

Darryl C Zeldin

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3395212/darryl-c-zeldin-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

374
papers

23,032
citations

82
h-index

135
g-index

432
ext. papers

25,230
ext. citations

5.7
avg, IF

6.56
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 374 | Anti-inflammatory properties of cytochrome P450 epoxygenase-derived eicosanoids. <i>Science</i> , 1999 , 285, 1276-9 | 33.3 | 976 |
| 373 | Comparison of cytochrome P450 (CYP) genes from the mouse and human genomes, including nomenclature recommendations for genes, pseudogenes and alternative-splice variants. <i>Pharmacogenetics and Genomics</i> , 2004 , 14, 1-18 | | 765 |
| 372 | The human intestinal cytochrome P450 "pie". <i>Drug Metabolism and Disposition</i> , 2006 , 34, 880-6 | 4 | 666 |
| 371 | Epoxygenase pathways of arachidonic acid metabolism. <i>Journal of Biological Chemistry</i> , 2001 , 276, 36059-62 | 5.4 | 512 |
| 370 | Prevalences of positive skin test responses to 10 common allergens in the US population: results from the third National Health and Nutrition Examination Survey. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 116, 377-83 | 11.5 | 503 |
| 369 | Polymorphisms in human CYP2C8 decrease metabolism of the anticancer drug paclitaxel and arachidonic acid. <i>Pharmacogenetics and Genomics</i> , 2001 , 11, 597-607 | | 400 |
| 368 | Soluble epoxide hydrolase regulates hydrolysis of vasoactive epoxyeicosatrienoic acids. <i>Circulation Research</i> , 2000 , 87, 992-8 | 15.7 | 396 |
| 367 | Molecular cloning and expression of CYP2J2, a human cytochrome P450 arachidonic acid epoxygenase highly expressed in heart. <i>Journal of Biological Chemistry</i> , 1996 , 271, 3460-8 | 5.4 | 376 |
| 366 | National prevalence and risk factors for food allergy and relationship to asthma: results from the National Health and Nutrition Examination Survey 2005-2006. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 798-806.e13 | 11.5 | 356 |
| 365 | Endotoxin exposure is a risk factor for asthma: the national survey of endotoxin in United States housing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 1371-7 | 10.2 | 269 |
| 364 | The prevalence of lead-based paint hazards in U.S. housing. <i>Environmental Health Perspectives</i> , 2002 , 110, A599-606 | 8.4 | 265 |
| 363 | It's all about sex: gender, lung development and lung disease. <i>Trends in Endocrinology and Metabolism</i> , 2007 , 18, 308-13 | 8.8 | 260 |
| 362 | Overexpression of cytochrome P450 CYP2J2 protects against hypoxia-reoxygenation injury in cultured bovine aortic endothelial cells. <i>Molecular Pharmacology</i> , 2001 , 60, 310-20 | 4.3 | 246 |
| 361 | Prevalence and sociodemographic correlates of antinuclear antibodies in the United States. <i>Arthritis and Rheumatism</i> , 2012 , 64, 2319-27 | | 241 |
| 360 | Enhanced postischemic functional recovery in CYP2J2 transgenic hearts involves mitochondrial ATP-sensitive K ⁺ channels and p42/p44 MAPK pathway. <i>Circulation Research</i> , 2004 , 95, 506-14 | 15.7 | 231 |
| 359 | Cytochrome P450 2J2 promotes the neoplastic phenotype of carcinoma cells and is up-regulated in human tumors. <i>Cancer Research</i> , 2005 , 65, 4707-15 | 10.1 | 229 |
| 358 | Pulmonary applications and toxicity of engineered nanoparticles. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008 , 295, L400-11 | 5.8 | 214 |

| | | | |
|-----|---|------|-----|
| 357 | Prevalence of allergic sensitization in the United States: results from the National Health and Nutrition Examination Survey (NHANES) 2005-2006. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 350-9 | 11.5 | 209 |
| 356 | Epoxyeicosanoids stimulate multiorgan metastasis and tumor dormancy escape in mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 178-91 | 15.9 | 208 |
| 355 | Risk of coronary artery disease associated with polymorphism of the cytochrome P450 epoxygenase CYP2J2. <i>Circulation</i> , 2004 , 110, 2132-6 | 16.7 | 201 |
| 354 | Activation of Galpha s mediates induction of tissue-type plasminogen activator gene transcription by epoxyeicosatrienoic acids. <i>Journal of Biological Chemistry</i> , 2001 , 276, 15983-9 | 5.4 | 191 |
| 353 | Oxidation of benzo[a]pyrene by recombinant human cytochrome P450 enzymes. <i>Chemical Research in Toxicology</i> , 1995 , 8, 136-42 | 4 | 187 |
| 352 | Cytochrome p450 epoxygenase promotes human cancer metastasis. <i>Cancer Research</i> , 2007 , 67, 6665-74 | 10.1 | 178 |
| 351 | Molecular cloning, expression, and functional significance of a cytochrome P450 highly expressed in rat heart myocytes. <i>Journal of Biological Chemistry</i> , 1997 , 272, 12551-9 | 5.4 | 177 |
| 350 | Exposure to <i>Alternaria alternata</i> in US homes is associated with asthma symptoms. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 118, 892-8 | 11.5 | 170 |
| 349 | Asthma cases attributable to atopy: results from the Third National Health and Nutrition Examination Survey. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 1139-45 | 11.5 | 167 |
| 348 | Arachidonic acid epoxygenase metabolites stimulate endothelial cell growth and angiogenesis via mitogen-activated protein kinase and phosphatidylinositol 3-kinase/Akt signaling pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 314, 522-32 | 4.7 | 166 |
| 347 | Allergic lung responses are increased in prostaglandin H synthase-deficient mice. <i>Journal of Clinical Investigation</i> , 1999 , 104, 721-32 | 15.9 | 164 |
| 346 | Role of soluble epoxide hydrolase in postischemic recovery of heart contractile function. <i>Circulation Research</i> , 2006 , 99, 442-50 | 15.7 | 161 |
| 345 | Allergy-related outcomes in relation to serum IgE: results from the National Health and Nutrition Examination Survey 2005-2006. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 1226-35.e7 | 11.5 | 154 |
| 344 | Genetic variation in soluble epoxide hydrolase (EPHX2) and risk of coronary heart disease: The Atherosclerosis Risk in Communities (ARIC) study. <i>Human Molecular Genetics</i> , 2006 , 15, 1640-9 | 5.6 | 152 |
| 343 | The impact of sex and sex hormones on lung physiology and disease: lessons from animal studies. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 293, L272-8 | 5.8 | 149 |
| 342 | Epoxyeicosatrienoic and dihydroxyeicosatrienoic acids dilate human coronary arterioles via BK(Ca) channels: implications for soluble epoxide hydrolase inhibition. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 290, H491-9 | 5.2 | 147 |
| 341 | Gender differences in murine airway responsiveness and lipopolysaccharide-induced inflammation. <i>Journal of Immunology</i> , 2006 , 177, 621-30 | 5.3 | 145 |
| 340 | Cytochrome P450 pathways of arachidonic acid metabolism. <i>Current Opinion in Lipidology</i> , 2002 , 13, 273-83 | 4.3 | 144 |

| | | | |
|-----|--|------|-----|
| 339 | Exposure to multiple indoor allergens in US homes and its relationship to asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 121, 678-684.e2 | 11.5 | 143 |
| 338 | Inhibition of vascular smooth muscle cell migration by cytochrome p450 epoxygenase-derived eicosanoids. <i>Circulation Research</i> , 2002 , 90, 1020-7 | 15.7 | 143 |
| 337 | Molecular cloning, expression and characterization of an endogenous human cytochrome P450 arachidonic acid epoxygenase isoform. <i>Archives of Biochemistry and Biophysics</i> , 1995 , 322, 76-86 | 4.1 | 143 |
| 336 | Association of childhood obesity with atopic and nonatopic asthma: results from the National Health and Nutrition Examination Survey 1999-2006. <i>Journal of Asthma</i> , 2010 , 47, 822-9 | 1.9 | 138 |
| 335 | Polymorphisms in human soluble epoxide hydrolase. <i>Molecular Pharmacology</i> , 2003 , 64, 482-90 | 4.3 | 134 |
| 334 | Dog allergen (Can f 1) and cat allergen (Fel d 1) in US homes: results from the National Survey of Lead and Allergens in Housing. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 114, 111-7 | 11.5 | 133 |
| 333 | Inhibition of cardiac L-type calcium channels by epoxyeicosatrienoic acids. <i>Molecular Pharmacology</i> , 1999 , 55, 288-95 | 4.3 | 133 |
| 332 | Biochemical characterization of the human liver cytochrome P450 arachidonic acid epoxygenase pathway. <i>Archives of Biochemistry and Biophysics</i> , 1996 , 330, 87-96 | 4.1 | 131 |
| 331 | Total IgE levels and asthma prevalence in the US population: results from the National Health and Nutrition Examination Survey 2005-2006. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 447-53 | 11.5 | 130 |
| 330 | Association of obesity with IgE levels and allergy symptoms in children and adolescents: results from the National Health and Nutrition Examination Survey 2005-2006. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 123, 1163-9, 1169.e1-4 | 11.5 | 128 |
| 329 | Detection of human CYP2C8, CYP2C9, and CYP2J2 in cardiovascular tissues. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 682-8 | 4 | 126 |
| 328 | Metabolism of epoxyeicosatrienoic acids by cytosolic epoxide hydrolase: substrate structural determinants of asymmetric catalysis. <i>Archives of Biochemistry and Biophysics</i> , 1995 , 316, 443-51 | 4.1 | 118 |
| 327 | Cloning of CYP2J2 gene and identification of functional polymorphisms. <i>Molecular Pharmacology</i> , 2002 , 61, 840-52 | 4.3 | 117 |
| 326 | Endothelial expression of human cytochrome P450 epoxygenases lowers blood pressure and attenuates hypertension-induced renal injury in mice. <i>FASEB Journal</i> , 2010 , 24, 3770-81 | 0.9 | 116 |
| 325 | CYP2J subfamily cytochrome P450s in the gastrointestinal tract: expression, localization, and potential functional significance. <i>Molecular Pharmacology</i> , 1997 , 51, 931-43 | 4.3 | 116 |
| 324 | Role of epoxyeicosatrienoic acids in protecting the myocardium following ischemia/reperfusion injury. <i>Prostaglandins and Other Lipid Mediators</i> , 2007 , 82, 50-9 | 3.7 | 108 |
| 323 | Housing interventions and control of asthma-related indoor biologic agents: a review of the evidence. <i>Journal of Public Health Management and Practice</i> , 2010 , 16, S11-20 | 1.9 | 107 |
| 322 | Epoxyeicosanoids promote organ and tissue regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13528-33 | 11.5 | 102 |

| | | | |
|-----|---|------|-----|
| 321 | House dust mite allergen in US beds: results from the First National Survey of Lead and Allergens in Housing. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 408-14 | 11.5 | 101 |
| 320 | Endothelial CYP epoxygenase overexpression and soluble epoxide hydrolase disruption attenuate acute vascular inflammatory responses in mice. <i>FASEB Journal</i> , 2011 , 25, 703-13 | 0.9 | 100 |
| 319 | Spontaneous airway hyperresponsiveness in estrogen receptor-alpha-deficient mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 126-35 | 10.2 | 98 |
| 318 | Cloning and expression of murine CYP2Cs and their ability to metabolize arachidonic acid. <i>Archives of Biochemistry and Biophysics</i> , 1998 , 357, 45-57 | 4.1 | 98 |
| 317 | Midazolam metabolism in cytochrome P450 3A knockout mice can be attributed to up-regulated CYP2C enzymes. <i>Molecular Pharmacology</i> , 2008 , 73, 1029-36 | 4.3 | 97 |
| 316 | Susceptibility of cyclooxygenase-2-deficient mice to pulmonary fibrogenesis. <i>American Journal of Pathology</i> , 2002 , 161, 459-70 | 5.8 | 97 |
| 315 | Cytochrome P-450 epoxygenases protect endothelial cells from apoptosis induced by tumor necrosis factor-alpha via MAPK and PI3K/Akt signaling pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H142-51 | 5.2 | 95 |
| 314 | P450 subfamily CYP2J and their role in the bioactivation of arachidonic acid in extrahepatic tissues. <i>Drug Metabolism Reviews</i> , 1999 , 31, 205-34 | 7 | 94 |
| 313 | Indoor allergens in school and day care environments. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 185-92, 192.e1-9; quiz 193-4 | 11.5 | 93 |
| 312 | Decreased renal cytochrome P450 2C enzymes and impaired vasodilation are associated with angiotensin salt-sensitive hypertension. <i>Hypertension</i> , 2003 , 41, 709-14 | 8.5 | 92 |
| 311 | The Toll-like receptor 5 ligand flagellin promotes asthma by priming allergic responses to indoor allergens. <i>Nature Medicine</i> , 2012 , 18, 1705-10 | 50.5 | 91 |
| 310 | Predictors of endotoxin levels in U.S. housing. <i>Environmental Health Perspectives</i> , 2009 , 117, 763-71 | 8.4 | 91 |
| 309 | The rabbit pulmonary cytochrome P450 arachidonic acid metabolic pathway: characterization and significance. <i>Journal of Clinical Investigation</i> , 1995 , 95, 2150-60 | 15.9 | 91 |
| 308 | Endothelial expression of human cytochrome P450 epoxygenase CYP2C8 increases susceptibility to ischemia-reperfusion injury in isolated mouse heart. <i>FASEB Journal</i> , 2011 , 25, 3436-47 | 0.9 | 90 |
| 307 | EET signaling in cancer. <i>Cancer and Metastasis Reviews</i> , 2011 , 30, 525-40 | 9.6 | 89 |
| 306 | Increased CYP2J3 expression reduces insulin resistance in fructose-treated rats and db/db mice. <i>Diabetes</i> , 2010 , 59, 997-1005 | 0.9 | 88 |
| 305 | Hydrogen peroxide inhibits cytochrome p450 epoxygenases: interaction between two endothelium-derived hyperpolarizing factors. <i>Circulation Research</i> , 2008 , 102, 59-67 | 15.7 | 88 |
| 304 | Phthalate exposure and allergy in the U.S. population: results from NHANES 2005-2006. <i>Environmental Health Perspectives</i> , 2013 , 121, 1129-34 | 8.4 | 87 |

| | | | |
|-----|--|------|----|
| 303 | Selective inhibitors of CYP2J2 related to terfenadine exhibit strong activity against human cancers in vitro and in vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 329, 908-18 | 4.7 | 87 |
| 302 | National prevalence and exposure risk for cockroach allergen in U.S. households. <i>Environmental Health Perspectives</i> , 2006 , 114, 522-6 | 8.4 | 87 |
| 301 | Breast-feeding and the prevalence of asthma and wheeze in children: analyses from the Third National Health and Nutrition Examination Survey, 1988-1994. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 328-36 | 11.5 | 87 |
| 300 | Epoxyeicosatrienoic acid agonist regulates human mesenchymal stem cell-derived adipocytes through activation of HO-1-pAKT signaling and a decrease in PPAR α . <i>Stem Cells and Development</i> , 2010 , 19, 1863-73 | 4.4 | 86 |
| 299 | Contrasting effects of cyclooxygenase-1 (COX-1) and COX-2 deficiency on the host response to influenza A viral infection. <i>Journal of Immunology</i> , 2005 , 175, 6878-84 | 5.3 | 86 |
| 298 | Cyclooxygenase-1 and -2 knockout mice demonstrate increased cardiac ischemia/reperfusion injury but are protected by acute preconditioning. <i>Circulation</i> , 2001 , 104, 2453-8 | 16.7 | 86 |
| 297 | Vascular actions of 20-HETE. <i>Prostaglandins and Other Lipid Mediators</i> , 2015 , 120, 9-16 | 3.7 | 85 |
| 296 | Single nucleotide polymorphisms in the CYP2J2 and CYP2C8 genes and the risk of hypertension. <i>Pharmacogenetics and Genomics</i> , 2005 , 15, 7-13 | 1.9 | 85 |
| 295 | Endotoxin Exposure: Predictors and Prevalence of Associated Asthma Outcomes in the United States. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 1287-97 | 10.2 | 84 |
| 294 | Epoxyeicosatrienoic acids enhance embryonic haematopoiesis and adult marrow engraftment. <i>Nature</i> , 2015 , 523, 468-71 | 50.4 | 82 |
| 293 | The soluble epoxide hydrolase gene harbors sequence variation associated with susceptibility to and protection from incident ischemic stroke. <i>Human Molecular Genetics</i> , 2005 , 14, 2829-37 | 5.6 | 82 |
| 292 | Up-regulation of endothelial nitric-oxide synthase by endothelium-derived hyperpolarizing factor involves mitogen-activated protein kinase and protein kinase C signaling pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 307, 753-64 | 4.7 | 81 |
| 291 | Graded phenotypic response to partial and complete deficiency of a brain-specific transcript variant of the winged helix transcription factor RFX4. <i>Development (Cambridge)</i> , 2003 , 130, 4539-52 | 6.6 | 80 |
| 290 | Abatement of cockroach allergen (Bla g 1) in low-income, urban housing: A randomized controlled trial. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 112, 339-45 | 11.5 | 80 |
| 289 | Cytochrome P450 2J2 is highly expressed in hematologic malignant diseases and promotes tumor cell growth. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 336, 344-55 | 4.7 | 78 |
| 288 | Predominant expression of an arachidonate epoxygenase in islets of Langerhans cells in human and rat pancreas. <i>Endocrinology</i> , 1997 , 138, 1338-46 | 4.8 | 78 |
| 287 | 20-HETE Signals Through G-Protein-Coupled Receptor GPR75 (G) to Affect Vascular Function and Trigger Hypertension. <i>Circulation Research</i> , 2017 , 120, 1776-1788 | 15.7 | 77 |
| 286 | Evaluation of cytochrome P450-derived eicosanoids in humans with stable atherosclerotic cardiovascular disease. <i>Atherosclerosis</i> , 2012 , 222, 530-6 | 3.1 | 77 |

