

Fred B Lih

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,848
citations

236925

25
h-index

302126

39
g-index

39
all docs

39
docs citations

39
times ranked

3095
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal exposure to consumer product chemicals and changes in plasma oxylipins in pregnant women. <i>Environment International</i> , 2021, 157, 106787.	10.0	12
2	Serum Buprenorphine Concentrations and Behavioral Activity in Mice After a Single Subcutaneous Injection of Simbadol, Buprenorphine SR-LAB, or Standard Buprenorphine. <i>Journal of the American Association for Laboratory Animal Science</i> , 2021, 60, 661-666.	1.2	7
3	Murine Neonatal Oxidant Lung Injury: NRF2-Dependent Predisposition to Adulthood Respiratory Viral Infection and Protection by Maternal Antioxidant. <i>Antioxidants</i> , 2021, 10, 1874.	5.1	5
4	Profiling the eicosanoid networks that underlie the anti- and pro-thrombotic effects of aspirin. <i>FASEB Journal</i> , 2020, 34, 10027-10040.	0.5	10
5	Longitudinal profiles of plasma eicosanoids during pregnancy and size for gestational age at delivery: A nested case-control study. <i>PLoS Medicine</i> , 2020, 17, e1003271.	8.4	15
6	Vascular Lipidomic Profiling of Potential Endogenous Fatty Acid PPAR Ligands Reveals the Coronary Artery as Major Producer of CYP450-Derived Epoxy Fatty Acids. <i>Cells</i> , 2020, 9, 1096.	4.1	10
7	Bacteria Boost Mammalian Host NAD Metabolism by Engaging the Deamidated Biosynthesis Pathway. <i>Cell Metabolism</i> , 2020, 31, 564-579.e7.	16.2	130
8	Expression of <i>Cyp2c/Cyp2j</i> subfamily members and oxylipin levels during LPS-induced inflammation and resolution in mice. <i>FASEB Journal</i> , 2019, 33, 14784-14797.	0.5	10
9	Sinus Surgery Is Associated with a Decrease in Aspirin-Induced Reaction Severity in Patients with Aspirin Exacerbated Respiratory Disease. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 1580-1588.	3.8	58
10	Cholestenic acid is a prognostic biomarker in acute respiratory distress syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 440-442.e8.	2.9	4
11	Sulforaphane enriched transcriptome of lung mitochondrial energy metabolism and provided pulmonary injury protection via Nrf2 in mice. <i>Toxicology and Applied Pharmacology</i> , 2019, 364, 29-44.	2.8	35
12	Prediagnostic Serum Levels of Fatty Acid Metabolites and Risk of Ovarian Cancer in the Prostate, Lung, Colorectal, and Ovarian (PLCO) Cancer Screening Trial. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 189-197.	2.5	33
13	Epoxide hydrolase 1 (EPHX1) hydrolyzes epoxyeicosanoids and impairs cardiac recovery after ischemia. <i>Journal of Biological Chemistry</i> , 2018, 293, 3281-3292.	3.4	59
14	Elevated plasma 8-iso-prostaglandin F ₂ ± levels in human smokers originate primarily from enzymatic instead of non-enzymatic lipid peroxidation. <i>Free Radical Biology and Medicine</i> , 2018, 115, 105-112.	2.9	12
15	An obesity-associated gut microbiome reprograms the intestinal epigenome and leads to altered colonic gene expression. <i>Genome Biology</i> , 2018, 19, 7.	8.8	117
16	Deficiency of Soluble Epoxide Hydrolase Protects Cardiac Function Impaired by LPS-Induced Acute Inflammation. <i>Frontiers in Pharmacology</i> , 2018, 9, 1572.	3.5	25
17	Long-chain acyl-CoA synthetase isoforms differ in preferences for eicosanoid species and long-chain fatty acids. <i>Journal of Lipid Research</i> , 2017, 58, 884-894.	4.2	70
18	Plasma 15-Hydroxyeicosatetraenoic Acid Predicts Treatment Outcomes in Aspirin-Exacerbated Respiratory Disease. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 998-1007.e2.	3.8	32

