

# Bruce D Hammock

## List of Publications by Citations

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48,956  
ext. citations

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7.52  
L-index

#	Paper	IF	Citations
1087	Mass spectrometry-based metabolomics. <i>Mass Spectrometry Reviews</i> , <b>2007</b> , 26, 51-78	11	1445
1086	Soluble epoxide hydrolase as a therapeutic target for cardiovascular diseases. <i>Nature Reviews Drug Discovery</i> , <b>2009</b> , 8, 794-805	64.1	458
1085	Soluble epoxide hydrolase regulates hydrolysis of vasoactive epoxyeicosatrienoic acids. <i>Circulation Research</i> , <b>2000</b> , 87, 992-8	15.7	396
1084	Epoxide hydrolases: mechanisms, inhibitor designs, and biological roles. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2005</b> , 45, 311-33	17.9	387
1083	Soluble epoxide hydrolase is a therapeutic target for acute inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 9772-7	11.5	373
1082	Impact of soluble epoxide hydrolase and epoxyeicosanoids on human health. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2013</b> , 53, 37-58	17.9	345
1081	Soluble epoxide hydrolase inhibition lowers arterial blood pressure in angiotensin II hypertension. <i>Hypertension</i> , <b>2002</b> , 39, 690-4	8.5	345
1080	Epoxide hydrolases: their roles and interactions with lipid metabolism. <i>Progress in Lipid Research</i> , <b>2005</b> , 44, 1-51	14.3	337
1079	In vitro biologic activities of the antimicrobials triclocarban, its analogs, and triclosan in bioassay screens: receptor-based bioassay screens. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 1203-10	8.4	276
1078	A rapid assay for insect juvenile hormone esterase activity. <i>Analytical Biochemistry</i> , <b>1977</b> , 82, 573-9	3.1	267
1077	Quantitative profiling method for oxylipin metabolome by liquid chromatography electrospray ionization tandem mass spectrometry. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 8085-93	7.8	260
1076	Bioactivation of leukotoxins to their toxic diols by epoxide hydrolase. <i>Nature Medicine</i> , <b>1997</b> , 3, 562-6	50.5	244
1075	The antiinflammatory effect of laminar flow: the role of PPARgamma, epoxyeicosatrienoic acids, and soluble epoxide hydrolase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 16747-52	11.5	237
1074	Metabolomics: building on a century of biochemistry to guide human health. <i>Metabolomics</i> , <b>2005</b> , 1, 3-9	4.7	232
1073	Enhanced postischemic functional recovery in CYP2J2 transgenic hearts involves mitochondrial ATP-sensitive K <sup>+</sup> channels and p42/p44 MAPK pathway. <i>Circulation Research</i> , <b>2004</b> , 95, 506-14	15.7	231
1072	Epoxy metabolites of docosahexaenoic acid (DHA) inhibit angiogenesis, tumor growth, and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 6530-5	11.5	221
1071	Inflammatory lipid mediators in adipocyte function and obesity. <i>Nature Reviews Endocrinology</i> , <b>2010</b> , 6, 71-82	15.2	209