| | | | |
|-----|--|------|----|
| 285 | First National Survey of Lead and Allergens in Housing: survey design and methods for the allergen and endotoxin components. <i>Environmental Health Perspectives</i> , 2002 , 110, 527-32 | 8.4 | 77 |
| 284 | Molecular cloning, enzymatic characterization, developmental expression, and cellular localization of a mouse cytochrome P450 highly expressed in kidney. <i>Journal of Biological Chemistry</i> , 1999 , 274, 17777-88 | 5.4 | 77 |
| 283 | CYP4F enzymes are the major enzymes in human liver microsomes that catalyze the O-demethylation of the antiparasitic prodrug DB289 [2,5-bis(4-amidinophenyl)furan-bis-O-methylamidoxime]. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 1985-94 | 4 | 75 |
| 282 | The lung HETEs (and EETs) up. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 280, H1-H10 | 5.2 | 75 |
| 281 | 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 | 11.5 | 75 |
| 280 | Overexpression of CYP2J2 provides protection against doxorubicin-induced cardiotoxicity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H37-46 | 5.2 | 74 |
| 279 | CYP2J2 and CYP2C8 polymorphisms and coronary heart disease risk: the Atherosclerosis Risk in Communities (ARIC) study. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 349-58 | 1.9 | 74 |
| 278 | National prevalence and exposure risk for mouse allergen in US households. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 113, 1167-71 | 11.5 | 73 |
| 277 | Metabolic reprogramming through fatty acid transport protein 1 (FATP1) regulates macrophage inflammatory potential and adipose inflammation. <i>Molecular Metabolism</i> , 2016 , 5, 506-526 | 8.8 | 72 |
| 276 | Consortium-based science: the NIEHS® multipronged, collaborative approach to assessing the health effects of bisphenol A. <i>Environmental Health Perspectives</i> , 2012 , 120, 1640-4 | 8.4 | 72 |
| 275 | Epoxyeicosatrienoic acids attenuate reactive oxygen species level, mitochondrial dysfunction, caspase activation, and apoptosis in carcinoma cells treated with arsenic trioxide. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 339, 451-63 | 4.7 | 71 |
| 274 | Male sex hormones exacerbate lung function impairment after bleomycin-induced pulmonary fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 39, 45-52 | 5.7 | 71 |
| 273 | Airway inflammation and responsiveness in prostaglandin H synthase-deficient mice exposed to bacterial lipopolysaccharide. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001 , 25, 457-65 | 5.7 | 70 |
| 272 | CYP2J2-derived epoxyeicosatrienoic acids suppress endoplasmic reticulum stress in heart failure. <i>Molecular Pharmacology</i> , 2014 , 85, 105-15 | 4.3 | 69 |
| 271 | Cyclooxygenase polymorphisms and risk of cardiovascular events: the Atherosclerosis Risk in Communities (ARIC) study. <i>Clinical Pharmacology and Therapeutics</i> , 2008 , 83, 52-60 | 6.1 | 69 |
| 270 | Abatement of cockroach allergens (Bla g 1 and Bla g 2) in low-income, urban housing: month 12 continuation results. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 113, 109-14 | 11.5 | 69 |
| 269 | Cytochrome P450 CYP2J9, a new mouse arachidonic acid omega-1 hydroxylase predominantly expressed in brain. <i>Journal of Biological Chemistry</i> , 2001 , 276, 25467-79 | 5.4 | 69 |
| 268 | Epoxyeicosanoids as mediators of neurogenic vasodilation in cerebral vessels. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H1352-63 | 5.2 | 68 |

| | | | |
|-----|---|------|----|
| 267 | Analysis of the cytotoxic properties of linoleic acid metabolites produced by renal and hepatic P450s. <i>Toxicology and Applied Pharmacology</i> , 2000 , 168, 268-79 | 4.6 | 68 |
| 266 | Epoxyeicosatrienoic acids constrict isolated pressurized rabbit pulmonary arteries. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000 , 278, L335-43 | 5.8 | 68 |
| 265 | Optimized inhibitors of soluble epoxide hydrolase improve in vitro target residence time and in vivo efficacy. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 7016-30 | 8.3 | 67 |
| 264 | CYP2C44, a new murine CYP2C that metabolizes arachidonic acid to unique stereospecific products. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 310, 845-54 | 4.7 | 65 |
| 263 | Cockroach allergen reduction by cockroach control alone in low-income urban homes: a randomized control trial. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 849-55 | 11.5 | 64 |
| 262 | Dustborne <i>Alternaria alternata</i> antigens in US homes: results from the National Survey of Lead and Allergens in Housing. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 116, 623-9 | 11.5 | 64 |
| 261 | Endogenous epoxygenases are modulators of monocyte/macrophage activity. <i>PLoS ONE</i> , 2011 , 6, e26591 | 3.7 | 62 |
| 260 | Prostaglandin E ₂ protects murine lungs from bleomycin-induced pulmonary fibrosis and lung dysfunction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011 , 301, L645-55 | 5.8 | 61 |
| 259 | Cardiac and vascular KATP channels in rats are activated by endogenous epoxyeicosatrienoic acids through different mechanisms. <i>Journal of Physiology</i> , 2006 , 575, 627-44 | 3.9 | 61 |
| 258 | Cloning, expression, and characterization of three new mouse cytochrome p450 enzymes and partial characterization of their fatty acid oxidation activities. <i>Molecular Pharmacology</i> , 2004 , 65, 1148-58 | 4.3 | 61 |
| 257 | Increased endothelial nitric-oxide synthase expression reduces hypertension and hyperinsulinemia in fructose-treated rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 328, 610-20 | 4.7 | 58 |
| 256 | Genetic variation in cytochrome P450 2J2 and soluble epoxide hydrolase and risk of ischemic stroke in a Chinese population. <i>Pharmacogenetics and Genomics</i> , 2008 , 18, 45-51 | 1.9 | 58 |
| 255 | Cyclooxygenase enzymes in allergic inflammation and asthma. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2003 , 69, 157-62 | 2.8 | 58 |
| 254 | The cytochrome P450 epoxygenase pathway regulates the hepatic inflammatory response in fatty liver disease. <i>PLoS ONE</i> , 2014 , 9, e110162 | 3.7 | 57 |
| 253 | NIAID, NIEHS, NHLBI, and MCAN Workshop Report: The indoor environment and childhood asthma-implications for home environmental intervention in asthma prevention and management. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 933-949 | 11.5 | 56 |
| 252 | Functional characterization of cytochrome P450-derived epoxyeicosatrienoic acids in adipogenesis and obesity. <i>Journal of Lipid Research</i> , 2014 , 55, 2124-36 | 6.3 | 56 |
| 251 | CYP2J2 targeting to endothelial cells attenuates adiposity and vascular dysfunction in mice fed a high-fat diet by reprogramming adipocyte phenotype. <i>Hypertension</i> , 2014 , 64, 1352-61 | 8.5 | 56 |
| 250 | Accentuated T helper type 2 airway response after allergen challenge in cyclooxygenase-1 ^{-/-} but not cyclooxygenase-2 ^{-/-} mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 167, 1509-15 | 10.2 | 55 |

| | | | |
|-----|--|------|----|
| 249 | Cytochrome P450-derived eicosanoids and vascular dysfunction in coronary artery disease patients. <i>Atherosclerosis</i> , 2013 , 227, 442-8 | 3.1 | 54 |
| 248 | Pharmacologic inhibition of COX-1 and COX-2 in influenza A viral infection in mice. <i>PLoS ONE</i> , 2010 , 5, e11610 | 3.7 | 54 |
| 247 | Clinician Agreement, Self-Efficacy, and Adherence with the Guidelines for the Diagnosis and Management of Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018 , 6, 886-894.e4 | 5.4 | 53 |
| 246 | Increased blood pressure in mice lacking cytochrome P450 2J5. <i>FASEB Journal</i> , 2008 , 22, 4096-108 | 0.9 | 52 |
| 245 | Gene therapy with human tissue kallikrein reduces hypertension and hyperinsulinemia in fructose-induced hypertensive rats. <i>Hypertension</i> , 2003 , 42, 1026-33 | 8.5 | 52 |
| 244 | EH3 (ABHD9): the first member of a new epoxide hydrolase family with high activity for fatty acid epoxides. <i>Journal of Lipid Research</i> , 2012 , 53, 2038-2045 | 6.3 | 51 |
| 243 | Increasing Prevalence of Antinuclear Antibodies in the United States. <i>Arthritis and Rheumatology</i> , 2020 , 72, 1026-1035 | 9.5 | 50 |
| 242 | Enhancement of cardiac L-type Ca ²⁺ currents in transgenic mice with cardiac-specific overexpression of CYP2J2. <i>Molecular Pharmacology</i> , 2004 , 66, 1607-16 | 4.3 | 50 |
| 241 | Epoxyeicosatrienoic acids regulate macrophage polarization and prevent LPS-induced cardiac dysfunction. <i>Journal of Cellular Physiology</i> , 2015 , 230, 2108-19 | 7 | 49 |
| 240 | Sensitization and Exposure to Pets: The Effect on Asthma Morbidity in the US Population. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018 , 6, 101-107.e2 | 5.4 | 49 |
| 239 | Unusual regioselectivity and active site topology of human cytochrome P450 2J2. <i>Biochemistry</i> , 2007 , 46, 10237-47 | 3.2 | 49 |
| 238 | Immunochemical detection of cytochrome P450 enzymes in liver microsomes of 27 cynomolgus monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 339, 654-61 | 4.7 | 48 |
| 237 | Novel relationship of serum cholesterol with asthma and wheeze in the United States. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 967-74.e1-15 | 11.5 | 48 |
| 236 | Exposure to indoor allergens in day-care facilities: results from 2 North Carolina counties. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 116, 133-9 | 11.5 | 48 |
| 235 | Identification, functional characterization, and regulation of a new cytochrome P450 subfamily, the CYP2Ns. <i>Journal of Biological Chemistry</i> , 2000 , 275, 2312-21 | 5.4 | 48 |
| 234 | Respiratory disease in United States farmers. <i>Occupational and Environmental Medicine</i> , 2014 , 71, 484-912.1 | | 47 |
| 233 | The epoxygenases CYP2J2 activates the nuclear receptor PPARalpha in vitro and in vivo. <i>PLoS ONE</i> , 2009 , 4, e7421 | 3.7 | 47 |
| 232 | Cyclooxygenase-2 regulates Th17 cell differentiation during allergic lung inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 37-49 | 10.2 | 47 |

| | | | |
|-----|---|-----|----|
| 231 | How exposures to biologics influence the induction and incidence of asthma. <i>Environmental Health Perspectives</i> , 2006 , 114, 620-6 | 8.4 | 46 |
| 230 | Human enteric microsomal CYP4F enzymes O-demethylate the antiparasitic prodrug pafuramidine. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 2067-75 | 4 | 46 |
| 229 | CYP2J2 attenuates metabolic dysfunction in diabetic mice by reducing hepatic inflammation via the PPAR α . <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E270-82 | 6 | 45 |
| 228 | Hormonal influences on lung function and response to environmental agents: lessons from animal models of respiratory disease. <i>Proceedings of the American Thoracic Society</i> , 2009 , 6, 588-95 | | 45 |
| 227 | Genetic variation in soluble epoxide hydrolase (EPHX2) is associated with forearm vasodilator responses in humans. <i>Hypertension</i> , 2011 , 57, 116-22 | 8.5 | 45 |
| 226 | Tissue kallikrein reverses insulin resistance and attenuates nephropathy in diabetic rats by activation of phosphatidylinositol 3-kinase/protein kinase B and adenosine 5' monophosphate-activated protein kinase signaling pathways. <i>Endocrinology</i> , 2007 , 148, 2016-26 | 4.8 | 45 |
| 225 | Selective, competitive and mechanism-based inhibitors of human cytochrome P450 2J2. <i>Archives of Biochemistry and Biophysics</i> , 2007 , 464, 155-68 | 4.1 | 44 |
| 224 | Diminished acyl-CoA synthetase isoform 4 activity in INS 832/13 cells reduces cellular epoxyeicosatrienoic acid levels and results in impaired glucose-stimulated insulin secretion. <i>Journal of Biological Chemistry</i> , 2013 , 288, 21618-29 | 5.4 | 43 |
| 223 | Cardiac-specific overexpression of CYP2J2 attenuates diabetic cardiomyopathy in male streptozotocin-induced diabetic mice. <i>Endocrinology</i> , 2013 , 154, 2843-56 | 4.8 | 43 |
| 222 | Epoxyeicosatrienoic acids protect rat hearts against tumor necrosis factor- β -induced injury. <i>Journal of Lipid Research</i> , 2012 , 53, 456-466 | 6.3 | 43 |
| 221 | Variability of CYP2J2 expression in human fetal tissues. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 319, 523-32 | 4.7 | 43 |
| 220 | Adeno-associated virus-mediated human C-reactive protein gene delivery causes endothelial dysfunction and hypertension in rats. <i>Clinical Chemistry</i> , 2009 , 55, 274-84 | 5.5 | 42 |
| 219 | Identification and functional characterization of polymorphisms in human cyclooxygenase-1 (PTGS1). <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 145-60 | 1.9 | 42 |
| 218 | Cytochrome P450-derived epoxyeicosatrienoic acids and coronary artery disease in humans: a targeted metabolomics study. <i>Journal of Lipid Research</i> , 2016 , 57, 109-19 | 6.3 | 41 |
| 217 | NAG-1/GDF15 transgenic mouse has less white adipose tissue and a reduced inflammatory response. <i>Mediators of Inflammation</i> , 2013 , 2013, 641851 | 4.3 | 41 |
| 216 | Cytochrome P450 2C8 β -long-chain polyunsaturated fatty acid metabolites increase mouse retinal pathologic neovascularization--brief report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 581-6 | 9.4 | 40 |
| 215 | Overexpression of cytochrome P450 epoxygenases prevents development of hypertension in spontaneously hypertensive rats by enhancing atrial natriuretic peptide. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 334, 784-94 | 4.7 | 40 |
| 214 | Cytochrome P450 (CYP) 2J2 gene transfection attenuates MMP-9 via inhibition of NF-kappa beta in hyperhomocysteinemia. <i>Journal of Cellular Physiology</i> , 2008 , 215, 771-81 | 7 | 40 |

| | | | |
|-----|--|------|----|
| 213 | CYP2J2 overexpression protects against arrhythmia susceptibility in cardiac hypertrophy. <i>PLoS ONE</i> , 2013 , 8, e73490 | 3.7 | 40 |
| 212 | Cardiomyocyte-specific expression of CYP2J2 prevents development of cardiac remodelling induced by angiotensin II. <i>Cardiovascular Research</i> , 2015 , 105, 304-17 | 9.9 | 39 |
| 211 | Design and synthesis of selective, high-affinity inhibitors of human cytochrome P450 2J2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 2777-80 | 2.9 | 39 |
| 210 | Role of CYP epoxygenases in A2A AR-mediated relaxation using A2A AR-null and wild-type mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 295, H2068-78 | 5.2 | 38 |
| 209 | Male sex hormones promote vagally mediated reflex airway responsiveness to cholinergic stimulation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 292, L908-14 | 5.8 | 37 |
| 208 | Changes in Food-Specific IgE Over Time in the National Health and Nutrition Examination Survey (NHANES). <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2016 , 4, 713-20 | 5.4 | 37 |
| 207 | Epoxide hydrolase 1 (EPHX1) hydrolyzes epoxyeicosanoids and impairs cardiac recovery after ischemia. <i>Journal of Biological Chemistry</i> , 2018 , 293, 3281-3292 | 5.4 | 36 |
| 206 | Roles of the epoxygenase CYP2J2 in the endothelium. <i>Prostaglandins and Other Lipid Mediators</i> , 2013 , 107, 56-63 | 3.7 | 36 |
| 205 | Role of B-type natriuretic peptide in epoxyeicosatrienoic acid-mediated improved post-ischaemic recovery of heart contractile function. <i>Cardiovascular Research</i> , 2009 , 83, 362-70 | 9.9 | 36 |
| 204 | Genetic disruption of soluble epoxide hydrolase is protective against streptozotocin-induced diabetic nephropathy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 303, E563-75 | 6 | 36 |
| 203 | Polymorphisms in the transcription factor NRF2 and forearm vasodilator responses in humans. <i>Pharmacogenetics and Genomics</i> , 2012 , 22, 620-8 | 1.9 | 36 |
| 202 | Association of common variants of CYP4A11 and CYP4F2 with stroke in the Han Chinese population. <i>Pharmacogenetics and Genomics</i> , 2010 , 20, 187-94 | 1.9 | 36 |
| 201 | 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 | 5.4 | 35 |
| 200 | Aspirin inhibits the production of proangiogenic 15(S)-HETE by platelet cyclooxygenase-1. <i>FASEB Journal</i> , 2016 , 30, 4256-4266 | 0.9 | 35 |
| 199 | Questionnaire predictors of atopy in a US population sample: findings from the National Health and Nutrition Examination Survey, 2005-2006. <i>American Journal of Epidemiology</i> , 2011 , 173, 544-52 | 3.8 | 35 |
| 198 | Protective actions of epoxyeicosatrienoic acid: dual targeting of cardiovascular PI3K and KATP channels. <i>Journal of Molecular and Cellular Cardiology</i> , 2009 , 46, 978-88 | 5.8 | 35 |
| 197 | Basal and inducible anti-inflammatory epoxygenase activity in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 446, 633-7 | 3.4 | 34 |
| 196 | Cyclooxygenase-2 inhibits T helper cell type 9 differentiation during allergic lung inflammation via down-regulation of IL-17RB. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 812-22 | 10.2 | 34 |

