

Darryl C Zeldin

List of Publications by Year in descending order

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423
papers

27,218
citations

4146

87
h-index

8630

146
g-index

433
all docs

433
docs citations

433
times ranked

22400
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-inflammatory Properties of Cytochrome P450 Epoxygenase-Derived Eicosanoids. <i>Science</i> , 1999, 285, 1276-1279.	12.6	1,072
2	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.	5.7	850
3	THE HUMAN INTESTINAL CYTOCHROME P450 ω 5. <i>Drug Metabolism and Disposition</i> , 2006, 34, 880-886.	3.3	764
4	Epoxygenase Pathways of Arachidonic Acid Metabolism. <i>Journal of Biological Chemistry</i> , 2001, 276, 36059-36062.	3.4	575
5	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, 377-383.	2.9	569
6	Polymorphisms in human CYP2C8 decrease metabolism of the anticancer drug paclitaxel and arachidonic acid. <i>Pharmacogenetics and Genomics</i> , 2001, 11, 597-607.	5.7	445
7	Soluble Epoxide Hydrolase Regulates Hydrolysis of Vasoactive Epoxyeicosatrienoic Acids. <i>Circulation Research</i> , 2000, 87, 992-998.	4.5	428
8	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, 3460-3468.	3.4	425
9	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.e14.	2.9	422
10	Prevalence and sociodemographic correlates of antinuclear antibodies in the United States. <i>Arthritis and Rheumatism</i> , 2012, 64, 2319-2327.	6.7	338
11	It's all about sex: gender, lung development and lung disease. <i>Trends in Endocrinology and Metabolism</i> , 2007, 18, 308-313.	7.1	337
12	The prevalence of lead-based paint hazards in U.S. housing.. <i>Environmental Health Perspectives</i> , 2002, 110, A599-606.	6.0	323
13	Endotoxin Exposure Is a Risk Factor for Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1371-1377.	5.6	306
14	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, 350-359.	2.9	266
15	Overexpression of Cytochrome P450 CYP2J2 Protects against Hypoxia-Reoxygenation Injury in Cultured Bovine Aortic Endothelial Cells. <i>Molecular Pharmacology</i> , 2001, 60, 310-320.	2.3	258
16	Cytochrome P450 2J2 Promotes the Neoplastic Phenotype of Carcinoma Cells and Is Up-regulated in Human Tumors. <i>Cancer Research</i> , 2005, 65, 4707-4715.	0.9	252
17	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, 506-514.	4.5	247
18	Pulmonary applications and toxicity of engineered nanoparticles. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L400-L411.	2.9	245

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19	Epoxyeicosanoids stimulate multiorgan metastasis and tumor dormancy escape in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 178-191.	8.2	242
20	Risk of Coronary Artery Disease Associated With Polymorphism of the Cytochrome P450 Epoxygenase CYP2J2. <i>Circulation</i> , 2004, 110, 2132-2136.	1.6	232
21	Activation of G β s Mediates Induction of Tissue-type Plasminogen Activator Gene Transcription by Epoxyeicosatrienoic Acids. <i>Journal of Biological Chemistry</i> , 2001, 276, 15983-15989.	3.4	213
22	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, 1139-1145.	2.9	203
23	Exposure to <i>Alternaria alternata</i> in US homes is associated with asthma symptoms. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 892-898.	2.9	201
24	Oxidation of Benzo[a]pyrene by Recombinant Human Cytochrome P450 Enzymes. <i>Chemical Research in Toxicology</i> , 1995, 8, 136-142.	3.3	199
25	Molecular Cloning, Expression, and Functional Significance of a Cytochrome P450 Highly Expressed in Rat Heart Myocytes. <i>Journal of Biological Chemistry</i> , 1997, 272, 12551-12559.	3.4	197
26	Allergic lung responses are increased in prostaglandin H synthase-deficient mice. <i>Journal of Clinical Investigation</i> , 1999, 104, 721-732.	8.2	195
27	Cytochrome P450 Epoxygenase Promotes Human Cancer Metastasis. <i>Cancer Research</i> , 2007, 67, 6665-6674.	0.9	192
28	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-L278.	2.9	188
29	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, 1226-1235.e7.	2.9	184
30	Gender Differences in Murine Airway Responsiveness and Lipopolysaccharide-Induced Inflammation. <i>Journal of Immunology</i> , 2006, 177, 621-630.	0.8	181
31	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, 522-532.	2.5	177
32	Role of Soluble Epoxide Hydrolase in Postischemic Recovery of Heart Contractile Function. <i>Circulation Research</i> , 2006, 99, 442-450.	4.5	173
33	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.	2.9	173
34	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, 1163-1169.e4.	2.9	172
35	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, 1640-1649.	2.9	171
36	Cytochrome P450 pathways of arachidonic acid metabolism. <i>Current Opinion in Lipidology</i> , 2002, 13, 273-283.	2.7	168