1070	Epoxyeicosanoids stimulate multiorgan metastasis and tumor dormancy escape in mice. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 178-91	15.9	208
1069	An orally active epoxide hydrolase inhibitor lowers blood pressure and provides renal protection in salt-sensitive hypertension. <i>Hypertension</i> , <b>2005</b> , 46, 975-81	8.5	205
1068	Orally bioavailable potent soluble epoxide hydrolase inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 3825-40	8.3	195
1067	Prevention and reversal of cardiac hypertrophy by soluble epoxide hydrolase inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 18733-8	11.5	192
1066	Microarray immunoassay for phenoxybenzoic acid using polymer encapsulated Eu:Gd <sub>2</sub> O <sub>3</sub> nanoparticles as fluorescent labels. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 6864-73	7.8	188
1065	Expression and effects of the juvenile hormone esterase in a baculovirus vector. <i>Nature</i> , <b>1990</b> , 344, 458-464	4.6	188
1064	Hapten synthesis, antibody development, and competitive inhibition enzyme immunoassay for s-triazine herbicides. <i>Journal of Agricultural and Food Chemistry</i> , <b>1990</b> , 38, 990-996	5.7	187
1063	Antiandrogenic properties of parabens and other phenolic containing small molecules in personal care products. <i>Toxicology and Applied Pharmacology</i> , <b>2007</b> , 221, 278-84	4.6	184
1062	Naturally occurring monoepoxides of eicosapentaenoic acid and docosahexaenoic acid are bioactive antihyperalgesic lipids. <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 3481-90	6.3	182
1061	Triclocarban enhances testosterone action: a new type of endocrine disruptor?. <i>Endocrinology</i> , <b>2008</b> , 149, 1173-9	4.8	178
1060	Occurrence of endocrine-disrupting chemicals in indoor dust. <i>Science of the Total Environment</i> , <b>2008</b> , 404, 26-35	10.2	175
1059	Development of recombinant baculoviruses for insect control. <i>Annual Review of Entomology</i> , <b>1996</b> , 41, 191-210	21.8	170
1058	Soluble epoxide hydrolase inhibition reveals novel biological functions of epoxyeicosatrienoic acids (EETs). <i>Prostaglandins and Other Lipid Mediators</i> , <b>2007</b> , 82, 42-9	3.7	168
1057	The soluble epoxide hydrolase encoded by EPXH2 is a bifunctional enzyme with novel lipid phosphate phosphatase activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 1558-63	11.5	168
1056	Radiometric assays for mammalian epoxide hydrolases and glutathione S-transferase. <i>Analytical Biochemistry</i> , <b>1983</b> , 131, 273-82	3.1	167
1055	Pathways of epoxyeicosatrienoic acid metabolism in endothelial cells. Implications for the vascular effects of soluble epoxide hydrolase inhibition. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 14867-74	5.4	166
1054	Discovery of inhibitors of soluble epoxide hydrolase: a target with multiple potential therapeutic indications. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 1789-808	8.3	165
1053	Soluble epoxide hydrolase: a novel therapeutic target in stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2007</b> , 27, 1931-40	7.3	163

1052	Role of soluble epoxide hydrolase in postischemic recovery of heart contractile function. <i>Circulation Research</i> , <b>2006</b> , 99, 442-50	15.7	161
1051	Structural refinement of inhibitors of urea-based soluble epoxide hydrolases. <i>Biochemical Pharmacology</i> , <b>2002</b> , 63, 1599-608	6	156
1050	Enhancement of antinociception by coadministration of nonsteroidal anti-inflammatory drugs and soluble epoxide hydrolase inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 13646-51	11.5	155
1049	Soluble epoxide hydrolase is a main effector of angiotensin II-induced hypertension. <i>Hypertension</i> , <b>2005</b> , 45, 759-65	8.5	155
1048	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> , <b>2006</b> , 15, 1640-9	5.6	152
1047	Structure of human epoxide hydrolase reveals mechanistic inferences on bifunctional catalysis in epoxide and phosphate ester hydrolysis. <i>Biochemistry</i> , <b>2004</b> , 43, 4716-23	3.2	152
1046	Soluble epoxide hydrolase is a susceptibility factor for heart failure in a rat model of human disease. <i>Nature Genetics</i> , <b>2008</b> , 40, 529-37	36.3	147
1045	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> , <b>2006</b> , 290, H491-9	5.2	147
1044	Soluble epoxide hydrolase inhibition protects the kidney from hypertension-induced damage. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2004</b> , 15, 1244-53	12.7	147
1043	Inhibition of soluble epoxide hydrolase modulates inflammation and autophagy in obese adipose tissue and liver: role for omega-3 epoxides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 536-41	11.5	146
1042	Epoxyeicosatrienoic acids regulate Trp channel dependent Ca <sup>2+</sup> signaling and hyperpolarization in endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 2612-8	9.4	143
1041	Metabolic profiling of major vitamin D metabolites using Diels-Alder derivatization and ultra-performance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 391, 1917-30	4.4	142
1040	Attenuation of tobacco smoke-induced lung inflammation by treatment with a soluble epoxide hydrolase inhibitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 2186-91	11.5	141
1039	The commonly used antimicrobial additive triclosan is a liver tumor promoter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 17200-5	11.5	140
1038	Soluble epoxide hydrolase and epoxyeicosatrienoic acids modulate two distinct analgesic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 18901-6	11.5	139
1037	The soluble epoxide hydrolase as a pharmaceutical target for hypertension. <i>Journal of Cardiovascular Pharmacology</i> , <b>2007</b> , 50, 225-37	3.1	139
1036	Functionalized Europium Oxide Nanoparticles Used as a Fluorescent Label in an Immunoassay for Atrazine. <i>Analytical Chemistry</i> , <b>2003</b> , 75, 5282-5286	7.8	139
1035	Soluble epoxide hydrolase plays an essential role in angiotensin II-induced cardiac hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 564-9	11.5	138

