

# Lauren M Aleksunes

## List of Publications by Citations

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139  
papers

5,710  
citations

42  
h-index

72  
g-index

150  
ext. papers

6,357  
ext. citations

4.3  
avg, IF

5.92  
L-index

#	Paper	IF	Citations
139	Xenobiotic, bile acid, and cholesterol transporters: function and regulation. <i>Pharmacological Reviews</i> , <b>2010</b> , 62, 1-96	22.5	595
138	Oxidative and electrophilic stress induces multidrug resistance-associated protein transporters via the nuclear factor-E2-related factor-2 transcriptional pathway. <i>Hepatology</i> , <b>2007</b> , 46, 1597-610	11.2	255
137	Emerging role of Nrf2 in protecting against hepatic and gastrointestinal disease. <i>Toxicologic Pathology</i> , <b>2007</b> , 35, 459-73	2.1	222
136	Introducing the "TCDD-inducible AhR-Nrf2 gene battery". <i>Toxicological Sciences</i> , <b>2009</b> , 111, 238-46	4.4	205
135	NF-E2-related factor 2 inhibits lipid accumulation and oxidative stress in mice fed a high-fat diet. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2008</b> , 325, 655-64	4.7	190
134	Coordinated regulation of hepatic phase I and II drug-metabolizing genes and transporters using AhR-, CAR-, PXR-, PPAR $\alpha$ and Nrf2-null mice. <i>Drug Metabolism and Disposition</i> , <b>2012</b> , 40, 1366-79	4	185
133	Antibacterial spectrum of a novel des-fluoro(6) quinolone, BMS-284756. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2000</b> , 44, 3351-6	5.9	155
132	Transcriptional regulation of renal cytoprotective genes by Nrf2 and its potential use as a therapeutic target to mitigate cisplatin-induced nephrotoxicity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2010</b> , 335, 2-12	4.7	138
131	Oleanolic acid activates Nrf2 and protects from acetaminophen hepatotoxicity via Nrf2-dependent and Nrf2-independent processes. <i>Biochemical Pharmacology</i> , <b>2009</b> , 77, 1273-82	6	137
130	Human Ontogeny of Drug Transporters: Review and Recommendations of the Pediatric Transporter Working Group. <i>Clinical Pharmacology and Therapeutics</i> , <b>2015</b> , 98, 266-87	6.1	123
129	Induction of Mrp3 and Mrp4 transporters during acetaminophen hepatotoxicity is dependent on Nrf2. <i>Toxicology and Applied Pharmacology</i> , <b>2008</b> , 226, 74-83	4.6	122
128	Differential expression of mouse hepatic transporter genes in response to acetaminophen and carbon tetrachloride. <i>Toxicological Sciences</i> , <b>2005</b> , 83, 44-52	4.4	105
127	Compensatory induction of liver efflux transporters in response to ANIT-induced liver injury is impaired in FXR-null mice. <i>Toxicological Sciences</i> , <b>2009</b> , 110, 47-60	4.4	90
126	Drug-metabolizing enzyme and transporter expression in a mouse model of diabetes and obesity. <i>Molecular Pharmaceutics</i> , <b>2008</b> , 5, 77-91	5.6	89
125	Nrf2- and PPAR $\alpha$ -mediated regulation of hepatic Mrp transporters after exposure to perfluorooctanoic acid and perfluorodecanoic acid. <i>Toxicological Sciences</i> , <b>2008</b> , 106, 319-28	4.4	86
124	ANIT-induced intrahepatic cholestasis alters hepatobiliary transporter expression via Nrf2-dependent and independent signaling. <i>Toxicological Sciences</i> , <b>2009</b> , 108, 247-57	4.4	85
123	Nuclear factor erythroid 2-related factor 2 deletion impairs glucose tolerance and exacerbates hyperglycemia in type 1 diabetic mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2010</b> , 333, 140-51	4.7	79

