

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

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302126

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times ranked

3095
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Bacteria Boost Mammalian Host NAD Metabolism by Engaging the Deamidated Biosynthesis Pathway. <i>Cell Metabolism</i> , 2020, 31, 564-579.e7. | 16.2 | 130 |
| 2 | Endothelial expression of human cytochrome P450 epoxygenases lowers blood pressure and attenuates hypertension-induced renal injury in mice. <i>FASEB Journal</i> , 2010, 24, 3770-3781. | 0.5 | 126 |
| 3 | 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 |
| 4 | Endothelial CYP epoxygenase overexpression and soluble epoxide hydrolase disruption attenuate acute vascular inflammatory responses in mice. <i>FASEB Journal</i> , 2011, 25, 703-713. | 0.5 | 113 |
| 5 | 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 |
| 6 | Endothelial expression of human cytochrome P450 epoxygenase CYP2C8 increases susceptibility to ischemia-reperfusion injury in isolated mouse heart. <i>FASEB Journal</i> , 2011, 25, 3436-3447. | 0.5 | 101 |
| 7 | 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 |
| 8 | The Cytochrome P450 Epoxygenase Pathway Regulates the Hepatic Inflammatory Response in Fatty Liver Disease. <i>PLoS ONE</i> , 2014, 9, e110162. | 2.5 | 79 |
| 9 | 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 |
| 10 | 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 |
| 11 | Oviductal estrogen receptor ± signaling prevents protease-mediated embryo death. <i>ELife</i> , 2015, 4, e10453. | 6.0 | 67 |
| 12 | 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 |
| 13 | 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 |
| 14 | Cytochrome P450-derived eicosanoids and vascular dysfunction in coronary artery disease patients. <i>Atherosclerosis</i> , 2013, 227, 442-448. | 0.8 | 57 |
| 15 | 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 |
| 16 | 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 |
| 17 | Fenofibrate Inhibits Cytochrome P450 Epoxygenase 2C Activity to Suppress Pathological Ocular Angiogenesis. <i>EBioMedicine</i> , 2016, 13, 201-211. | 6.1 | 44 |
| 18 | Retinoid acid-related orphan receptor ±, ROR±, participates in diurnal transcriptional regulation of lipid metabolic genes. <i>Nucleic Acids Research</i> , 2014, 42, 10448-10459. | 14.5 | 43 |

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|----|--|------|-----------|
| 19 | Basal and inducible anti-inflammatory epoxygenase activity in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 633-637. | 2.1 | 39 |
| 20 | 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 |
| 21 | 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 |
| 22 | Vascular characterization of mice with endothelial expression of cytochrome P450 4F2. <i>FASEB Journal</i> , 2014, 28, 2915-2931. | 0.5 | 33 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | Lipopolysaccharide Potentiates Insulin-Driven Hypoglycemic Shock. <i>Journal of Immunology</i> , 2017, 199, 3634-3643. | 0.8 | 24 |
| 28 | 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 |
| 29 | 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 |
| 30 | Generation and characterization of epoxide hydrolase 3 (EPHX3)-deficient mice. <i>PLoS ONE</i> , 2017, 12, e0175348. | 2.5 | 13 |
| 31 | 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 |
| 32 | Longitudinal exposure to consumer product chemicals and changes in plasma oxylipins in pregnant women. <i>Environment International</i> , 2021, 157, 106787. | 10.0 | 12 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |