

Michael D Aleo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7922718/publications.pdf>

Version: 2024-02-01

27
papers

1,633
citations

567281

15
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

2033
citing authors

#	ARTICLE	IF	CITATIONS
1	An in vitro coculture system of human peripheral blood mononuclear cells with hepatocellular carcinoma-derived cells for predicting drug-induced liver injury. <i>Archives of Toxicology</i> , 2021, 95, 149-168.	4.2	14
2	Hepatotoxicity reports in the FDA adverse event reporting system database: A comparison of drugs that cause injury via mitochondrial or other mechanisms. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3857-3868.	12.0	19
3	Moving beyond Binary Predictions of Human Drug-Induced Liver Injury (DILI) toward Contrasting Relative Risk Potential. <i>Chemical Research in Toxicology</i> , 2020, 33, 223-238.	3.3	49
4	A Novel Lipidomics-Based Approach to Evaluating the Risk of Clinical Hepatotoxicity Potential of Drugs in 3D Human Microtissues. <i>Chemical Research in Toxicology</i> , 2020, 33, 258-270.	3.3	10
5	Most Influential Physicochemical and In Vitro Assay Descriptors for Hepatotoxicity and Nephrotoxicity Prediction. <i>Chemical Research in Toxicology</i> , 2020, 33, 1780-1790.	3.3	3
6	Liver safety evaluation of endothelin receptor antagonists using HepatoPac [®] : A single model impact assessment on hepatocellular health, function and bile acid disposition. <i>Journal of Applied Toxicology</i> , 2019, 39, 1192-1207.	2.8	8
7	Lens cholesterol biosynthesis inhibition: A common mechanism of cataract formation in laboratory animals by pharmaceutical products. <i>Journal of Applied Toxicology</i> , 2019, 39, 1348-1361.	2.8	5
8	Phase I study of PF-04895162, a Kv7 channel opener, reveals unexpected hepatotoxicity in healthy subjects, but not rats or monkeys: clinical evidence of disrupted bile acid homeostasis. <i>Pharmacology Research and Perspectives</i> , 2019, 7, e00467.	2.4	7
9	Quantitative systems toxicology (QST) reproduces species differences in PF-04895162 liver safety due to combined mitochondrial and bile acid toxicity. <i>Pharmacology Research and Perspectives</i> , 2019, 7, e00523.	2.4	12
10	Evaluation of in Vitro Mitochondrial Toxicity Assays and Physicochemical Properties for Prediction of Organ Toxicity Using 228 Pharmaceutical Drugs. <i>Chemical Research in Toxicology</i> , 2019, 32, 156-167.	3.3	61
11	Interpretation, Integration, and Implementation of In Vitro Assay Data: The Predictive Toxicity Challenge. <i>Methods in Pharmacology and Toxicology</i> , 2018, , 345-364.	0.2	2
12	Principles of precision medicine and its application in toxicology. <i>Journal of Toxicological Sciences</i> , 2018, 43, 565-577.	1.5	15
13	Evaluating the Role of Multidrug Resistance Protein 3 (MDR3) Inhibition in Predicting Drug-Induced Liver Injury Using 125 Pharmaceuticals. <i>Chemical Research in Toxicology</i> , 2017, 30, 1219-1229.	3.3	32
14	Inhibition of Hepatobiliary Transport Activity by the Antibacterial Agent Fusidic Acid: Insights into Factors Contributing to Conjugated Hyperbilirubinemia/Cholestasis. <i>Chemical Research in Toxicology</i> , 2016, 29, 1778-1788.	3.3	10
15	Setting Clinical Exposure Levels of Concern for Drug-Induced Liver Injury (DILI) Using Mechanistic in vitro Assays. <i>Toxicological Sciences</i> , 2015, 147, 500-514.	3.1	104
16	Human drug-induced liver injury severity is highly associated with dual inhibition of liver mitochondrial function and bile salt export pump. <i>Hepatology</i> , 2014, 60, 1015-1022.	7.3	188
17	Toxicity assessments of nonsteroidal anti-inflammatory drugs in isolated mitochondria, rat hepatocytes, and zebrafish show good concordance across chemical classes. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 272-280.	2.8	44
18	Improving the Odds of Success in Drug Discovery: Choosing the Best Compounds for in Vivo Toxicology Studies. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9771-9779.	6.4	41

#	ARTICLE	IF	CITATIONS
19	Use of Micropatterned Cocultures to Detect Compounds That Cause Drug-Induced Liver Injury in Humans. <i>Toxicological Sciences</i> , 2013, 132, 107-117.	3.1	180
20	1,2-Naphthoquinone Stimulates Lipid Peroxidation and Cholesterol Domain Formation in Model Membranes. , 2013, 54, 7189.		11
21	Comparisons between <i>in vitro</i> whole cell imaging and <i>in vivo</i> zebrafish-based approaches for identifying potential human hepatotoxicants earlier in pharmaceutical development. <i>Drug Metabolism Reviews</i> , 2012, 44, 127-140.	3.6	93
22	Structural Alert/Reactive Metabolite Concept as Applied in Medicinal Chemistry to Mitigate the Risk of Idiosyncratic Drug Toxicity: A Perspective Based on the Critical Examination of Trends in the Top 200 Drugs Marketed in the United States. <i>Chemical Research in Toxicology</i> , 2011, 24, 1345-1410.	3.3	569
23	Using an <i>in vitro</i> cytotoxicity assay to aid in compound selection for <i>in vivo</i> safety studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5308-5312.	2.2	61
24	Predicting safety toleration of pharmaceutical chemical leads: Cytotoxicity correlations to exploratory toxicity studies. <i>Toxicology Letters</i> , 2010, 197, 175-182.	0.8	51
25	A current practice for predicting ocular toxicity of systemically delivered drugs. <i>Cutaneous and Ocular Toxicology</i> , 2009, 28, 1-18.	1.3	22
26	An underlying role for hepatobiliary dysfunction in cyclosporine A nephrotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2008, 230, 126-134.	2.8	7
27	Mechanistic Analysis of S-(1,2-Dichlorovinyl)-L-cysteine-Induced Cataractogenesis <i>In Vitro</i> . <i>Toxicology and Applied Pharmacology</i> , 1997, 146, 144-155.	2.8	12