1034	Soluble epoxide hydrolase as a therapeutic target for pain, inflammatory and neurodegenerative diseases. <i>Pharmacology &amp; Therapeutics</i> , <b>2017</b> , 180, 62-76	13.9	136
1033	Design, synthesis, and biological activity of 1,3-disubstituted ureas as potent inhibitors of the soluble epoxide hydrolase of increased water solubility. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 2110-22	8.3	136
1032	Angiotensin II up-regulates soluble epoxide hydrolase in vascular endothelium in vitro and in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 9018-23	11.5	134
1031	Polymorphisms in human soluble epoxide hydrolase. <i>Molecular Pharmacology</i> , <b>2003</b> , 64, 482-90	4.3	134
1030	Influence of the ELISA format and the hapten-enzyme conjugate on the sensitivity of an immunoassay for S-triazine herbicides using monoclonal antibodies. <i>Journal of Agricultural and Food Chemistry</i> , <b>1992</b> , 40, 525-530	5.7	133
1029	Soluble epoxide hydrolase: gene structure, expression and deletion. <i>Gene</i> , <b>2013</b> , 526, 61-74	3.8	132
1028	Distribution and properties of a mammalian soluble epoxide hydrase. <i>Biochemical Pharmacology</i> , <b>1980</b> , 29, 389-95	6	132
1027	Biochemical characterization of the human liver cytochrome P450 arachidonic acid epoxygenase pathway. <i>Archives of Biochemistry and Biophysics</i> , <b>1996</b> , 330, 87-96	4.1	131
1026	Differential induction of cytosolic epoxide hydrolase, microsomal epoxide hydrolase, and glutathione S-transferase activities. <i>Toxicology and Applied Pharmacology</i> , <b>1983</b> , 71, 254-65	4.6	131
1025	Insecticidal effects of an insect-specific neurotoxin expressed by a recombinant baculovirus. <i>Virology</i> , <b>1991</b> , 184, 777-80	3.6	129
1024	Sequence similarity of mammalian epoxide hydrolases to the bacterial haloalkane dehalogenase and other related proteins. Implication for the potential catalytic mechanism of enzymatic epoxide hydrolysis. <i>FEBS Letters</i> , <b>1994</b> , 338, 251-6	3.8	128
1023	Fluorescent substrates for soluble epoxide hydrolase and application to inhibition studies. <i>Analytical Biochemistry</i> , <b>2005</b> , 343, 66-75	3.1	127
1022	Substituted thiotrifluoropropanones as potent selective inhibitors of juvenile hormone esterase. <i>Pesticide Biochemistry and Physiology</i> , <b>1984</b> , 22, 209-223	4.9	125
1021	Synthesis and structure-activity relationship studies of urea-containing pyrazoles as dual inhibitors of cyclooxygenase-2 and soluble epoxide hydrolase. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 3037-50	8.3	122
1020	Inhibition of soluble epoxide hydrolase reduces LPS-induced thermal hyperalgesia and mechanical allodynia in a rat model of inflammatory pain. <i>Life Sciences</i> , <b>2006</b> , 79, 2311-9	6.8	121
1019	1-Aryl-3-(1-acylpiperidin-4-yl)urea inhibitors of human and murine soluble epoxide hydrolase: structure-activity relationships, pharmacokinetics, and reduction of inflammatory pain. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 7067-75	8.3	119
1018	One scorpion, two venoms: pre venom of <i>Parabuthus transvaalicus</i> acts as an alternative type of venom with distinct mechanism of action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 922-7	11.5	119
1017	Gene evolution of epoxide hydrolases and recommended nomenclature. <i>DNA and Cell Biology</i> , <b>1995</b> , 14, 61-71	3.6	119