| | | | |
|-----|---|------|----|
| 195 | Cytochrome P450 2J2 is protective against global cerebral ischemia in transgenic mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2012 , 99, 68-78 | 3.7 | 34 |
| 194 | Regulation of T helper cell subsets by cyclooxygenases and their metabolites. <i>Prostaglandins and Other Lipid Mediators</i> , 2013 , 104-105, 74-83 | 3.7 | 34 |
| 193 | CYP2J2 overexpression attenuates nonalcoholic fatty liver disease induced by high-fat diet in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E97-E110 | 6 | 33 |
| 192 | Resolvin Infectious Inflammation by Targeting the Host Response. <i>New England Journal of Medicine</i> , 2015 , 373, 2183-5 | 59.2 | 33 |
| 191 | Salt-sensitive hypertension after exposure to angiotensin is associated with inability to upregulate renal epoxygenases. <i>Hypertension</i> , 2003 , 42, 775-80 | 8.5 | 33 |
| 190 | Characteristics of allergic sensitization among asthmatic adults older than 55 years: results from the National Health and Nutrition Examination Survey, 2005-2006. <i>Annals of Allergy, Asthma and Immunology</i> , 2013 , 110, 247-52 | 3.2 | 32 |
| 189 | Tristetraprolin (TTP) coordinately regulates primary and secondary cellular responses to proinflammatory stimuli. <i>Journal of Leukocyte Biology</i> , 2015 , 97, 723-36 | 6.5 | 32 |
| 188 | Cyclooxygenase-2 deficiency exacerbates bleomycin-induced lung dysfunction but not fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007 , 37, 300-8 | 5.7 | 32 |
| 187 | Fenofibrate Inhibits Cytochrome P450 Epoxygenase 2C Activity to Suppress Pathological Ocular Angiogenesis. <i>EBioMedicine</i> , 2016 , 13, 201-211 | 8.8 | 32 |
| 186 | Differential effects of soluble epoxide hydrolase inhibition and CYP2J2 overexpression on postischemic cardiac function in aged mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2013 , 104-105, 8-17 | 3.7 | 31 |
| 185 | Inducible CYP2J2 and its product 11,12-EET promotes bacterial phagocytosis: a role for CYP2J2 deficiency in the pathogenesis of Crohn's disease?. <i>PLoS ONE</i> , 2013 , 8, e75107 | 3.7 | 31 |
| 184 | Identification and regulation of a new vertebrate cytochrome P450 subfamily, the CYP2Ps, and functional characterization of CYP2P3, a conserved arachidonic acid epoxygenase/19-hydroxylase. <i>Archives of Biochemistry and Biophysics</i> , 2003 , 411, 223-34 | 4.1 | 31 |
| 183 | Arachidonic acid metabolism in the marine fish <i>Stenotomus chrysops</i> (Scup) and the effects of cytochrome P450 1A inducers. <i>Archives of Biochemistry and Biophysics</i> , 1998 , 353, 265-75 | 4.1 | 31 |
| 182 | Role of cyclooxygenase-2 in exacerbation of allergen-induced airway remodeling by multiwalled carbon nanotubes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013 , 49, 525-35 | 5.7 | 30 |
| 181 | Cytochrome P450 epoxygenase CYP2J2 attenuates nephropathy in streptozotocin-induced diabetic mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2011 , 96, 63-71 | 3.7 | 30 |
| 180 | Differential renal gene expression in prehypertensive and hypertensive spontaneously hypertensive rats. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 289, F552-61 | 4.3 | 30 |
| 179 | Nutritional status modulates rat liver cytochrome P450 arachidonic acid metabolism. <i>Molecular Pharmacology</i> , 1998 , 54, 504-13 | 4.3 | 30 |
| 178 | Prostaglandin-E2 counteracts interleukin-1beta-stimulated upregulation of platelet-derived growth factor alpha-receptor on rat pulmonary myofibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999 , 20, 433-40 | 5.7 | 30 |

| | | | |
|-----|---|------|----|
| 177 | Targeted Metabolomics Identifies the Cytochrome P450 Monooxygenase Eicosanoid Pathway as a Novel Therapeutic Target of Colon Tumorigenesis. <i>Cancer Research</i> , 2019 , 79, 1822-1830 | 10.1 | 29 |
| 176 | Role of caveolae in shear stress-mediated endothelium-dependent dilation in coronary arteries. <i>Cardiovascular Research</i> , 2013 , 100, 151-9 | 9.9 | 29 |
| 175 | Exposure to mouse allergen in U.S. homes associated with asthma symptoms. <i>Environmental Health Perspectives</i> , 2009 , 117, 387-91 | 8.4 | 29 |
| 174 | Regulation of mouse renal CYP2J5 expression by sex hormones. <i>Molecular Pharmacology</i> , 2004 , 65, 730-43 | 4.3 | 29 |
| 173 | Arrestin-2 deficiency attenuates abdominal aortic aneurysm formation in mice. <i>Circulation Research</i> , 2013 , 112, 1219-29 | 15.7 | 28 |
| 172 | CREB mediates prostaglandin F2alpha-induced MUC5AC overexpression. <i>Journal of Immunology</i> , 2009 , 182, 2349-56 | 5.3 | 28 |
| 171 | Dust weight and asthma prevalence in the National Survey of Lead and Allergens in Housing (NSLAH). <i>Environmental Health Perspectives</i> , 2007 , 115, 215-20 | 8.4 | 28 |
| 170 | Slower skeletal muscle phenotypes are critical for constitutive expression of Hsp70 in overloaded rat plantaris muscle. <i>Journal of Applied Physiology</i> , 2006 , 100, 981-7 | 3.7 | 28 |
| 169 | Role of endothelial soluble epoxide hydrolase in cerebrovascular function and ischemic injury. <i>PLoS ONE</i> , 2013 , 8, e61244 | 3.7 | 28 |
| 168 | The Role of Cytochrome P450 Epoxygenases, Soluble Epoxide Hydrolase, and Epoxyeicosatrienoic Acids in Metabolic Diseases. <i>Advances in Nutrition</i> , 2016 , 7, 1122-1128 | 10 | 27 |
| 167 | Vascular characterization of mice with endothelial expression of cytochrome P450 4F2. <i>FASEB Journal</i> , 2014 , 28, 2915-31 | 0.9 | 27 |
| 166 | Plasticity of cytochrome P450 isozyme expression in rat trigeminal ganglia neurons during inflammation. <i>Pain</i> , 2012 , 153, 2031-2039 | 8 | 27 |
| 165 | A multi-center ring trial of allergen analysis using fluorescent multiplex array technology. <i>Journal of Immunological Methods</i> , 2013 , 387, 89-95 | 2.5 | 27 |
| 164 | Delivery of recombinant adeno-associated virus-mediated human tissue kallikrein for therapy of chronic renal failure in rats. <i>Human Gene Therapy</i> , 2008 , 19, 318-30 | 4.8 | 27 |
| 163 | Inhaled nitric oxide attenuates hyperoxic lung injury in lambs. <i>Pediatric Research</i> , 2006 , 59, 142-6 | 3.2 | 27 |
| 162 | Induction of cardiac cytochrome p450 in cocaine-treated mice. <i>Experimental Biology and Medicine</i> , 2002 , 227, 182-8 | 3.7 | 27 |
| 161 | Feasibility of using subject-collected dust samples in epidemiologic and clinical studies of indoor allergens. <i>Environmental Health Perspectives</i> , 2005 , 113, 665-9 | 8.4 | 27 |
| 160 | Cytochrome P450 Oxidase 2C Inhibition Adds to β Long-Chain Polyunsaturated Fatty Acids Protection Against Retinal and Choroidal Neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1919-27 | 9.4 | 27 |

| | | | |
|-----|--|------|----|
| 159 | Characterization of four new mouse cytochrome P450 enzymes of the CYP2J subfamily. <i>Drug Metabolism and Disposition</i> , 2013 , 41, 763-73 | 4 | 26 |
| 158 | Oral pathogens and allergic disease: results from the Third National Health and Nutrition Examination Survey. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 118, 1169-75 | 11.5 | 26 |
| 157 | CYP2C40, a unique arachidonic acid 16-hydroxylase, is the major CYP2C in murine intestinal tract. <i>Molecular Pharmacology</i> , 2000 , 58, 279-87 | 4.3 | 26 |
| 156 | Furin cleavage of the SARS-CoV-2 spike is modulated by -glycosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 26 |
| 155 | Exposure and Sensitization to Pets Modify Endotoxin Association with Asthma and Wheeze. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018 , 6, 2006-2013.e4 | 5.4 | 25 |
| 154 | Cytochrome P450 monooxygenase lipid metabolites are significant second messengers in the resolution of choroidal neovascularization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E7545-E7553 | 11.5 | 25 |
| 153 | High-salt diet enhances mouse aortic relaxation through adenosine A2A receptor via CYP epoxygenases. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 296, R567-74 | 3.2 | 25 |
| 152 | Predominant Expression of an Arachidonate Epoxygenase in Islets of Langerhans Cells in Human and Rat Pancreas | | 25 |
| 151 | Contribution of alveolar type II cell-derived cyclooxygenase-2 to basal airway function, lung inflammation, and lung fibrosis. <i>FASEB Journal</i> , 2016 , 30, 160-73 | 0.9 | 24 |
| 150 | CYP2J2 overexpression ameliorates hyperlipidemia via increased fatty acid oxidation mediated by the AMPK pathway. <i>Obesity</i> , 2015 , 23, 1401-13 | 8 | 24 |
| 149 | Gene delivery of cytochrome p450 epoxygenase ameliorates monocrotaline-induced pulmonary artery hypertension in rats. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010 , 43, 740-9 | 5.7 | 24 |
| 148 | Cimetidine does not prevent lung injury in newborn premature infants. <i>Pediatric Research</i> , 2006 , 59, 795-800 | 3.00 | 24 |
| 147 | Electrophysiological properties of cardiomyocytes isolated from CYP2J2 transgenic mice. <i>Molecular Pharmacology</i> , 2007 , 72, 1063-73 | 4.3 | 24 |
| 146 | Identification of potential target genes for RFX4_v3, a transcription factor critical for brain development. <i>Journal of Neurochemistry</i> , 2006 , 98, 860-75 | 6 | 24 |
| 145 | Rabbit aorta converts 15-HPETE to trihydroxyeicosatrienoic acids: potential role of cytochrome P450. <i>Archives of Biochemistry and Biophysics</i> , 2003 , 420, 142-52 | 4.1 | 24 |
| 144 | Cytochrome P450 and the Metabolism of Arachidonic Acid and Oxygenated Eicosanoids 1995 , 443-471 | | 24 |
| 143 | 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 | 5.4 | 23 |
| 142 | Nitrogen dioxide and allergic sensitization in the 2005-2006 National Health and Nutrition Examination Survey. <i>Respiratory Medicine</i> , 2013 , 107, 1763-72 | 4.6 | 23 |