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37	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, 447-453.	2.9	161
38	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, 111-117.	2.9	160
39	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, 822-829.	1.7	160
40	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-H499.	3.2	159
41	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.	3.0	158
42	Inhibition of Vascular Smooth Muscle Cell Migration by Cytochrome P450 Epoxygenase-Derived Eicosanoids. <i>Circulation Research</i> , 2002, 90, 1020-1027.	4.5	155
43	Inhibition of Cardiac L-Type Calcium Channels by Epoxyeicosatrienoic Acids. <i>Molecular Pharmacology</i> , 1999, 55, 288-295.	2.3	149
44	Polymorphisms in Human Soluble Epoxide Hydrolase. <i>Molecular Pharmacology</i> , 2003, 64, 482-490.	2.3	142
45	Detection of Human CYP2C8, CYP2C9, and CYP2J2 in Cardiovascular Tissues. <i>Drug Metabolism and Disposition</i> , 2007, 35, 682-688.	3.3	140
46	Biochemical Characterization of the Human Liver Cytochrome P450 Arachidonic Acid Epoxygenase Pathway. <i>Archives of Biochemistry and Biophysics</i> , 1996, 330, 87-96.	3.0	135
47	Cloning of CYP2J2 Gene and Identification of Functional Polymorphisms. <i>Molecular Pharmacology</i> , 2002, 61, 840-852.	2.3	132
48	Housing Interventions and Control of Asthma-Related Indoor Biologic Agents. <i>Journal of Public Health Management and Practice</i> , 2010, 16, S11-S20.	1.4	129
49	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, 408-414.	2.9	128
50	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
51	Metabolism of Epoxyeicosatrienoic Acids by Cytosolic Epoxide Hydrolase: Substrate Structural Determinants of Asymmetric Catalysis. <i>Archives of Biochemistry and Biophysics</i> , 1995, 316, 443-451.	3.0	125
52	CYP2J Subfamily Cytochrome P450s in the Gastrointestinal Tract: Expression, Localization, and Potential Functional Significance. <i>Molecular Pharmacology</i> , 1997, 51, 931-943.	2.3	125
53	Epoxyeicosanoids promote organ and tissue regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13528-13533.	7.1	124
54	Role of epoxyeicosatrienoic acids in protecting the myocardium following ischemia/reperfusion injury. <i>Prostaglandins and Other Lipid Mediators</i> , 2007, 82, 50-59.	1.9	122