122	Inherited disorders of bilirubin clearance. <i>Pediatric Research</i> , <b>2016</b> , 79, 378-86	3.2	78
121	Efflux transporter expression and acetaminophen metabolite excretion are altered in rodent models of nonalcoholic fatty liver disease. <i>Drug Metabolism and Disposition</i> , <b>2007</b> , 35, 1970-8	4	75
120	Fibroblast growth factor 15 deficiency impairs liver regeneration in mice. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 306, G893-902	5.1	74
119	Renal and hepatic transporter expression in type 2 diabetic rats. <i>Drug Metabolism Letters</i> , <b>2008</b> , 2, 11-7	2.1	74
118	Altered disposition of acetaminophen in Nrf2-null and Keap1-knockdown mice. <i>Toxicological Sciences</i> , <b>2009</b> , 109, 31-40	4.4	69
117	Coordinated expression of multidrug resistance-associated proteins (Mrps) in mouse liver during toxicant-induced injury. <i>Toxicological Sciences</i> , <b>2006</b> , 89, 370-9	4.4	69
116	Renal xenobiotic transporters are differentially expressed in mice following cisplatin treatment. <i>Toxicology</i> , <b>2008</b> , 250, 82-8	4.4	67
115	Induction of hepatic transporters multidrug resistance-associated proteins (Mrp) 3 and 4 by clofibrate is regulated by peroxisome proliferator-activated receptor alpha. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 317, 537-45	4.7	64
114	Placental Drug Transport-on-a-Chip: A Microengineered In Vitro Model of Transporter-Mediated Drug Efflux in the Human Placental Barrier. <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, 1700786	10.1	63
113	Xenobiotic transporters and kidney injury. <i>Advanced Drug Delivery Reviews</i> , <b>2017</b> , 116, 73-91	18.5	61
112	Identification of chemical modulators of the constitutive activated receptor (CAR) in a gene expression compendium. <i>Nuclear Receptor Signaling</i> , <b>2015</b> , 13, e002	1	61
111	Induction of hepatobiliary efflux transporters in acetaminophen-induced acute liver failure cases. <i>Drug Metabolism and Disposition</i> , <b>2007</b> , 35, 1963-9	4	61
110	Expression of organic anion transporter 2 in the human kidney and its potential role in the tubular secretion of guanine-containing antiviral drugs. <i>Drug Metabolism and Disposition</i> , <b>2012</b> , 40, 617-24	4	60
109	Acquired resistance to acetaminophen hepatotoxicity is associated with induction of multidrug resistance-associated protein 4 (Mrp4) in proliferating hepatocytes. <i>Toxicological Sciences</i> , <b>2008</b> , 104, 261-73	4.4	59
108	Regulation of transporter expression in mouse liver, kidney, and intestine during extrahepatic cholestasis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2007</b> , 1768, 637-47	3.8	58
107	Characterization of peroxisome proliferator-activated receptor alpha--independent effects of PPARalpha activators in the rodent liver: di-(2-ethylhexyl) phthalate also activates the constitutive-activated receptor. <i>Toxicological Sciences</i> , <b>2010</b> , 113, 45-59	4.4	56
106	Constitutive androstane receptor-mediated changes in bile acid composition contributes to hepatoprotection from lithocholic acid-induced liver injury in mice. <i>Drug Metabolism and Disposition</i> , <b>2009</b> , 37, 1035-45	4	55
105	Coordinated induction of Nrf2 target genes protects against iron nitrilotriacetate (FeNTA)-induced nephrotoxicity. <i>Toxicology and Applied Pharmacology</i> , <b>2008</b> , 231, 364-73	4.6	53