| | | | |
|-----|---|------|----|
| 141 | Relationship between serum cholesterol and indices of erythrocytes and platelets in the US population. <i>Journal of Lipid Research</i> , 2013 , 54, 3177-88 | 6.3 | 23 |
| 140 | Role of Ehydroxylase in adenosine-mediated aortic response through MAP kinase using A2A-receptor knockout mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 302, R400-8 | 3.2 | 23 |
| 139 | G-protein pathway suppressor 2 (GPS2) interacts with the regulatory factor X4 variant 3 (RFX4_v3) and functions as a transcriptional co-activator. <i>Journal of Biological Chemistry</i> , 2008 , 283, 8580-90 | 5.4 | 23 |
| 138 | Good or bad: Application of RAAS inhibitors in COVID-19 patients with cardiovascular comorbidities. <i>Pharmacology & Therapeutics</i> , 2020 , 215, 107628 | 13.9 | 22 |
| 137 | Salt modulates vascular response through adenosine A(2A) receptor in eNOS-null mice: role of CYP450 epoxygenase and soluble epoxide hydrolase. <i>Molecular and Cellular Biochemistry</i> , 2011 , 350, 101-11 | 4.2 | 22 |
| 136 | Modulation of allergic airway inflammation by the oral pathogen <i>Porphyromonas gingivalis</i> . <i>Infection and Immunity</i> , 2010 , 78, 2488-96 | 3.7 | 22 |
| 135 | Relationship of serum cholesterol levels to atopy in the US population. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2010 , 65, 859-64 | 9.3 | 22 |
| 134 | Cyclooxygenase-1 overexpression decreases Basal airway responsiveness but not allergic inflammation. <i>Journal of Immunology</i> , 2006 , 177, 4785-93 | 5.3 | 22 |
| 133 | NOS3 polymorphisms, cigarette smoking, and cardiovascular disease risk: the Atherosclerosis Risk in Communities study. <i>Pharmacogenetics and Genomics</i> , 2006 , 16, 891-9 | 1.9 | 22 |
| 132 | Ablation of soluble epoxide hydrolase reprogram white fat to beige-like fat through an increase in mitochondrial integrity, HO-1-adiponectin in vitro and in vivo. <i>Prostaglandins and Other Lipid Mediators</i> , 2018 , 138, 1-8 | 3.7 | 21 |
| 131 | Modulation by salt intake of the vascular response mediated through adenosine A(2A) receptor: role of CYP epoxygenase and soluble epoxide hydrolase. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 299, R325-33 | 3.2 | 21 |
| 130 | Inherited human group IVA cytosolic phospholipase A2 deficiency abolishes platelet, endothelial, and leucocyte eicosanoid generation. <i>FASEB Journal</i> , 2015 , 29, 4568-78 | 0.9 | 20 |
| 129 | Severely blunted allergen-induced pulmonary Th2 cell response and lung hyperresponsiveness in type 1 transient receptor potential channel-deficient mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 303, L539-49 | 5.8 | 20 |
| 128 | Mapping of the CYP2J cytochrome P450 genes to human chromosome 1 and mouse chromosome 4. <i>Genomics</i> , 1998 , 49, 152-5 | 4.3 | 20 |
| 127 | Bedroom allergen exposures in US households. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1870-1879.e14 | 11.5 | 20 |
| 126 | Synergistic Association of House Endotoxin Exposure and Ambient Air Pollution with Asthma Outcomes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 712-720 | 10.2 | 19 |
| 125 | CYP epoxygenase 2J2 prevents cardiac fibrosis by suppression of transmission of pro-inflammation from cardiomyocytes to macrophages. <i>Prostaglandins and Other Lipid Mediators</i> , 2015 , 116-117, 64-75 | 3.7 | 19 |
| 124 | Kidney Transplantation in a Patient Lacking Cytosolic Phospholipase A Proves Renal Origins of Urinary PGI-M and TX-M. <i>Circulation Research</i> , 2018 , 122, 555-559 | 15.7 | 19 |

| | | | |
|-----|--|------|----|
| 123 | Characterization of the Cytochrome P450 epoxyeicosanoid pathway in non-alcoholic steatohepatitis. <i>Prostaglandins and Other Lipid Mediators</i> , 2016 , 125, 19-29 | 3.7 | 19 |
| 122 | Soluble epoxide hydrolase in podocytes is a significant contributor to renal function under hyperglycemia. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 2758-2765 | 4 | 19 |
| 121 | Regulatory factor X4 variant 3: a transcription factor involved in brain development and disease. <i>Journal of Neuroscience Research</i> , 2007 , 85, 3515-22 | 4.4 | 19 |
| 120 | Effect of Soluble Epoxide Hydrolase on the Modulation of Coronary Reactive Hyperemia: Role of Oxylipins and PPAR α . <i>PLoS ONE</i> , 2016 , 11, e0162147 | 3.7 | 19 |
| 119 | PGE2 Inhibits IL-10 Production via EP2-Mediated β -Arrestin Signaling in Neuroinflammatory Condition. <i>Molecular Neurobiology</i> , 2015 , 52, 587-600 | 6.2 | 18 |
| 118 | Relation between objective measures of atopy and myocardial infarction in the United States. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 405-11.e1-11 | 11.5 | 18 |
| 117 | Adenosine A2A receptor modulates vascular response in soluble epoxide hydrolase-null mice through CYP-epoxygenases and PPAR α . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 304, R23-32 | 3.2 | 18 |
| 116 | Parent report of pests and pets and indoor allergen levels in inner-city homes. <i>Annals of Allergy, Asthma and Immunology</i> , 2008 , 101, 517-23 | 3.2 | 18 |
| 115 | Pulmonary cytochrome P-450 2J4 is reduced in a rat model of acute Pseudomonas pneumonia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003 , 285, L1099-105 | 5.8 | 18 |
| 114 | Molecular cloning and characterization of mouse CYP2J6, an unstable cytochrome P450 isoform. <i>Biochemical Pharmacology</i> , 2002 , 64, 1447-60 | 6 | 18 |
| 113 | Quantitative Polymerase Chain Reaction Analysis of the Mouse Cyp2j Subfamily: Tissue Distribution and Regulation. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 1169-80 | 4 | 17 |
| 112 | Altered behavioral phenotypes in soluble epoxide hydrolase knockout mice: effects of traumatic brain injury. <i>Prostaglandins and Other Lipid Mediators</i> , 2013 , 104-105, 18-24 | 3.7 | 17 |
| 111 | Dual modulation of cyclooxygenase and CYP epoxygenase metabolism and acute vascular inflammation in mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2013 , 104-105, 67-73 | 3.7 | 17 |
| 110 | Indapamide lowers blood pressure by increasing production of epoxyeicosatrienoic acids in the kidney. <i>Molecular Pharmacology</i> , 2013 , 84, 286-95 | 4.3 | 17 |
| 109 | The epoxyeicosatrienoic acid-stimulated phosphorylation of EGF-R involves the activation of metalloproteinases and the release of HB-EGF in cancer cells. <i>Acta Pharmacologica Sinica</i> , 2010 , 31, 211-8 | 8 | 17 |
| 108 | Resolution of dihydroxyeicosanoates and of dihydroxyeicosatrienoates by chiral phase chromatography. <i>Analytical Biochemistry</i> , 1992 , 207, 236-40 | 3.1 | 17 |
| 107 | Associations Between Selected Xenobiotics and Antinuclear Antibodies in the National Health and Nutrition Examination Survey, 1999-2004. <i>Environmental Health Perspectives</i> , 2016 , 124, 426-36 | 8.4 | 17 |
| 106 | Soluble epoxide hydrolase null mice exhibit female and male differences in regulation of vascular homeostasis. <i>Prostaglandins and Other Lipid Mediators</i> , 2015 , 120, 139-47 | 3.7 | 16 |