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55	20-HETE Signals Through G-Protein-Coupled Receptor GPR75 (G _q) to Affect Vascular Function and Trigger Hypertension. <i>Circulation Research</i> , 2017, 120, 1776-1788.	4.5	119
56	Cytochrome P-450 epoxygenases protect endothelial cells from apoptosis induced by tumor necrosis factor- α via MAPK and PI3K/Akt signaling pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H142-H151.	3.2	115
57	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
58	Phthalate Exposure and Allergy in the U.S. Population: Results from NHANES 2005-2006. <i>Environmental Health Perspectives</i> , 2013, 121, 1129-1134.	6.0	113
59	Spontaneous Airway Hyperresponsiveness in Estrogen Receptor- α deficient Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 126-135.	5.6	111
60	Susceptibility of Cyclooxygenase-2-Deficient Mice to Pulmonary Fibrogenesis. <i>American Journal of Pathology</i> , 2002, 161, 459-470.	3.8	110
61	EET signaling in cancer. <i>Cancer and Metastasis Reviews</i> , 2011, 30, 525-540.	5.9	110
62	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, 328-336.	2.9	109
63	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, 6878-6884.	0.8	109
64	Indoor allergens in school and day care environments. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 185-192.e9.	2.9	109
65	Predictors of Endotoxin Levels in U.S. Housing. <i>Environmental Health Perspectives</i> , 2009, 117, 763-771.	6.0	108
66	Vascular actions of 20-HETE. <i>Prostaglandins and Other Lipid Mediators</i> , 2015, 120, 9-16.	1.9	107
67	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
68	Metabolic reprogramming through fatty acid transport protein 1 (FATP1) regulates macrophage inflammatory potential and adipose inflammation. <i>Molecular Metabolism</i> , 2016, 5, 506-526.	6.5	107
69	Midazolam Metabolism in Cytochrome P450 3A Knockout Mice Can Be Attributed to Up-Regulated CYP2C Enzymes. <i>Molecular Pharmacology</i> , 2008, 73, 1029-1036.	2.3	106
70	The Toll-like receptor 5 ligand flagellin promotes asthma by priming allergic responses to indoor allergens. <i>Nature Medicine</i> , 2012, 18, 1705-1710.	30.7	106
71	Cloning and Expression of Murine CYP2Cs and Their Ability to Metabolize Arachidonic Acid. <i>Archives of Biochemistry and Biophysics</i> , 1998, 357, 45-57.	3.0	103
72	Decreased Renal Cytochrome P450 2C Enzymes and Impaired Vasodilation Are Associated With Angiotensin Salt-Sensitive Hypertension. <i>Hypertension</i> , 2003, 41, 709-714.	2.7	102

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73	Endothelial expression of human cytochrome P450 epoxygenase CYP2C8 increases susceptibility to ischemiaâ€reperfusion injury in isolated mouse heart. <i>FASEB Journal</i> , 2011, 25, 3436-3447.	0.5	101
74	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, 1287-1297.	5.6	101
75	Single nucleotide polymorphisms in the CYP2J2 and CYP2C8 genes and the risk of hypertension. <i>Pharmacogenetics and Genomics</i> , 2005, 15, 7-13.	1.5	100
76	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.	2.9	100
77	The rabbit pulmonary cytochrome P450 arachidonic acid metabolic pathway: characterization and significance.. <i>Journal of Clinical Investigation</i> , 1995, 95, 2150-2160.	8.2	100
78	P450 SUBFAMILY CYP2J AND THEIR ROLE IN THE BIOACTIVATION OF ARACHIDONIC ACID IN EXTRAHEPATIC TISSUES*. <i>Drug Metabolism Reviews</i> , 1999, 31, 205-234.	3.6	99
79	Epoxyeicosatrienoic Acid Agonist Regulates Human Mesenchymal Stem Cellâ€™Derived Adipocytes Through Activation of<i>HO-1-pAKT</i> Signaling and a Decrease in<i>PPARÎ³</i>. <i>Stem Cells and Development</i> , 2010, 19, 1863-1873.	2.1	98
80	Increased <i>CYP2J3</i> Expression Reduces Insulin Resistance in Fructose-Treated Rats and <i>db/db</i> Mice. <i>Diabetes</i> , 2010, 59, 997-1005.	0.6	98
81	Epoxyeicosatrienoic acids enhance embryonic haematopoiesis and adult marrow engraftment. <i>Nature</i> , 2015, 523, 468-471.	27.8	97
82	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, 908-918.	2.5	96
83	National Prevalence and Exposure Risk for Cockroach Allergen in U.S. Households. <i>Environmental Health Perspectives</i> , 2006, 114, 522-526.	6.0	95
84	Hydrogen Peroxide Inhibits Cytochrome P450 Epoxygenases. <i>Circulation Research</i> , 2008, 102, 59-67.	4.5	94
85	Furin cleavage of the SARS-CoV-2 spike is modulated by <i>O</i>-glycosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	94
86	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, 339-345.	2.9	93
87	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, 4539-4552.	2.5	92
88	Cyclooxygenase-1 and -2 Knockout Mice Demonstrate Increased Cardiac Ischemia/Reperfusion Injury but Are Protected by Acute Preconditioning. <i>Circulation</i> , 2001, 104, 2453-2458.	1.6	91
89	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, 2829-2837.	2.9	91
90	Evaluation of cytochrome P450-derived eicosanoids in humans with stable atherosclerotic cardiovascular disease. <i>Atherosclerosis</i> , 2012, 222, 530-536.	0.8	89

