosan, which is rapidly glucuronidated and sulfonated in channel catfish liver and intestine. <i>Aquatic Toxicology</i> , 2012, 124-125, 72-82.	4.0	43
29	Liquid chromatography-tandem mass spectrometry method for the simultaneous determination of Î-L-ALA, tyrosine and creatinine in biological fluids. <i>Clinica Chimica Acta</i> , 2004, 350, 219-230.	1.1	42
30	Properties and regional expression of a CYP3A-like protein in channel catfish intestine. <i>Aquatic Toxicology</i> , 2005, 72, 361-371.	4.0	42
31	Taurine Conjugation of 2,4-Dichlorophenoxyacetic Acid and Phenylacetic Acid in Two Marine Species. <i>Xenobiotica</i> , 1976, 6, 393-398.	1.1	40
32	Mitochondrion as a Novel Site of Dichloroacetate Biotransformation by Glutathione Transferase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 336, 87-94.	2.5	38
33	Hepatic and extrahepatic metabolism of <sup>14</sup> C-styrene oxide. <i>Environmental Health Perspectives</i> , 1976, 17, 135-144.	6.0	37
34	Southern flounder hepatic and intestinal metabolism and DNA binding of benzo[a]pyrene (BaP) metabolites following dietary administration of low doses of BaP, BaP-7,8-dihydrodiol or a BaP metabolite mixture. <i>Chemico-Biological Interactions</i> , 1991, 79, 305-321.	4.0	36
35	Temperature-dependent disposition of [ <sup>14</sup> C]benzo(a)pyrene in the spiny lobster, <i>Panulirus argus</i> . <i>Toxicology and Applied Pharmacology</i> , 1985, 77, 325-333.	2.8	35
36	Determination of ketoconazole in the plasma, liver, lung and adrenal of the rat by high-performance liquid chromatography. <i>Biomedical Applications</i> , 1986, 377, 287-294.	1.7	35

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37	Purification and Characterization of Hepatic and Intestinal Phenol Sulfotransferase with High Affinity for Benzo[a]pyrene Phenols from Channel Catfish, <i>Ictalurus punctatus</i> . <i>Archives of Biochemistry and Biophysics</i> , 2000, 376, 409-419.	3.0	33
38	Activities of affinity-isolated glutathione S-transferase (GST) from channel catfish whole intestine. <i>Aquatic Toxicology</i> , 2000, 49, 27-37.	4.0	33
39	Effects of the pesticide methoxychlor on gene expression in the liver and testes of the male largemouth bass ( <i>Micropterus salmoides</i> ). <i>Aquatic Toxicology</i> , 2008, 86, 459-469.	4.0	33
40	Dichloroacetate-induced peripheral neuropathy. <i>International Review of Neurobiology</i> , 2019, 145, 211-238.	2.0	33
41	In Vitro Inhibition of Human Hepatic and cDNA-Expressed Sulfotransferase Activity with 3-Hydroxybenzo[a]pyrene by Polychlorobiphenyls. <i>Environmental Health Perspectives</i> , 2005, 113, 680-687.	6.0	32
42	Isolation of cytochrome P450 from hepatopancreas microsomes of the spiny lobster, <i>Panulirus argus</i> , and determination of catalytic activity with NADPH cytochrome P450 reductase from vertebrate liver. <i>Archives of Biochemistry and Biophysics</i> , 1990, 282, 8-17.	3.0	31
43	cDNA and Protein Sequence of a Major Form of P450, CYP2L, in the Hepatopancreas of the Spiny Lobster, <i>Panulirus argus</i> . <i>Archives of Biochemistry and Biophysics</i> , 1996, 329, 31-38.	3.0	31
44	Kinetics and Metabolism of Chloral Hydrate in Children: Identification of Dichloroacetate as a Metabolite. <i>Biochemical and Biophysical Research Communications</i> , 1997, 235, 695-698.	2.1	30
45	Pharmacologic or genetic ablation of maleylacetoacetate isomerase increases levels of toxic tyrosine catabolites in rodents. <i>Biochemical Pharmacology</i> , 2003, 66, 2029-2038.	4.4	30
46	Prenatal and Postnatal Expression of Glutathione Transferase $\alpha$ 1 in Human Liver and the Roles of Haplotype and Subject Age in Determining Activity with Dichloroacetate. <i>Drug Metabolism and Disposition</i> , 2012, 40, 232-239.	3.3	30
47	SULFONATION OF ENVIRONMENTAL CHEMICALS AND THEIR METABOLITES IN THE POLAR BEAR ( <i>Ursus</i> ) <a href="#">Tj ETQq1 1,0,784314,rgBT /Ove</a>	3.3	29