104	Hepatic Mrp4 induction following acetaminophen exposure is dependent on Kupffer cell function. <i>American Journal of Physiology - Renal Physiology</i> , <b>2008</b> , 295, G294-304	5.1	53
103	Up-regulation of NAD(P)H quinone oxidoreductase 1 during human liver injury. <i>World Journal of Gastroenterology</i> , <b>2006</b> , 12, 1937-40	5.6	52
102	Identification of modulators of the nuclear receptor peroxisome proliferator-activated receptor $\alpha$ (PPAR $\alpha$ ) in a mouse liver gene expression compendium. <i>PLoS ONE</i> , <b>2015</b> , 10, e0112655	3.7	49
101	Role of hepatic transporters in prevention of bile acid toxicity after partial hepatectomy in mice. <i>American Journal of Physiology - Renal Physiology</i> , <b>2009</b> , 297, G419-33	5.1	46
100	Role of NAD(P)H:quinone oxidoreductase 1 in clofibrate-mediated hepatoprotection from acetaminophen. <i>Toxicology</i> , <b>2007</b> , 230, 197-206	4.4	45
99	Inflammatory regulation of ATP binding cassette efflux transporter expression and function in microglia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2012</b> , 343, 650-60	4.7	44
98	Nuclear factor-E2-related factor 2 expression in liver is critical for induction of NAD(P)H:quinone oxidoreductase 1 during cholestasis. <i>Cell Stress and Chaperones</i> , <b>2006</b> , 11, 356-63	4	43
97	Prominent expression of xenobiotic efflux transporters in mouse extraembryonic fetal membranes compared with placenta. <i>Drug Metabolism and Disposition</i> , <b>2008</b> , 36, 1960-70	4	42
96	Transcription factor-mediated regulation of carboxylesterase enzymes in livers of mice. <i>Drug Metabolism and Disposition</i> , <b>2012</b> , 40, 1191-7	4	40
95	Screening a mouse liver gene expression compendium identifies modulators of the aryl hydrocarbon receptor (AhR). <i>Toxicology</i> , <b>2015</b> , 336, 99-112	4.4	39
94	Advancing computer-aided drug discovery (CADD) by big data and data-driven machine learning modeling. <i>Drug Discovery Today</i> , <b>2020</b> , 25, 1624-1638	8.8	38
93	Transgenic expression of the human MRP2 transporter reduces cisplatin accumulation and nephrotoxicity in Mrp2-null mice. <i>American Journal of Pathology</i> , <b>2014</b> , 184, 1299-308	5.8	38
92	Correlation between genotype and phenotypic categorization of staphylococci based on methicillin susceptibility and resistance. <i>Journal of Clinical Microbiology</i> , <b>2001</b> , 39, 2961-3	9.7	37
91	Nonanimal Models for Acute Toxicity Evaluations: Applying Data-Driven Profiling and Read-Across. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 47001	8.4	34
90	Bile acids via FXR initiate the expression of major transporters involved in the enterohepatic circulation of bile acids in newborn mice. <i>American Journal of Physiology - Renal Physiology</i> , <b>2012</b> , 302, G979-96	5.1	34
89	The effect of fibroblast growth factor 15 deficiency on the development of high fat diet induced non-alcoholic steatohepatitis. <i>Toxicology and Applied Pharmacology</i> , <b>2017</b> , 330, 1-8	4.6	33
88	Urinary protein biomarkers of kidney injury in patients receiving cisplatin chemotherapy. <i>Experimental Biology and Medicine</i> , <b>2018</b> , 243, 272-282	3.7	31
87	The traditional ayurvedic medicine, <i>Eugenia jambolana</i> (Jamun fruit), decreases liver inflammation, injury and fibrosis during cholestasis. <i>Liver International</i> , <b>2012</b> , 32, 560-73	7.9	30