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91	First National Survey of Lead and Allergens in Housing: survey design and methods for the allergen and endotoxin components.. Environmental Health Perspectives, 2002, 110, 527-532.	6.0	87
92	Abatement of cockroach allergens (Bla g 1 and Bla g 2) in low-income, urban housingâ††Month 12 continuation results. Journal of Allergy and Clinical Immunology, 2004, 113, 109-114.	2.9	87
93	Cytochrome P450 2J2 Is Highly Expressed in Hematologic Malignant Diseases and Promotes Tumor Cell Growth. Journal of Pharmacology and Experimental Therapeutics, 2011, 336, 344-355.	2.5	87
94	National prevalence and exposure risk for mouse allergen in US households. Journal of Allergy and Clinical Immunology, 2004, 113, 1167-1171.	2.9	86
95	CYP2J2 and CYP2C8 polymorphisms and coronary heart disease risk: the Atherosclerosis Risk in Communities (ARIC) study. Pharmacogenetics and Genomics, 2007, 17, 349-358.	1.5	86
96	Predominant Expression of an Arachidonate Epoxygenase in Islets of Langerhans Cells in Human and Rat Pancreas. Endocrinology, 1997, 138, 1338-1346.	2.8	85
97	Up-Regulation of Endothelial Nitric-Oxide Synthase by Endothelium-Derived Hyperpolarizing Factor Involves Mitogen-Activated Protein Kinase and Protein Kinase C Signaling Pathways. Journal of Pharmacology and Experimental Therapeutics, 2003, 307, 753-764.	2.5	85
98	Cyclooxygenase Polymorphisms and Risk of Cardiovascular Events: The Atherosclerosis Risk in Communities (ARIC) Study. Clinical Pharmacology and Therapeutics, 2008, 83, 52-60.	4.7	84
99	Overexpression of CYP2J2 provides protection against doxorubicin-induced cardiotoxicity. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H37-H46.	3.2	84
100	Consortium-Based Science: The NIEHSâ€™s Multipronged, Collaborative Approach to Assessing the Health Effects of Bisphenol A. Environmental Health Perspectives, 2012, 120, 1640-1644.	6.0	84
101	Molecular Cloning, Enzymatic Characterization, Developmental Expression, and Cellular Localization of a Mouse Cytochrome P450 Highly Expressed in Kidney. Journal of Biological Chemistry, 1999, 274, 17777-17788.	3.4	83
102	The lung HETEs (and EETs) up. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H1-H10.	3.2	83
103	Clinician Agreement, Self-Efficacy, and Adherence with the Guidelines for the Diagnosis and Management of Asthma. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 886-894.e4.	3.8	82
104	Optimized Inhibitors of Soluble Epoxide Hydrolase Improve in Vitro Target Residence Time and in Vivo Efficacy. Journal of Medicinal Chemistry, 2014, 57, 7016-7030.	6.4	81
105	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]. Drug Metabolism and Disposition, 2006, 34, 1985-1994.	3.3	79
106	The Cytochrome P450 Epoxygenase Pathway Regulates the Hepatic Inflammatory Response in Fatty Liver Disease. PLoS ONE, 2014, 9, e110162.	2.5	79
107	CYP2J2-Derived Epoxyeicosatrienoic Acids Suppress Endoplasmic Reticulum Stress in Heart Failure. Molecular Pharmacology, 2014, 85, 105-115.	2.3	78
108	Epoxyeicosatrienoic acids constrict isolated pressurized rabbit pulmonary arteries. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 278, L335-L343.	2.9	76