| | | | |
|-----|--|------|----|
| 105 | Cyp2c44 epoxygenase in the collecting duct is essential for the high K ⁺ intake-induced antihypertensive effect. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 307, F453-60 | 4.3 | 16 |
| 104 | Reproductive and hormonal risk factors for antinuclear antibodies (ANA) in a representative sample of U.S. women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 2492-502 | 4 | 16 |
| 103 | Epoxyeicosatrienoic acids affect electrolyte transport in renal tubular epithelial cells: dependence on cyclooxygenase and cell polarity. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 293, F288-98 | 4.3 | 16 |
| 102 | Podocyte-specific soluble epoxide hydrolase deficiency in mice attenuates acute kidney injury. <i>FEBS Journal</i> , 2017 , 284, 1970-1986 | 5.7 | 15 |
| 101 | Lipopolysaccharide Potentiates Insulin-Driven Hypoglycemic Shock. <i>Journal of Immunology</i> , 2017 , 199, 3634-3643 | 5.3 | 15 |
| 100 | Deficiency of Soluble Epoxide Hydrolase Protects Cardiac Function Impaired by LPS-Induced Acute Inflammation. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1572 | 5.6 | 15 |
| 99 | Proficiency testing of allergen measurements in residential dust. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 116, 844-50 | 11.5 | 15 |
| 98 | Comparison of enzyme immunoassay-based assays for environmental <i>Alternaria alternata</i> . <i>Annals of Allergy, Asthma and Immunology</i> , 2006 , 97, 350-6 | 3.2 | 15 |
| 97 | Association of urinary levels of bisphenols F and S used as bisphenol A substitutes with asthma and hay fever outcomes. <i>Environmental Research</i> , 2020 , 183, 108944 | 7.9 | 15 |
| 96 | Deletion of soluble epoxide hydrolase enhances coronary reactive hyperemia in isolated mouse heart: role of oxylipins and PPAR α . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 311, R676-R688 | 3.2 | 15 |
| 95 | Characterization of the Tissue Distribution of the Mouse Subfamily by Quantitative PCR Analysis. <i>Drug Metabolism and Disposition</i> , 2017 , 45, 807-816 | 4 | 14 |
| 94 | High salt diet exacerbates vascular contraction in the absence of adenosine A β receptor. <i>Journal of Cardiovascular Pharmacology</i> , 2014 , 63, 385-94 | 3.1 | 14 |
| 93 | Reply: cytochrome P450-derived eicosanoids and the vascular wall. <i>Trends in Pharmacological Sciences</i> , 2000 , 21, 127-128 | 13.2 | 14 |
| 92 | Primary care clinician adherence with asthma guidelines: the National Asthma Survey of Physicians. <i>Journal of Asthma</i> , 2020 , 57, 543-555 | 1.9 | 14 |
| 91 | Vascular endothelial over-expression of soluble epoxide hydrolase (Tie2-sEH) enhances adenosine A receptor-dependent contraction in mouse mesenteric arteries: role of ATP-sensitive K channels. <i>Molecular and Cellular Biochemistry</i> , 2016 , 422, 197-206 | 4.2 | 13 |
| 90 | Genetic variation in HTR4 and lung function: GWAS follow-up in mouse. <i>FASEB Journal</i> , 2015 , 29, 323-35 | 0.9 | 12 |
| 89 | The nuclear receptors constitutive active/androstane receptor and pregnane x receptor activate the Cyp2c55 gene in mouse liver. <i>Drug Metabolism and Disposition</i> , 2010 , 38, 1177-82 | 4 | 12 |
| 88 | Excess nitric oxide decreases cytochrome P-450 2J4 content and P-450-dependent arachidonic acid metabolism in lungs of rats with acute pneumonia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004 , 286, L1260-7 | 5.8 | 12 |

| | | | |
|----|--|------|----|
| 87 | 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 | 4 | 12 |
| 86 | Generation and characterization of epoxide hydrolase 3 (EPHX3)-deficient mice. <i>PLoS ONE</i> , 2017 , 12, e0175348 | 3.7 | 11 |
| 85 | Epoxygenase inactivation exacerbates diet and aging-associated metabolic dysfunction resulting from impaired adipogenesis. <i>Molecular Metabolism</i> , 2018 , 11, 18-32 | 8.8 | 11 |
| 84 | Immunochemical detection of cytochrome P450 enzymes in small intestine microsomes of male and female untreated juvenile cynomolgus monkeys. <i>Xenobiotica</i> , 2014 , 44, 769-74 | 2 | 11 |
| 83 | Does exposure to cats and dogs decrease the risk of allergic sensitization and disease?. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 751-2 | 11.5 | 11 |
| 82 | Role of Müller cell cytochrome P450 2c44 in murine retinal angiogenesis. <i>Prostaglandins and Other Lipid Mediators</i> , 2017 , 133, 93-102 | 3.7 | 10 |
| 81 | 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, 774-80 | 3.4 | 10 |
| 80 | Endotoxin predictors and associated respiratory outcomes differ with climate regions in the U.S. <i>Environment International</i> , 2018 , 112, 218-226 | 12.9 | 10 |
| 79 | Sex- and isoform-specific mechanism of neuroprotection by transgenic expression of P450 epoxygenase in vascular endothelium. <i>Experimental Neurology</i> , 2016 , 279, 75-85 | 5.7 | 10 |
| 78 | Ventilation defects observed with hyperpolarized 3He magnetic resonance imaging in a mouse model of acute lung injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 44, 648-54 | 5.7 | 10 |
| 77 | Rosuvastatin attenuates the elevation in blood pressure induced by overexpression of human C-reactive protein. <i>Hypertension Research</i> , 2011 , 34, 869-75 | 4.7 | 10 |
| 76 | Environmental health research on hazards in the home and the duty to warn. <i>Bioethics</i> , 2008 , 22, 209-17 | 2 | 10 |
| 75 | <i>Alternaria alternata</i> antigens in US homes. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 117, 473; author reply 474 | 11.5 | 10 |
| 74 | House Dust Endotoxin Association with Chronic Bronchitis and Emphysema. <i>Environmental Health Perspectives</i> , 2018 , 126, 037007 | 8.4 | 10 |
| 73 | Immunochemical quantification of cynomolgus CYP2J2, CYP4A and CYP4F enzymes in liver and small intestine. <i>Xenobiotica</i> , 2015 , 45, 124-30 | 2 | 9 |
| 72 | Efficacy of an in-home test kit in reducing dust mite allergen levels: results of a randomized controlled pilot study. <i>Journal of Asthma</i> , 2016 , 53, 133-8 | 1.9 | 9 |
| 71 | The Environmental Polymorphism Registry: a unique resource that facilitates translational research of environmental disease. <i>Environmental Health Perspectives</i> , 2011 , 119, 1523-7 | 8.4 | 9 |
| 70 | The 5-lipoxygenase pathway: a new therapeutic target for the treatment of pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 165, 146-7 | 10.2 | 9 |

| | | | |
|----|---|-----|---|
| 69 | Cyclic AMP-induced changes in membrane conductance of Necturus gallbladder epithelial cells. <i>Journal of Membrane Biology</i> , 1985 , 84, 193-206 | 2.3 | 9 |
| 68 | Vascular endothelial overexpression of human CYP2J2 (Tie2-CYP2J2 Tr) modulates cardiac oxylipin profiles and enhances coronary reactive hyperemia in mice. <i>PLoS ONE</i> , 2017 , 12, e0174137 | 3.7 | 9 |
| 67 | Racial/ethnic and socioeconomic differences in self-reported food allergy among food-sensitized children in National Health and Nutrition Examination Survey III. <i>Annals of Allergy, Asthma and Immunology</i> , 2016 , 117, 570-572.e3 | 3.2 | 8 |
| 66 | Eicosanoid Metabolism and Bioactivation by Microsomal Cytochrome P450. <i>Advances in Molecular and Cell Biology</i> , 1996 , 14, 317-339 | | 8 |
| 65 | Endotoxin clustering with allergens in house dust and asthma outcomes in a U.S. national study. <i>Environmental Health</i> , 2020 , 19, 35 | 6 | 7 |
| 64 | Vascular Endothelial Over-Expression of Human Soluble Epoxide Hydrolase (Tie2-sEH Tr) Attenuates Coronary Reactive Hyperemia in Mice: Role of Oxylipins and ω -Hydroxylases. <i>PLoS ONE</i> , 2017 , 12, e0169584 | 3.7 | 7 |
| 63 | Nanoparticle-mediated drug delivery and pulmonary hypertension. <i>Hypertension</i> , 2009 , 53, 751-3 | 8.5 | 7 |
| 62 | EDHF function in the ductus arteriosus: evidence against involvement of epoxyeicosatrienoic acids and 12S-hydroxyeicosatetraenoic acid. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H2161-8 | 5.2 | 7 |
| 61 | Research on environmental health interventions: ethical problems and solutions. <i>Accountability in Research</i> , 2005 , 12, 69-101 | 1.9 | 7 |
| 60 | Role of linoleic acid-derived oxylipins in cancer. <i>Cancer and Metastasis Reviews</i> , 2020 , 39, 581-582 | 9.6 | 7 |
| 59 | House Dust Endotoxin and Peripheral Leukocyte Counts: Results from Two Large Epidemiologic Studies. <i>Environmental Health Perspectives</i> , 2017 , 125, 057010 | 8.4 | 6 |
| 58 | Reduced coronary reactive hyperemia in mice was reversed by the soluble epoxide hydrolase inhibitor (t-AUCB): Role of adenosine A receptor and plasma oxylipins. <i>Prostaglandins and Other Lipid Mediators</i> , 2017 , 131, 83-95 | 3.7 | 6 |
| 57 | Inner-city environments and mitigation of cockroach allergen. <i>American Journal of Preventive Medicine</i> , 2011 , 41, S55-6 | 6.1 | 6 |
| 56 | Soluble Epoxide Hydrolase Inhibition by ω -TUCB Promotes Brown Adipogenesis and Reduces Serum Triglycerides in Diet-Induced Obesity. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 6 |
| 55 | Identification of a homozygous recessive variant in resulting in a congenital aspirin-like defect in platelet function. <i>Haematologica</i> , 2021 , 106, 1423-1432 | 6.6 | 6 |
| 54 | Use of National Asthma Guidelines by Allergists and Pulmonologists: A National Survey. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 3011-3020.e2 | 5.4 | 5 |
| 53 | Role of Arginine 117 in Substrate Recognition by Human Cytochrome P450 2J2. <i>International Journal of Molecular Sciences</i> , 2018 , 19, | 6.3 | 5 |
| 52 | Bedroom Allergen Exposure Beyond House Dust Mites. <i>Current Allergy and Asthma Reports</i> , 2018 , 18, 52 | 5.6 | 5 |

