

Abby C Collier

List of Publications by Year in descending order

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65
papers

1,507
citations

304368

22
h-index

344852

36
g-index

65
all docs

65
docs citations

65
times ranked

2073
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolizing enzyme localization and activities in the first trimester human placenta: the effect of maternal and gestational age, smoking and alcohol consumption. <i>Human Reproduction</i> , 2002, 17, 2564-2572.	0.4	98
2	UDP-glucuronosyltransferase activity, expression and cellular localization in human placenta at term. <i>Biochemical Pharmacology</i> , 2002, 63, 409-419.	2.0	98
3	Pharmaceutical Contaminants in Potable Water: Potential Concerns for Pregnant Women and Children. <i>EcoHealth</i> , 2007, 4, 164-171.	0.9	80
4	Pediatric Development of Glucuronidation: The Ontogeny of Hepatic UGT1A4. <i>Drug Metabolism and Disposition</i> , 2007, 35, 1587-1592.	1.7	79
5	The Development of UDP-Glucuronosyltransferases 1A1 and 1A6 in the Pediatric Liver. <i>Drug Metabolism and Disposition</i> , 2011, 39, 912-919.	1.7	74
6	The mitochondrial uncoupler dicumarol disrupts the MTT assay. <i>Biochemical Pharmacology</i> , 2003, 66, 281-287.	2.0	70
7	Polymorphisms in the NQO1, GSTT and GSTM genes are associated with coronary heart disease and biomarkers of oxidative stress. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 93-100.	0.9	56
8	Assisted reproduction technologies impair placental steroid metabolism. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 116, 21-28.	1.2	55
9	Mitomycin C Inhibits Ribosomal RNA. <i>Journal of Biological Chemistry</i> , 2010, 285, 19068-19075.	1.6	53
10	The effect of bamboo extract on hepatic biotransforming enzymes – Findings from an obese diabetic mouse model. <i>Journal of Ethnopharmacology</i> , 2011, 133, 37-45.	2.0	53
11	Neonatal Development of Hepatic UGT1A9: Implications of Pediatric Pharmacokinetics. <i>Drug Metabolism and Disposition</i> , 2012, 40, 1321-1327.	1.7	45
12	Screening Pregnant Women and Their Neonates for Illicit Drug Use: Consideration of the Integrated Technical, Medical, Ethical, Legal, and Social Issues. <i>Frontiers in Pharmacology</i> , 2018, 9, 961.	1.6	41
13	<i>SCN1A</i> variants from bench to bedside – improved clinical prediction from functional characterization. <i>Human Mutation</i> , 2020, 41, 363-374.	1.1	37
14	3- ² -Azido-3-deoxythymidine (AZT) induces apoptosis and alters metabolic enzyme activity in human placenta. <i>Toxicology and Applied Pharmacology</i> , 2003, 192, 164-173.	1.3	35
15	HUMAN PLACENTAL GLUCURONIDATION AND TRANSPORT OF 3- ² AZIDO-3- ² -DEOXYTHYMIDINE AND URIDINE DIPHOSPHATE GLUCURONIC ACID. <i>Drug Metabolism and Disposition</i> , 2004, 32, 813-820.	1.7	35
16	The Ontogeny of UDP-glucuronosyltransferase Enzymes, Recommendations for Future Profiling Studies and Application Through Physiologically Based Pharmacokinetic Modelling. <i>Clinical Pharmacokinetics</i> , 2019, 58, 189-211.	1.6	29
17	Conotoxin truncation as a post-translational modification to increase the pharmacological diversity within the milked venom of <i>Conus magus</i> . <i>Toxicon</i> , 2013, 70, 170-178.	0.8	27
18	A 21st-century approach to age-old problems: the ascension of biologics in clinical therapeutics. <i>Drug Discovery Today</i> , 2014, 19, 1109-1113.	3.2	27

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19	Characterization of the Ontogeny of Hepatic UDP-Glucuronosyltransferase Enzymes Based on Glucuronidation Activity Measured in Human Liver Microsomes. <i>Journal of Clinical Pharmacology</i> , 2019, 59, S42-S55.	1.0	26
20	Paliperidone Palmitate Long-Acting Injectable Given Intramuscularly in the Deltoid Versus the Gluteal Muscle. <i>Journal of Clinical Psychopharmacology</i> , 2015, 35, 447-449.	0.7	25
21	Optimization of Experimental Conditions of Automated Glucuronidation Assays in Human Liver Microsomes Using a Cocktail Approach and Ultra-High Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Drug Metabolism and Disposition</i> , 2019, 47, 124-134.	1.7	25
22	The inhibitory effect of bamboo extract on the development of 7,12-dimethylbenz[a]anthracene (DMBA)-induced breast cancer. <i>Phytotherapy Research</i> , 2008, 22, 1440-1445.	2.8	24
23	Open letter to the European commission: scientifically unfounded precaution drives European commission's recommendations on EDC regulation, while defying common sense, well-established science, and risk assessment principles. <i>Archives of Toxicology</i> , 2013, 87, 1739-1741.	1.9	24
24	Assisted reproduction technologies alter steroid delivery to the mouse fetus during pregnancy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 126, 26-34.	1.2	23
25	Differences in DNA-damage in non-smoking men and women exposed to environmental tobacco smoke (ETS). <i>Toxicology Letters</i> , 2005, 158, 10-19.	0.4	21
26	Developmental Changes in Hepatic Antioxidant Capacity Are Age-and Sex-Dependent. <i>Journal of Pharmacological Sciences</i> , 2009, 111, 440-445.	1.1	19
27	BCRP protein levels do not differ regionally in adult human livers, but decline in the elderly. <i>Chemico-Biological Interactions</i> , 2015, 242, 203-210.	1.7	19
28	Scientifically unfounded precaution drives European Commission's recommendations on EDC regulation, while defying common sense, well-established science and risk assessment principles. <i>Toxicology in Vitro</i> , 2013, 27, 2110-2114.	1.1	18
29	Blastomere Removal from Cleavage-Stage Mouse Embryos Alters Steroid Metabolism During Pregnancy. <i>Biology of Reproduction</i> , 2012, 87, 4, 1-9.	1.2	16
30	Differential toxic effects of Carbofuran and Diazinon on time of flight in pigeons (<i>Columba livia</i>): Potential for pesticide effects on migration. <i>Toxicology and Applied Pharmacology</i> , 2007, 219, 241-246.	1.3	15
31	Posttranscriptional regulation of uridine diphosphate glucuronosyltransferases. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 949-965.	1.5	15
32	Validation of murine and human placental explant cultures for use in sex steroid and phase II conjugation toxicology studies. <i>Toxicology in Vitro</i> , 2015, 29, 103-112.	1.1	15
33	The Pharmacokinetics of Second-Generation Long-Acting Injectable Antipsychotics: Limitations of Monograph Values. <i>CNS Drugs</i> , 2015, 29, 975-983.	2.7	14
34	Molecular reproductive characteristics of the reef coral <i>Pocillopora damicornis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 189, 38-44.	0.8	14
35	The Ontogeny and Population Variability of Human Hepatic NADPH Dehydrogenase Quinone Oxido-Reductase 1 (NQO1). <i>Drug Metabolism and Disposition</i> , 2016, 44, 967-974.	1.7	12
36	Regression and Genomic Analyses on the Association Between Dose-Normalized Mycophenolic Acid Exposure and Absolute Neutrophil Count in Steroid-Free, De Novo Kidney Transplant Recipients. <i>Clinical Drug Investigation</i> , 2018, 38, 1011-1022.	1.1	12