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109	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, 457-465.	2.9	76
110	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, 849-855.	2.9	76
111	Cytochrome P450 CYP2J9, a New Mouse Arachidonic Acid ω -1 Hydroxylase Predominantly Expressed in Brain. <i>Journal of Biological Chemistry</i> , 2001, 276, 25467-25479.	3.4	75
112	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, 623-629.	2.9	75
113	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.	2.9	75
114	Analysis of the Cytotoxic Properties of Linoleic Acid Metabolites Produced by Renal and Hepatic P450s. <i>Toxicology and Applied Pharmacology</i> , 2000, 168, 268-279.	2.8	74
115	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-L655.	2.9	74
116	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, 451-463.	2.5	73
117	Epoxyeicosanoids as mediators of neurogenic vasodilation in cerebral vessels. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H1352-H1363.	3.2	72
118	CYP2C44, a New Murine CYP2C That Metabolizes Arachidonic Acid to Unique Stereospecific Products. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 845-854.	2.5	71
119	Endogenous Epoxygenases Are Modulators of Monocyte/Macrophage Activity. <i>PLoS ONE</i> , 2011, 6, e26591.	2.5	71
120	Epoxyeicosatrienoic Acids Regulate Macrophage Polarization and Prevent LPS-Induced Cardiac Dysfunction. <i>Journal of Cellular Physiology</i> , 2015, 230, 2108-2119.	4.1	71
121	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.	3.8	71
122	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, 1148-1158.	2.3	68
123	Increased Endothelial Nitric-Oxide Synthase Expression Reduces Hypertension and Hyperinsulinemia in Fructose-Treated Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 610-620.	2.5	67
124	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
125	Respiratory disease in United States farmers. <i>Occupational and Environmental Medicine</i> , 2014, 71, 484-491.	2.8	66
126	Cardiac and vascular KATP channels in rats are activated by endogenous epoxyeicosatrienoic acids through different mechanisms. <i>Journal of Physiology</i> , 2006, 575, 627-644.	2.9	65

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127	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.	1.5	65
128	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.	4.2	64
129	Cyclooxygenase enzymes in allergic inflammation and asthma. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2003, 69, 157-162.	2.2	63
130	Pharmacologic Inhibition of COX-1 and COX-2 in Influenza A Viral Infection in Mice. <i>PLoS ONE</i> , 2010, 5, e11610.	2.5	63
131	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, 1509-1515.	5.6	62
132	Exposure to indoor allergens in day-care facilities: Results from 2 North Carolina counties. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 133-139.	2.9	62
133	Novel relationship of serum cholesterol with asthma and wheeze in the United States. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 967-974.e15.	2.9	61
134	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, 1352-1361.	2.7	61
135	Cardiomyocyte-specific expression of CYP2J2 prevents development of cardiac remodelling induced by angiotensin II. <i>Cardiovascular Research</i> , 2015, 105, 304-317.	3.8	59
136	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
137	The Epoxygenases CYP2J2 Activates the Nuclear Receptor PPAR α In Vitro and In Vivo. <i>PLoS ONE</i> , 2009, 4, e7421.	2.5	58
138	Cardiac-Specific Overexpression of CYP2J2 Attenuates Diabetic Cardiomyopathy in Male Streptozotocin-Induced Diabetic Mice. <i>Endocrinology</i> , 2013, 154, 2843-2856.	2.8	58
139	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
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