| | | | |
|----|--|------|---|
| 51 | Indoor determinants of dustborne allergens in Mexican homes. <i>Allergy and Asthma Proceedings</i> , 2015 , 36, 130-7 | 2.6 | 5 |
| 50 | Vitamin C activation of the biosynthesis of epoxyeicosatrienoic acids. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2012 , 3, 204-218 | 0.9 | 5 |
| 49 | In the United States, Black Male Children have an Increased Risk of Food Allergy: Results from NHANES 2005-2006. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 123, S267-S267 | 11.5 | 5 |
| 48 | Transethnic associations among immune-mediated diseases and single-nucleotide polymorphisms of the aryl hydrocarbon response gene ARNT and the PTPN22 immune regulatory gene. <i>Journal of Autoimmunity</i> , 2020 , 107, 102363 | 15.5 | 5 |
| 47 | Profiling the eicosanoid networks that underlie the anti- and pro-thrombotic effects of aspirin. <i>FASEB Journal</i> , 2020 , 34, 10027-10040 | 0.9 | 5 |
| 46 | Lrp1 Regulation of Pulmonary Function. Follow-Up of Human GWAS in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 64, 368-378 | 5.7 | 5 |
| 45 | Proteome and functional decline as platelets age in the circulation. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 3095-3112 | 15.4 | 5 |
| 44 | 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, | 7.9 | 4 |
| 43 | -Gene Deletion Affects on Acetylcholine and Adenosine-Induced Relaxation in Mice: Role of Angiotensin-II and CYP-Epoxygenase Inhibitor. <i>Frontiers in Pharmacology</i> , 2020 , 11, 27 | 5.6 | 4 |
| 42 | Classification of 19 Allergen-Specific IgE Antibodies Tested in NHANES 2005-2006. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 123, S193-S193 | 11.5 | 4 |
| 41 | Interaction between sex and age in the prevalence of current asthma*1. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 113, S302 | 11.5 | 4 |
| 40 | Conditional ablation of the RFX4 isoform 1 transcription factor: Allele dosage effects on brain phenotype. <i>PLoS ONE</i> , 2018 , 13, e0190561 | 3.7 | 4 |
| 39 | Mechanistic definition of the cardiovascular mPGES-1/COX-2/ADMA axis. <i>Cardiovascular Research</i> , 2020 , 116, 1972-1980 | 9.9 | 4 |
| 38 | Soluble Epoxide Hydrolase in Aged Female Mice and Human Explanted Hearts Following Ischemic Injury. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 4 |
| 37 | Expression of / subfamily members and oxylipin levels during LPS-induced inflammation and resolution in mice. <i>FASEB Journal</i> , 2019 , 33, 14784-14797 | 0.9 | 3 |
| 36 | Antigenic stimulation with cytochrome P450 2J expressed in mouse hepatocellular carcinoma cells regulates host anti-tumour immunity. <i>Clinical and Experimental Immunology</i> , 2009 , 156, 344-52 | 6.2 | 3 |
| 35 | "Lung impedance measurements are/are not more useful than simpler measurements of lung function in animal models of pulmonary disease". <i>Journal of Applied Physiology</i> , 2007 , 103, 1905-8; author reply 1909-10 | 3.7 | 3 |
| 34 | Ephx2-gene deletion affects acetylcholine-induced relaxation in angiotensin-II infused mice: role of nitric oxide and CYP-epoxygenases. <i>Molecular and Cellular Biochemistry</i> , 2020 , 465, 37-51 | 4.2 | 3 |

| | | | |
|----|--|------|---|
| 33 | Soluble epoxide hydrolase deficiency attenuates lipotoxic cardiomyopathy via upregulation of AMPK-mTORC mediated autophagy. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 154, 80-91 | 5.8 | 3 |
| 32 | Cockroach, dust mite, and shrimp sensitization correlations in the National Health and Nutrition Examination Survey. <i>Annals of Allergy, Asthma and Immunology</i> , 2019 , 122, 536-538.e1 | 3.2 | 3 |
| 31 | Epoxide hydrolase 3 (Ephx3) gene disruption reduces ceramide linoleate epoxide hydrolysis and impairs skin barrier function. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100198 | 5.4 | 3 |
| 30 | Vagal innervation is required for pulmonary function phenotype in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 312, L520-L530 | 5.8 | 2 |
| 29 | Higher Epoxyeicosatrienoic Acids in Cardiomyocytes-Specific CYP2J2 Transgenic Mice Are Associated with Improved Myocardial Remodeling. <i>Biomedicines</i> , 2020 , 8, | 4.8 | 2 |
| 28 | Validation of Questionnaire-based Case Definitions for Chronic Obstructive Pulmonary Disease. <i>Epidemiology</i> , 2020 , 31, 459-466 | 3.1 | 2 |
| 27 | Letter by Mitchell et al Regarding Article, "Urinary Prostaglandin Metabolites: An Incomplete Reckoning and a Flush to Judgment". <i>Circulation Research</i> , 2018 , 122, e84-e85 | 15.7 | 2 |
| 26 | sEH promotes macrophage phagocytosis and lung clearance of <i>Streptococcus pneumoniae</i> . <i>Journal of Clinical Investigation</i> , 2021 , 131, | 15.9 | 2 |
| 25 | Regulation of cardiovascular biology by microsomal epoxide hydrolase. <i>Toxicological Research</i> , 2021 , 37, 285-292 | 3.7 | 2 |
| 24 | 147 Platelet cox-1 knockout mouse as a model of the effects of aspirin in the cardiovascular system. <i>Heart</i> , 2017 , 103, A108.3-A109 | 5.1 | 1 |
| 23 | Cats and dogs: an attractive remedy versus atopy?. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 765; author reply 765 | 11.5 | 1 |
| 22 | Endotoxin and Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 1177a-1177a.2 | 10.2 | 1 |
| 21 | Detection of human CYP2Cs in heart, aorta and coronary tissues. <i>FASEB Journal</i> , 2006 , 20, A1111 | 0.9 | 1 |
| 20 | Introduction. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1161, 1-2 | 3.6 | 1 |
| 19 | P450 Enzymes in Lipid Oxidation 2015 , 881-905 | | 1 |
| 18 | Natural Products in the Prevention of Metabolic Diseases: Lessons Learned from the 20th KAST Frontier Scientists Workshop. <i>Nutrients</i> , 2021 , 13, | 6.7 | 1 |
| 17 | A novel genetic variant in PTGS1 affects N-glycosylation of cyclooxygenase-1 causing a dominant-negative effect on platelet function and bleeding diathesis. <i>American Journal of Hematology</i> , 2021 , 96, E83-E88 | 7.1 | 1 |
| 16 | Structure, Mechanism, and Regulation of Cytochromes P450147-172 | | 1 |

| | | |
|----|---|------|
| 15 | Mite-impermeable bedding casings and severe asthma exacerbations. <i>Journal of Pediatrics</i> , 2018 , 192, 266-269 | 3.6 |
| 14 | The Distinguished Legacy of Linda S. Birnbaum, an Environmental Health Champion. <i>Environmental Health Perspectives</i> , 2019 , 127, 101001 | 8.4 |
| 13 | WEC 2016 special issue editorial. <i>Prostaglandins and Other Lipid Mediators</i> , 2017 , 132, 1-2 | 3.7 |
| 12 | Reply: To PMID 22921873. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 1715-6 | 11.5 |
| 11 | 207 PLATELET COX-1 SUPPORTS THE PRODUCTION OF BOTH PROSTANOIDS AND HETES. <i>Heart</i> , 2013 , 99, A114.1-A114 | 5.1 |
| 10 | Cats and dogs: an attractive remedy versus atopy?. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 765-6 | 11.5 |
| 9 | Airway Responsiveness Should Be a Measurement of the Responsiveness of Airways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 215a-216 | 10.2 |
| 8 | Cloning and characterization of three new mouse P450 enzymes. <i>FASEB Journal</i> , 2006 , 20, A458 | 0.9 |
| 7 | Androgen Effects On Soluble Epoxide Hydrolase Expression and Cardioprotection. <i>FASEB Journal</i> , 2008 , 22, 479.45 | 0.9 |
| 6 | B-type Natriuretic Peptide and EET Mediated Cardioprotection. <i>FASEB Journal</i> , 2008 , 22, 479.43 | 0.9 |
| 5 | Hyperpolarized 3He magnetic resonance imaging of ventilation after bacterial lipopolysaccharide exposure in mice. <i>FASEB Journal</i> , 2008 , 22, 763.8 | 0.9 |
| 4 | CYTOCHROME P450 EPOXYGENASE EICOSANOID PATHWAY AS NOVEL BIOMARKER AND THERAPEUTIC TARGET OF COLORECTAL CANCER. <i>FASEB Journal</i> , 2018 , 32, 566.8 | 0.9 |
| 3 | Pharmacologic Inhibition or Genetic Deletion of Soluble Epoxide Hydrolase Improves Survival Following Myocardial Infarction in Aged Mice. <i>FASEB Journal</i> , 2019 , 33, 817.8 | 0.9 |
| 2 | Salt modulates vascular response in eNOS-null mice through adenosine A2A receptor: role of CYP450 epoxygenase and soluble epoxide hydrolase. <i>FASEB Journal</i> , 2010 , 24, lb569 | 0.9 |
| 1 | Epoxyeicosatrienoic Acids Regulate Hematopoietic Stem/Progenitor Cell Fate Decision During Stress Response and Embryonic Hematopoiesis. <i>Blood</i> , 2011 , 118, 860-860 | 2.2 |