86	Localization of the placental BCRP/ABCG2 transporter to lipid rafts: Role for cholesterol in mediating efflux activity. <i>Placenta</i> , <b>2017</b> , 55, 29-36	3.4	27
85	Activation of Nrf2 in the liver is associated with stress resistance mediated by suppression of the growth hormone-regulated STAT5b transcription factor. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200004	3.7	26
84	Management of rosiglitazone-induced edema: two case reports and a review of the literature. <i>Diabetes Technology and Therapeutics</i> , <b>2002</b> , 4, 505-14	8.1	25
83	Severe diabetes and leptin resistance cause differential hepatic and renal transporter expression in mice. <i>Comparative Hepatology</i> , <b>2012</b> , 11, 1		24
82	Repression of hepatobiliary transporters and differential regulation of classic and alternative bile acid pathways in mice during pregnancy. <i>Toxicological Sciences</i> , <b>2012</b> , 130, 257-68	4.4	24
81	Nrf2 activators as potential modulators of injury in human kidney cells. <i>Toxicology Reports</i> , <b>2016</b> , 3, 153-159	4.4	24
80	Pharmacogenomic Variants May Influence the Urinary Excretion of Novel Kidney Injury Biomarkers in Patients Receiving Cisplatin. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	23
79	MDR1 transporter protects against paraquat-induced toxicity in human and mouse proximal tubule cells. <i>Toxicological Sciences</i> , <b>2014</b> , 141, 475-83	4.4	23
78	Endocrine and metabolic regulation of renal drug transporters. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2012</b> , 26, 407-21	3.4	23
77	Inhibition of human MDR1 and BCRP transporter ATPase activity by organochlorine and pyrethroid insecticides. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2013</b> , 27, 157-64	3.4	23
76	Profiling of Kidney Injury Biomarkers in Patients Receiving Cisplatin: Time-dependent Changes in the Absence of Clinical Nephrotoxicity. <i>Clinical Pharmacology and Therapeutics</i> , <b>2017</b> , 101, 510-518	6.1	22
75	Genetic and Dietary Regulation of Glyburide Efflux by the Human Placental Breast Cancer Resistance Protein Transporter. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2016</b> , 357, 103-113	4.7	22
74	Down-regulation of the placental BCRP/ABCG2 transporter in response to hypoxia signaling. <i>Placenta</i> , <b>2017</b> , 51, 57-63	3.4	21
73	Environmentally Relevant Concentrations of Arsenite Induce Dose-Dependent Differential Genotoxicity Through Poly(ADP-Ribose) Polymerase Inhibition and Oxidative Stress in Mouse Thymus Cells. <i>Toxicological Sciences</i> , <b>2016</b> , 149, 31-41	4.4	21
72	Screening of Environmental Chemicals Identifies Zearalenone as a Novel Substrate of the Placental BCRP/ Transporter. <i>Toxicology Research</i> , <b>2015</b> , 4, 695-706	2.6	20
71	Regulation of hepatic phase II metabolism in pregnant mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2013</b> , 344, 244-52	4.7	20
70	Analysis of changes in hepatic gene expression in a murine model of tolerance to acetaminophen hepatotoxicity (autoprotection). <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 274, 156-67	4.6	19
69	Establishment of metabolism and transport pathways in the rodent and human fetal liver. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 23801-27	6.3	19