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37	Analgesics in Pregnancy: An Update on Use, Safety and Pharmacokinetic Changes in Drug Disposition. <i>Current Pharmaceutical Design</i> , 2018, 23, 6098-6114.	0.9	12
38	Environmental tobacco smoke in the workplace: markers of exposure, polymorphic enzymes and implications for disease state. <i>Chemico-Biological Interactions</i> , 2003, 146, 211-224.	1.7	11
39	Homology Modeling of Human Uridine-5- α -diphosphate-glucuronosyltransferase 1A6 Reveals Insights into Factors Influencing Substrate and Cosubstrate Binding. <i>ACS Omega</i> , 2020, 5, 6872-6887.	1.6	11
40	Placental profiling of UGT1A enzyme expression and activity and interactions with preeclampsia at term. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2015, 40, 471-480.	0.6	10
41	Editorial. <i>Regulatory Toxicology and Pharmacology</i> , 2013, 67, 317-320.	1.3	9
42	Single blastomere removal from murine embryos is associated with activation of matrix metalloproteinases and Janus kinase/signal transducers and activators of transcription pathways of placental inflammation. <i>Molecular Human Reproduction</i> , 2014, 20, 1247-1257.	1.3	9
43	Lobular Distribution and Variability in Hepatic ATP Binding Cassette Protein B1 (ABCB1, P-gp): Ontogenetic Differences and Potential for Toxicity. <i>Pharmaceutics</i> , 2017, 9, 8.	2.0	9
44	Dysregulation of inflammatory cytokines and inhibition of VEGFA in the human umbilical cord are associated with negative pregnancy outcomes. <i>Placenta</i> , 2019, 87, 16-22.	0.7	9
45	Scientifically unfounded precaution drives European Commission's recommendations on EDC regulation, while defying common sense, well-established science and risk assessment principles. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2013, 30, 381-385.	0.9	9
46	The effects of UDP-sugars, UDP and Mg ²⁺ on uridine diphosphate glucuronosyltransferase activity in human liver microsomes. <i>Xenobiotica</i> , 2018, 48, 882-890.	0.5	8
47	ATP-binding cassette proteins BCRP, MRP1 and P-gp expression and localization in the human umbilical cord. <i>Xenobiotica</i> , 2016, 46, 548-556.	0.5	7
48	Characterization of Hepatic UDP-Glucuronosyltransferase Enzyme Abundance-Activity Correlations and Population Variability Using a Proteomics Approach and Comparison with Cytochrome P450 Enzymes. <i>Drug Metabolism and Disposition</i> , 2021, 49, 760-769.	1.7	7
49	Editorial. <i>Food and Chemical Toxicology</i> , 2013, 62, A1-A4.	1.8	6
50	UDP-Glucuronosyltransferase 1a Enzymes Are Present and Active in the Mouse Blastocyst. <i>Drug Metabolism and Disposition</i> , 2014, 42, 1921-1925.	1.7	6
51	Regulation of Hepatic UGT2B15 by Methylation in Adults of Asian Descent. <i>Pharmaceutics</i> , 2018, 10, 6.	2.0	6
52	Parameterization of Microsomal and Cytosolic Scaling Factors: Methodological and Biological Considerations for Scalar Derivation and Validation. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2021, 46, 173-183.	0.6	6
53	TCDD as a biological response modifier for Mitomycin C: Oxygen tension affects enzyme activation, reactive oxygen species and cell death. <i>Life Sciences</i> , 2006, 78, 1499-1507.	2.0	5
54	Depression, Anxiety, and Pharmacotherapy Around the Time of Pregnancy in Hawaii. <i>International Journal of Behavioral Medicine</i> , 2016, 23, 515-526.	0.8	5

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55	Detection of opioids in umbilical cord lysates: an antibody-based rapid screening approach. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 35-42.	1.3	5
56	The ontogeny and population variability of human hepatic dihydronicotinamide riboside:quinone oxidoreductase (NQO2). <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, e21921.	1.4	4
57	Coexpression of Human Hepatic Uridine Diphosphate Glucuronosyltransferase Proteins: Implications for Ontogenetic Mechanisms and Isoform Coregulation. <i>Journal of Clinical Pharmacology</i> , 2020, 60, 722-733.	1.0	4
58	Chronic Exposure to 4-Nonylphenol Alters UDP-Glycosyltransferase and Sulfotransferase Clearance of Steroids in the Hard Coral, <i>Pocillopora damicornis</i> . <i>Frontiers in Physiology</i> , 2021, 12, 608056.	1.3	4
59	Obstetric Obesity is Associated with Neonatal Hyperbilirubinemia with High Prevalence in Native Hawaiians and Pacific Island Women. <i>Hawai'i Journal of Medicine & Public Health: A Journal of Asia Pacific Medicine & Public Health</i> , 2016, 75, 373-378.	0.4	4
60	Umbilical cord as an analytical matrix – A technical note. <i>Placenta</i> , 2020, 90, 42-44.	0.7	3
61	Detection and quantitation of non-steroidal anti-inflammatory drug use close to the time of birth using umbilical cord tissue. <i>Toxicology Reports</i> , 2020, 7, 1311-1318.	1.6	3
62	The Effects of Obesity on Drug Metabolism in Children. <i>Drug Metabolism Letters</i> , 2015, 9, 88-98.	0.5	2
63	Protective placental inflammatory and oxidative stress responses are attenuated in the context of twin pregnancy and chorioamnionitis in assisted reproduction. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 227-238.	1.2	2
64	The role of pharmacology in medical teaching. <i>Hawaii Medical Journal</i> , 2007, 66, 135-6.	0.4	2
65	Editorial (Thematic Issue: Recent Advances in Developmental Drug Disposition). <i>Drug Metabolism Letters</i> , 2015, 9, 64-64.	0.5	0