48	Cross-reactivity of an antibody to spiny lobster P450 2I with microsomes from other species. <i>Marine Environmental Research</i> , 1996, 42, 1-6.	2.5	28
49	Unified gas chromatographic/mass spectrometric method for quantitating tyrosine metabolites in urine and plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 808, 153-161.	2.3	27
50	Determination of dichloroacetate and its metabolites in human plasma by gas chromatography/mass spectrometry. <i>Biomedical Applications</i> , 1997, 703, 75-84.	1.7	26
51	INHIBITION AND RECOVERY OF RAT HEPATIC GLUTATHIONE S-TRANSFERASE ZETA AND ALTERATION OF TYROSINE METABOLISM FOLLOWING DICHLOROACETATE EXPOSURE AND WITHDRAWAL. <i>Drug Metabolism and Disposition</i> , 2006, 34, 36-42.	3.3	26
52	Pharmacogenetic considerations with dichloroacetate dosing. <i>Pharmacogenomics</i> , 2016, 17, 743-753.	1.3	26
53	Catalytic properties of cytochrome P-450 in hepatopancreas of the spiny lobster, <i>Panulirus argus</i> . <i>Marine Environmental Research</i> , 1984, 14, 1-11.	2.5	25
54	Biotransformation, hepatopancreas DNA binding and pharmacokinetics of benzo[a]pyrene after oral and parenteral administration to the American lobster, <i>Homarus americanus</i> . <i>Chemico-Biological Interactions</i> , 1995, 95, 141-160.	4.0	25

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55	Clinical Pharmacology and Toxicology of Dichloroacetate. <i>Environmental Health Perspectives</i> , 1998, 106, 989.	6.0	24
56	The Conjugation of 4-Chloro- and 4-Nitro-phenylacetic Acids in Man, Monkey and Rat. <i>Xenobiotica</i> , 1972, 2, 499-506.	1.1	23
57	Glucuronidation and sulfonation, in vitro, of the major endocrine-active metabolites of methoxychlor in the channel catfish, <i>Ictalurus punctatus</i> , and induction following treatment with 3-methylcholanthrene. <i>Aquatic Toxicology</i> , 2008, 86, 227-238.	4.0	22
58	Effects of food natural products on the biotransformation of PCBs. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 211-217.	4.0	22
59	Glucuronidation of Polychlorinated Biphenyls and UDP-Glucuronic Acid Concentrations in Channel Catfish Liver and Intestine. <i>Drug Metabolism and Disposition</i> , 2008, 36, 623-630.	3.3	22
60	Enzyme Kinetics of Conjugating Enzymes: PAPS Sulfotransferase. <i>Methods in Molecular Biology</i> , 2014, 1113, 187-201.	0.9	22
61	Chloride concentrations in human hepatic cytosol and mitochondria are a function of age. <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 463-468.	2.1	21
62	Glucose and sulfate conjugations of phenol, 1-naphthol and 3-hydroxybenzo[a]pyrene by the American lobster ( <i>Homarus americanus</i> ). <i>Aquatic Toxicology</i> , 1993, 26, 57-71.	4.0	20
63	Hepatic microsomal mixed-function oxidase activities in several marine species common to coastal Florida. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1979, 62, 155-164.	0.2	19
64	Structure features of imidazole derivatives that enhance styrene oxide hydrolase activity in rat hepatic microsomes. <i>Journal of Medicinal Chemistry</i> , 1985, 28, 1120-1124.	6.4	19
65	A multi-year study of hepatic biomarkers in coastal fishes from the Gulf of Mexico after the Deepwater Horizon Oil Spill. <i>Marine Environmental Research</i> , 2017, 129, 57-67.	2.5	19
66	Stimulation of transactivation of the largemouth bass estrogen receptors alpha, beta-a, and beta-b by methoxychlor and its mono- and bis-demethylated metabolites in HepG2 cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 108, 55-63.	2.5	18
67	Chloride and other anions inhibit dichloroacetate-induced inactivation of human liver GSTZ1 in a haplotype-dependent manner. <i>Chemico-Biological Interactions</i> , 2014, 215, 33-39.	4.0	18
68	GSTZ1 expression and chloride concentrations modulate sensitivity of cancer cells to dichloroacetate. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1202-1210.	2.4	18