68	Restoration of enterohepatic bile acid pathways in pregnant mice following short term activation of Fxr by GW4064. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 310, 60-67	4.6	18
67	Effects of developmental deltamethrin exposure on white adipose tissue gene expression. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2013</b> , 27, 165-71	3.4	18
66	Application of multivariate statistical procedures to identify transcription factors that correlate with MRP2, 3, and 4 mRNA in adult human livers. <i>Xenobiotica</i> , <b>2009</b> , 39, 514-22	2	18
65	Interaction of Isoflavones with the BCRP/ABCG2 Drug Transporter. <i>Current Drug Metabolism</i> , <b>2015</b> , 16, 124-40	3.5	18
64	Regulation of drug metabolism and toxicity by multiple factors of genetics, epigenetics, lncRNAs, gut microbiota, and diseases: a meeting report of the 21 International Symposium on Microsomes and Drug Oxidations (MDO). <i>Acta Pharmaceutica Sinica B</i> , <b>2017</b> , 7, 241-248	15.5	17
63	Alteration of the expression of pesticide-metabolizing enzymes in pregnant mice: potential role in the increased vulnerability of the developing brain. <i>Drug Metabolism and Disposition</i> , <b>2013</b> , 41, 326-31	4	17
62	Regional expression of the BCRP/ABCG2 transporter in term human placentas. <i>Reproductive Toxicology</i> , <b>2014</b> , 43, 72-77	3.4	16
61	Assessment of drug transporter function using fluorescent cell imaging. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ]</i> , <b>2013</b> , 57, Unit 23.6.	1	16
60	Regulation of the placental BCRP transporter by PPAR gamma. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2017</b> , 31, N/A	3.4	16
59	Nrf2 Regulates the Sensitivity of Mouse Keratinocytes to Nitrogen Mustard via Multidrug Resistance-Associated Protein 1 (Mrp1). <i>Toxicological Sciences</i> , <b>2016</b> , 149, 202-12	4.4	15
58	Influence of acetaminophen vehicle on regulation of transporter gene expression during hepatotoxicity. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2007</b> , 70, 1870-2	3.2	15
57	Interindividual Regulation of the Breast Cancer Resistance Protein/ Transporter in Term Human Placentas. <i>Drug Metabolism and Disposition</i> , <b>2018</b> , 46, 619-627	4	14
56	Down-regulation of brush border efflux transporter expression in the kidneys of pregnant mice. <i>Drug Metabolism and Disposition</i> , <b>2013</b> , 41, 320-5	4	14
55	Bardoxolone methyl modulates efflux transporter and detoxifying enzyme expression in cisplatin-induced kidney cell injury. <i>Toxicology Letters</i> , <b>2016</b> , 259, 52-59	4.4	14
54	Epigenetic Regulation of Multidrug Resistance Protein 1 and Breast Cancer Resistance Protein Transporters by Histone Deacetylase Inhibition. <i>Drug Metabolism and Disposition</i> , <b>2020</b> , 48, 459-480	4	13
53	Hepatic and renal Bcrp transporter expression in mice treated with perfluorooctanoic acid. <i>Toxicology</i> , <b>2013</b> , 306, 108-13	4.4	13
52	Decreased apoptosis during CAR-mediated hepatoprotection against lithocholic acid-induced liver injury in mice. <i>Toxicology Letters</i> , <b>2009</b> , 188, 38-44	4.4	13
51	Increased MDR1 Transporter Expression in Human Brain Endothelial Cells Through Enhanced Histone Acetylation and Activation of Aryl Hydrocarbon Receptor Signaling. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 6986-7002	6.2	12