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19	Lipopolysaccharide Potentiates Insulin-Driven Hypoglycemic Shock. <i>Journal of Immunology</i> , 2017, 199, 3634-3643.	0.8	24
20	Generation and characterization of epoxide hydrolase 3 (EPHX3)-deficient mice. <i>PLoS ONE</i> , 2017, 12, e0175348.	2.5	13
21	CYP450-derived oxylipins mediate inflammatory resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3240-9.	7.1	107
22	Cytochrome P450 Oxidase 2C Inhibition Adds to ω -3 Long-Chain Polyunsaturated Fatty Acids Protection Against Retinal and Choroidal Neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1919-1927.	2.4	38
23	Fenofibrate Inhibits Cytochrome P450 Epoxygenase 2C Activity to Suppress Pathological Ocular Angiogenesis. <i>EBioMedicine</i> , 2016, 13, 201-211.	6.1	44
24	Characterization of the Cytochrome P450 epoxyeicosanoid pathway in non-alcoholic steatohepatitis. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 125, 19-29.	1.9	22
25	Cytochrome P450-derived epoxyeicosatrienoic acids and coronary artery disease in humans: a targeted metabolomics study. <i>Journal of Lipid Research</i> , 2016, 57, 109-119.	4.2	50
26	Reinterpreting the best biomarker of oxidative stress: The 8-iso-prostaglandin F ₂ /prostaglandin F ₂ ratio shows complex origins of lipid peroxidation biomarkers in animal models. <i>Free Radical Biology and Medicine</i> , 2016, 95, 65-73.	2.9	56
27	Contribution of alveolar type II cell-derived cyclooxygenase-2 to basal airway function, lung inflammation, and lung fibrosis. <i>FASEB Journal</i> , 2016, 30, 160-173.	0.5	27
28	Intimal smooth muscle cells are a source but not a sensor of anti-inflammatory CYP450 derived oxylipins. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 774-780.	2.1	10
29	Reinterpreting the best biomarker of oxidative stress: The 8-iso-PGF ₂ /PGF ₂ ratio distinguishes chemical from enzymatic lipid peroxidation. <i>Free Radical Biology and Medicine</i> , 2015, 83, 245-251.	2.9	88
30	Oviductal estrogen receptor α signaling prevents protease-mediated embryo death. <i>ELife</i> , 2015, 4, e10453.	6.0	67
31	The Cytochrome P450 Epoxygenase Pathway Regulates the Hepatic Inflammatory Response in Fatty Liver Disease. <i>PLoS ONE</i> , 2014, 9, e110162.	2.5	79
32	Functional characterization of cytochrome P450-derived epoxyeicosatrienoic acids in adipogenesis and obesity. <i>Journal of Lipid Research</i> , 2014, 55, 2124-2136.	4.2	67
33	Retinoid acid-related orphan receptor β , ROR β , participates in diurnal transcriptional regulation of lipid metabolic genes. <i>Nucleic Acids Research</i> , 2014, 42, 10448-10459.	14.5	43
34	Vascular characterization of mice with endothelial expression of cytochrome P450 4F2. <i>FASEB Journal</i> , 2014, 28, 2915-2931.	0.5	33
35	Basal and inducible anti-inflammatory epoxygenase activity in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 633-637.	2.1	39
36	Cytochrome P450-derived eicosanoids and vascular dysfunction in coronary artery disease patients. <i>Atherosclerosis</i> , 2013, 227, 442-448.	0.8	57

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37	Endothelial CYP epoxygenase overexpression and soluble epoxide hydrolase disruption attenuate acute vascular inflammatory responses in mice. FASEB Journal, 2011, 25, 703-713.	0.5	113
38	Endothelial expression of human cytochrome P450 epoxygenase CYP2C8 increases susceptibility to ischemiaâ€reperfusion injury in isolated mouse heart. FASEB Journal, 2011, 25, 3436-3447.	0.5	101
39	Endothelial expression of human cytochrome P450 epoxygenases lowers blood pressure and attenuates hypertensionâ€induced renal injury in mice. FASEB Journal, 2010, 24, 3770-3781.	0.5	126