69	Sulfonation of 17 $\beta$ -estradiol and inhibition of sulfotransferase activity by polychlorobiphenyls and celecoxib in channel catfish, <i>Ictalurus punctatus</i> . <i>Aquatic Toxicology</i> , 2007, 81, 286-292.	4.0	17
70	Glucose and sulfate conjugation of phenolic compounds by the spiny lobster ( <i>panulirus argus</i> ). <i>Journal of Biochemical Toxicology</i> , 1989, 4, 133-138.	0.4	16
71	Carcinogenic effects of 1,2-dibromoethane (ethylene dibromide; EDB) in Japanese medaka ( <i>Oryzias</i> ) Tj ETQq1 1 0.784314 rgBT /Overl 221-232.	1.0	16
72	Expression of CYP2L1 in the yeast <i>Pichia pastoris</i> , and determination of catalytic activity with progesterone and testosterone. <i>Marine Environmental Research</i> , 1998, 46, 25-28.	2.5	16

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73	Seasonal influences on PCB retention and biotransformation in fish. <i>Environmental Science and Pollution Research</i> , 2014, 21, 6324-6333.	5.3	16
74	Increased toxicity of benzo(a)pyrene-7,8-dihydrodiol in the presence of polychlorobiphenyls. <i>Marine Environmental Research</i> , 2004, 58, 343-346.	2.5	15
75	The influence of human GSTZ1 gene haplotype variations on GSTZ1 expression. <i>Pharmacogenetics and Genomics</i> , 2015, 25, 239-245.	1.5	15
76	Genomic Effect of Triclosan on the Fetal Hypothalamus: Evidence for Altered Neuropeptide Regulation. <i>Endocrinology</i> , 2016, 157, 2686-2697.	2.8	15
77	Individual variation in patterns of benzo[a]pyrene metabolism in the marine fish scup ( <i>Stenotomus</i> ) Tj ETQq1 1 0.784314 rgBT /Overload	2.5	14
78	3-Methylcholanthrene does not induce in vitro xenobiotic metabolism in spiny lobster hepatopancreas, or affect in vivo disposition of benzo[a]pyrene. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1984, 78, 241-245.	0.2	12
79	Induction of cytochrome P-450c in hematopoietic cells of fetal liver. <i>Biochemical and Biophysical Research Communications</i> , 1986, 141, 299-305.	2.1	12
80	Xenobiotic Conjugation in Fish and Other Aquatic Species. <i>ACS Symposium Series</i> , 1986, , 29-47.	0.5	12
81	Formation of benzo[a]pyrene-DNA adducts by microsomal enzymes: Comparison of maternal and fetal liver, fetal hematopoietic cells and placenta. <i>Chemico-Biological Interactions</i> , 1987, 61, 203-214.	4.0	12
82	Dose- and time-dependent formation of benzo[a]pyrene metabolite DNA adducts in the spiny lobster, <i>Panulirus argus</i> . <i>Marine Environmental Research</i> , 1992, 34, 299-302.	2.5	12
83	Phase 1 and phase 2 biotransformation and carcinogenicity of 2-acetylaminofluorene in medaka and guppy. <i>Aquatic Toxicology</i> , 1994, 28, 79-95.	4.0	12
84	Bioavailability and biotransformation of 3H-benzo[a]pyrene metabolites in in Situ intestinal preparations of uninduced and BNF-induced channel catfish. <i>Marine Environmental Research</i> , 1996, 42, 309-315.	2.5	12
85	Isolation of a Pi class glutathione S-transferase (GST) from catfish intestinal mucosa. <i>Marine Environmental Research</i> , 1998, 46, 57-60.	2.5	12
86	Determination of chloral hydrate metabolites in human plasma by gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999, 19, 309-318.	2.8	12
87	Intestinal and hepatic microsomal metabolism of testosterone and progesterone by a 3Î±-hydroxysteroid dehydrogenase to the 3Î±-hydroxy derivatives in the channel catfish, <i>Ictalurus punctatus</i> . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002, 82, 413-424.	2.5	12
88	Administration of low dose triclosan to pregnant ewes results in placental uptake and reduced estradiol sulfotransferase activity in fetal liver and placenta. <i>Toxicology Letters</i> , 2018, 294, 116-121.	0.8	12
89	The conjugation of phenylacetic acid in phenylketonurics. <i>European Journal of Clinical Pharmacology</i> , 1973, 5, 243-246.	1.9	11
90	Microsomal Mixed-Function Oxidation in Untreated and Polycyclic Aromatic Hydrocarbon-Treated Marine Fish. <i>ACS Symposium Series</i> , 1979, , 297-318.	0.5	11

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91	Binding of 3-hydroxybenzo[a]pyrene to bovine hemoglobin and albumin. <i>Journal of Biochemical and Molecular Toxicology</i> , 2003, 17, 239-247.	3.0	11
92	The influence of diet on the regional distribution of glutathioneS-transferase activity in channel catfish intestine. <i>Journal of Biochemical and Molecular Toxicology</i> , 2000, 14, 148-154.	3.0	10
93	Glucuronidation in the polar bear ( <i>Ursus maritimus</i> ). <i>Marine Environmental Research</i> , 2004, 58, 475-479.	2.5	10
94	Intestinal bioavailability and biotransformation of 3,3',4,4'-tetrachlorobiphenyl (CB 77) in in situ preparations of channel catfish following dietary induction of CYP1A. <i>Aquatic Toxicology</i> , 2006, 77, 33-42.	4.0	10
95	Pharmacokinetics of Oral Dichloroacetate in Dogs. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013, 27, 522-525.	3.0	10
96	Model Informed Dose Optimization of Dichloroacetate for the Treatment of Congenital Lactic Acidosis in Children. <i>Journal of Clinical Pharmacology</i> , 2018, 58, 212-220.	2.0	10
97	Acute and subacute effects of miconazole nitrate on hepatic styrene oxide hydrolase and cytochrome P-450-dependent monooxygenase activities in male and female AKR/J mice. <i>Toxicology</i> , 1988, 50, 269-281.	4.2	9
98	Drug Pharmacokinetics and Metabolism in Food-Producing Fish and Crustaceans. <i>ACS Symposium Series</i> , 1992, , 98-130.	0.5	9
99	Isolation of CYP2L2 and two other cytochrome P450 sequences from a spiny lobster, <i>Panulirus argus</i> , hepatopancreas cDNA library. <i>Marine Environmental Research</i> , 1998, 46, 21-24.	2.5	9
100	Influence of Dietary Coexposure to Benzo(a)pyrene on the Biotransformation and Distribution of <sup>14</sup> C-Methoxychlor in the Channel Catfish ( <i>Ictalurus punctatus</i> ). <i>Toxicological Sciences</i> , 2009, 108, 320-329.	3.1	9
101	Age-Related Changes in Expression and Activity of Human Hepatic Mitochondrial Glutathione Transferase Zeta1. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1118-1128.	3.3	9
102	Kinetic and Inhibitor Studies of Acetaminophen and Zidovudine Glucuronidation in Rat Liver Microsomes. <i>Drug and Chemical Toxicology</i> , 1992, 15, 161-175.	2.3	8
103	Sulfation and glucuronidation of benzo[a]pyrene-7,8-dihydrodiol in intestinal mucosa of channel catfish ( <i>Ictalurus punctatus</i> ). <i>Marine Environmental Research</i> , 2000, 50, 11-15.	2.5	8
104	Enzyme Kinetics of PAPS-Sulfotransferase. <i>Methods in Molecular Biology</i> , 2021, 2342, 285-300.	0.9	8
105	Fate of sulfadimethoxine in the lobster, <i>Homarus americanus</i> . <i>Marine Environmental Research</i> , 1988, 24, 85-88.	2.5	7
106	Biological effects of <i>Byrsocarpus coccineus</i> in vitro. <i>Pharmaceutical Biology</i> , 2011, 49, 152-160.	2.9	7
107	Celecoxib influences steroid sulfonation catalyzed by human recombinant sulfotransferase 2A1. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 152, 101-113.	2.5	7
108	Celecoxib affects estrogen sulfonation catalyzed by several human hepatic sulfotransferases, but does not stimulate 17-sulfonation in rat liver. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 172, 46-54.	2.5	7

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109	Sulfonation and glucuronidation of hydroxylated bromodiphenyl ethers in human liver. <i>Chemosphere</i> , 2019, 226, 132-139.	8.2	7
110	Phase II metabolism of betulin by rat and human UDP-glucuronosyltransferases and sulfotransferases. <i>Chemico-Biological Interactions</i> , 2019, 302, 190-195.	4.0	7
111	Regulation of dichloroacetate biotransformation in rat liver and extrahepatic tissues by GSTZ1 expression and chloride concentration. <i>Biochemical Pharmacology</i> , 2018, 152, 236-243.	4.4	6