50	Time-dependent changes in kidney injury biomarkers in patients receiving multiple cycles of cisplatin chemotherapy. <i>Toxicology Reports</i> , <b>2020</b> , 7, 571-576	4.8	12
49	Selective Targeting of Heme Protein in Cytochrome P450 and Nitric Oxide Synthase by Diphenylethylidone. <i>Toxicological Sciences</i> , <b>2016</b> , 151, 150-9	4.4	12
48	Differential Fmo3 gene expression in various liver injury models involving hepatic oxidative stress in mice. <i>Toxicology</i> , <b>2014</b> , 325, 85-95	4.4	12
47	Gender-specific reduction of hepatic Mrp2 expression by high-fat diet protects female mice from ANIT toxicity. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 261, 189-95	4.6	12
46	Developmental regulation of the gut-liver (FGF19-CYP7A1) axis in neonates. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2020</b> , 33, 987-992	2	12
45	Activation of NRF2 Signaling in HEK293 Cells by a First-in-Class Direct KEAP1-NRF2 Inhibitor. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2015</b> , 29, 261-6	3.4	11
44	Pharmacokinetic determinants of cisplatin-induced subclinical kidney injury in oncology patients. <i>European Journal of Clinical Pharmacology</i> , <b>2019</b> , 75, 51-57	2.8	11
43	Anandamide down-regulates placental transporter expression through CB2 receptor-mediated inhibition of cAMP synthesis. <i>Pharmacological Research</i> , <b>2019</b> , 141, 331-342	10.2	11
42	Predictive modeling of estrogen receptor agonism, antagonism, and binding activities using machine- and deep-learning approaches. <i>Laboratory Investigation</i> , <b>2021</b> , 101, 490-502	5.9	11
41	In Vitro Transport Activity and Trafficking of MRP2/ABCC2 Polymorphic Variants. <i>Pharmaceutical Research</i> , <b>2017</b> , 34, 1637-1647	4.5	10
40	Transcription factor-mediated regulation of the BCRP/ efflux transporter: a review across tissues and species. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2020</b> , 16, 239-253	5.5	10
39	Mechanism-Driven Read-Across of Chemical Hepatotoxicants Based on Chemical Structures and Biological Data. <i>Toxicological Sciences</i> , <b>2020</b> , 174, 178-188	4.4	10
38	Pregnancy represses induction of efflux transporters in livers of type I diabetic mice. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 2209-20	4.5	10
37	Renal efflux transporter expression in pregnant mice with Type I diabetes. <i>Toxicology Letters</i> , <b>2012</b> , 211, 304-11	4.4	10
36	Constitutive activation of nuclear factor-E2-related factor 2 induces biotransformation enzyme and transporter expression in livers of mice with hepatocyte-specific deletion of Kelch-like ECH-associated protein 1. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2011</b> , 25, 320-9	3.4	10
35	Placental BCRP/ABCG2 Transporter Prevents Fetal Exposure to the Estrogenic Mycotoxin Zearalenone. <i>Toxicological Sciences</i> , <b>2019</b> , 168, 394-404	4.4	10
34	Identification and Characterization of Efflux Transporters That Modulate the Subtoxic Disposition of Diclofenac and Its Metabolites. <i>Drug Metabolism and Disposition</i> , <b>2019</b> , 47, 1080-1092	4	9
33	Hepatic carboxylesterases are differentially regulated in PPAR $\beta$ null mice treated with perfluorooctanoic acid. <i>Toxicology</i> , <b>2019</b> , 416, 15-22	4.4	9

32	Evaluation of the chromogenic anti-factor IIa assay to assess dabigatran exposure in geriatric patients with atrial fibrillation in an outpatient setting. <i>Thrombosis Journal</i> , <b>2016</b> , 14, 10	5.6	9
31	Efflux Transporters Regulate Arsenite-Induced Genotoxicity in Double Negative and Double Positive T Cells. <i>Toxicological Sciences</i> , <b>2017</b> , 158, 127-139	4.4	8
30	Correlation between Conjugated Bisphenol A Concentrations and Efflux Transporter Expression in Human Fetal Livers. <i>Drug Metabolism and Disposition</i> , <b>2016</b> , 44, 1061-5	4	8
29	Gender divergent expression of Nqo1 in Sprague Dawley and August Copenhagen x Irish rats. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2008</b> , 22, 93-100	3.4	7
28	Regulation of Drug Disposition Gene Expression in Pregnant Mice with Car Receptor Activation. <i>Nuclear Receptor Research</i> , <b>2016</b> , 3,	1.4	6
27	Differential regulation of intestinal efflux transporters by pregnancy in mice. <i>Xenobiotica</i> , <b>2017</b> , 47, 989-997		5
26	Brain region-specific regulation of histone acetylation and efflux transporters in mice. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2019</b> , 33, e22318	3.4	5
25	Isoform-Specific Regulation of Mouse Carboxylesterase Expression and Activity by Prototypical Transcriptional Activators. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2015</b> , 29, 545-51	3.4	5
24	Quinone and nitrofurantoin redox cycling by recombinant cytochrome b5 reductase. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 359, 102-107	4.6	5
23	Modulation of farnesoid X receptor results in post-translational modification of poly (ADP-ribose) polymerase 1 in the liver. <i>Toxicology and Applied Pharmacology</i> , <b>2013</b> , 266, 260-6	4.6	4
22	Extravillous trophoblast migration and invasion: Impact of environmental chemicals and pharmaceuticals. <i>Reproductive Toxicology</i> , <b>2021</b> , 107, 60-68	3.4	4
21	Impact of Fusarium-Derived Mycoestrogens on Female Reproduction: A Systematic Review. <i>Toxins</i> , <b>2021</b> , 13,	4.9	4
20	Revealing Adverse Outcome Pathways from Public High-Throughput Screening Data to Evaluate New Toxicants by a Knowledge-Based Deep Neural Network Approach. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 10875-10887	10.3	4
19	Cefoxitin Plasma and Subcutaneous Adipose Tissue Concentration in Patients Undergoing Sleeve Gastrectomy. <i>Clinical Therapeutics</i> , <b>2016</b> , 38, 204-10	3.5	3
18	Placenta-on-a-Chip: Placental Drug Transport-on-a-Chip: A Microengineered In Vitro Model of Transporter-Mediated Drug Efflux in the Human Placental Barrier (Adv. Healthcare Mater. 2/2018). <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, 1870008	10.1	2
17	Endocrine and Metabolic Regulation of Transporters for Organic Cations <b>2016</b> , 171-185		2
16	Low oxygen tension differentially regulates the expression of placental solute carriers and ABC transporters. <i>FEBS Letters</i> , <b>2021</b> , 595, 811-827	3.8	2
15	Renoprotective Effects of Melatonin against Vancomycin-Related Acute Kidney Injury in Hospitalized Patients: a Retrospective Cohort Study. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , 65, e0046221	5.9	2



14	Optimization of 1,4-bis(arylsulfonamido)naphthalene-N,NSDiacetic acids as inhibitors of Keap1-Nrf2 protein-protein interaction to suppress neuroinflammation. <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 44, 116300	3.4	2
13	Suppression of Bile Acid Synthesis in a Preterm Infant Receiving Prolonged Parenteral Nutrition.. <i>Journal of Clinical and Experimental Hepatology</i> , <b>2022</b> , 12, 200-203	4.1	1
12	BCRP/ Transporter Regulates Accumulation of Cadmium in Kidney Cells: Role of the Q141K Variant in Modulating Nephrotoxicity. <i>Drug Metabolism and Disposition</i> , <b>2021</b> , 49, 629-637	4	1
11	Regulation of renal calbindin expression during cisplatin-induced kidney injury.. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2022</b> , e23068	3.4	0
10	Inhibition of Cyclic Nucleotide Efflux by Placental MRP Transporters Enhances Trophoblast Syncytialization. <i>FASEB Journal</i> , <b>2019</b> , 33, 507.13	0.9	
9	Distilling Research Projects into Graphical Abstracts: Interactive Training During a Summer Research Fellowship. <i>FASEB Journal</i> , <b>2019</b> , 33, 497.8	0.9	
8	Self-assessment of research competencies during a summer undergraduate research fellowship in pharmacology and toxicology (1058.3). <i>FASEB Journal</i> , <b>2014</b> , 28, 1058.3	0.9	
7	Technical and knowledge-based outcomes following a one-week high school research program in toxicology and environmental health sciences (1058.1). <i>FASEB Journal</i> , <b>2014</b> , 28, 1058.1	0.9	
6	Genistein Reduces Glyburide Efflux by the Human Placental BCRP Transporter: Transcriptional Regulation and Direct Inhibition. <i>FASEB Journal</i> , <b>2015</b> , 29, 939.7	0.9	
5	Renal drug transporter expression in pregnant mice with type 1 diabetes. <i>FASEB Journal</i> , <b>2012</b> , 26, 1047.4.9	0.9	
4	Reduced ABC efflux transporter function in activated microglia: Implications in neurodegeneration. <i>FASEB Journal</i> , <b>2012</b> , 26, 398.3	0.9	
3	PFOA-mediated regulation of Bcrp transporter expression and function. <i>FASEB Journal</i> , <b>2012</b> , 26, 1047.6.9	0.9	
2	Fetal Exosomal Platelet-activating Factor Triggers Functional Progesterone Withdrawal in Human Placenta. <i>Reproductive Sciences</i> , <b>2021</b> , 28, 252-262	3	
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