112	Turning the Tide against Antibiotic Resistance by Evaluating Novel, Halogenated Phenazine, Quinoline, and NH125 Compounds against Ureaplasma Species Clinical Isolates and Mycoplasma Type Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	6
113	Pesticide Metabolism in Aquatic Organisms. <i>Chemistry of Plant Protection</i> , 1994, , 153-189.	0.2	6
114	Triclosan Inhibits the Activity of Expressed Human Sulfotransferases (SULTs) Towards Their Diagnostic Substrates. <i>FASEB Journal</i> , 2015, 29, 622.4.	0.5	6
115	Effects of Multiple Doses of Dichloroacetate on GSTZ1 Expression and Activity in Liver and Extrahepatic Tissues of Young and Adult Rats. <i>Drug Metabolism and Disposition</i> , 2020, 48, 1217-1223.	3.3	5
116	Hepatic and Extrahepatic Metabolism of 14 C-Styrene Oxide. <i>Environmental Health Perspectives</i> , 1976, 17, 135.	6.0	4
117	Pharmacokinetics of 2-naphthol following intrapericardial administration, and formation of 2-naphthyl- beta -glucoside and 2-naphthyl sulphate D in the American lobster, <i>Homarus americanus</i> . <i>Xenobiotica</i> , 1997, 27, 609-626.	1.1	4
118	A Mechanism-Based Pharmacokinetic Enzyme Turnover Model for Dichloroacetic Acid Autoinhibition in Rats. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1396-1404.	3.3	4
119	Mitochondrial Glutathione Transferase Zeta 1 Is Inactivated More Rapidly by Dichloroacetate than the Cytosolic Enzyme in Adult and Juvenile Rat Liver. <i>Chemical Research in Toxicology</i> , 2019, 32, 2042-2052.	3.3	4
120	Characteristics and development of drug metabolism by pulmonary microsomes. <i>Agents and Actions</i> , 1976, 6, 527-530.	0.7	3
121	Preliminary X-ray crystallographic analysis of glutathione transferase zeta 1 (GSTZ1a-1a). <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 187-189.	0.8	3
122	Age-Related Changes in miRNA Expression Influence GSTZ1 and Other Drug Metabolizing Enzymes. <i>Drug Metabolism and Disposition</i> , 2020, 48, 563-569.	3.3	3
123	Hepatic demethylation of methoxy-bromodiphenyl ethers and conjugation of the resulting hydroxy-bromodiphenyl ethers in a marine fish, the red snapper, <i>Lutjanus campechanus</i> , and a freshwater fish, the channel catfish, <i>Ictalurus punctatus</i> . <i>Chemosphere</i> , 2022, 286, 131620.	8.2	3
124	5. Response of the teleost gastrointestinal system to xenobiotics. <i>New Perspectives</i> , 2001, , 283-382.	0.2	3
125	Differential expression of $\Gamma$ -like glutathione S-transferase (GST) isoforms in catfish intestine. <i>Marine Environmental Research</i> , 2000, 50, 353-356.	2.5	2
126	Efficacy data of halogenated phenazine and quinoline agents and an NH125 analogue to veterinary mycoplasmas. <i>BMC Veterinary Research</i> , 2020, 16, 107.	1.9	2



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127	Drug Metabolism: Phase II Enzymes. , 2021, , .		2
128	Pharmacokinetic and Biochemical Profiling of Sodium Dichloroacetate in Pregnant Ewes and Fetuses. Drug Metabolism and Disposition, 2021, 49, 451-458.	3.3	2
129	The effect of ecdysis on DNA of the hepatopancreas and green gland of the Florida spiny lobster ( <i>Panulirus argus</i> ). Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1994, 107, 419-426.	0.2	1
130	The oral bioavailability, pharmacokinetics and biotransformation of 9-hydroxybenzo[a]pyrene in the American lobster, <i>Homarus americanus</i> . Marine Environmental Research, 1998, 46, 505-508.	2.5	1
131	Exposure of Rats to Multiple Oral Doses of Dichloroacetate Results in Upregulation of Hepatic Glutathione Transferases and NAD(P)H Dehydrogenase [Quinone] 1. Drug Metabolism and Disposition, 2020, 48, 1224-1230.	3.3	1
132	Bioavailability and biotransformation of 3,4,3,4-tetrachlorobiphenyl (TCB) in in situ intestinal preparations of uninduced and TCB induced channel catfish. Marine Environmental Research, 2000, 50, 71.	2.5	0
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