1016	Triclosan impairs excitation-contraction coupling and Ca <sup>2+</sup> dynamics in striated muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 14158-63	11.5	116
1015	Compensatory mechanism for homeostatic blood pressure regulation in Ephx2 gene-disrupted mice. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 2891-8	5.4	116
1014	Soluble epoxide hydrolase deficiency alters pancreatic islet size and improves glucose homeostasis in a model of insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 9038-43	11.5	115
1013	The simultaneous quantification of cytochrome P450 dependent linoleate and arachidonate metabolites in urine by HPLC-MS/MS. <i>Journal of Lipid Research</i> , <b>2002</b> , 43, 1563-78	6.3	115
1012	Antibacterial colorants: characterization of prodiginines and their applications on textile materials. <i>Biotechnology Progress</i> , <b>2008</b> , 24, 742-7	2.8	114
1011	A baculovirus-encoded protein tyrosine phosphatase gene induces enhanced locomotory activity in a lepidopteran host. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 2584-9	11.5	113
1010	Stabilized epoxygenated fatty acids regulate inflammation, pain, angiogenesis and cancer. <i>Progress in Lipid Research</i> , <b>2014</b> , 53, 108-23	14.3	111
1009	Chalcone oxides--potent selective inhibitors of cytosolic epoxide hydrolase. <i>Archives of Biochemistry and Biophysics</i> , <b>1982</b> , 216, 423-39	4.1	111
1008	Endoplasmic reticulum stress in the peripheral nervous system is a significant driver of neuropathic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 9082-7	11.5	110
1007	Individual variability in esterase activity and CYP1A levels in Chinook salmon ( <i>Oncorhynchus tshawytscha</i> ) exposed to esfenvalerate and chlorpyrifos. <i>Aquatic Toxicology</i> , <b>2005</b> , 74, 172-92	5.1	110
1006	Haemolymph juvenile hormone esterase activity in synchronous last instar larvae of the cabbage looper, <i>Trichoplusia ni</i> . <i>Journal of Insect Physiology</i> , <b>1979</b> , 25, 125-132	2.4	110
1005	Soluble epoxide hydrolase gene deletion attenuates renal injury and inflammation with DOCA-salt hypertension. <i>American Journal of Physiology - Renal Physiology</i> , <b>2009</b> , 297, F740-8	4.3	109
1004	Synthesis of haptens for immunoassay of organophosphorus pesticides and effect of heterology in hapten spacer arm length on immunoassay sensitivity. <i>Analytica Chimica Acta</i> , <b>2003</b> , 475, 85-96	6.6	109
1003	Applications of carboxylesterase activity in environmental monitoring and toxicity identification evaluations (TIEs). <i>Reviews of Environmental Contamination and Toxicology</i> , <b>2008</b> , 195, 117-78	3.5	108
1002	Metabolomic profiling of regulatory lipid mediators in sputum from adult cystic fibrosis patients. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 53, 160-71	7.8	106
1001	An epoxide hydrolase inhibitor, 12-(3-adamantan-1-yl-ureido)dodecanoic acid (AUDA), reduces ischemic cerebral infarct size in stroke-prone spontaneously hypertensive rats. <i>Journal of Cardiovascular Pharmacology</i> , <b>2005</b> , 46, 842-8	3.1	106
1000	Synthesis and bio-functionalization of multifunctional magnetic Fe <sub>3</sub> O <sub>4</sub> @Y <sub>2</sub> O <sub>3</sub> :Eu nanocomposites. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 4695-4700		105
999	Recombinant baculoviruses for insect control. <i>Pest Management Science</i> , <b>2001</b> , 57, 981-7	4.6	105

998	The haemolymph juvenile hormone esterase of <i>Manduca sexta</i> (L.) Inhibition and regulation. <i>Insect Biochemistry</i> , <b>1983</b> , 13, 529-541		105
997	Inhibition of soluble epoxide hydrolase enhances the anti-inflammatory effects of aspirin and 5-lipoxygenase activation protein inhibitor in a murine model. <i>Biochemical Pharmacology</i> , <b>2010</b> , 79, 880-7		104
996	Soluble epoxide hydrolase inhibitors reduce the development of atherosclerosis in apolipoprotein e-knockout mouse model. <i>Journal of Cardiovascular Pharmacology</i> , <b>2008</b> , 52, 314-23	3.1	103
995	Epoxyeicosanoids promote organ and tissue regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 13528-33	11.5	102
994	Inflammation resolution: a dual-pronged approach to averting cytokine storms in COVID-19?. <i>Cancer and Metastasis Reviews</i> , <b>2020</b> , 39, 337-340	9.6	101
993	Immunochemical techniques for multianalyte analysis of chemical residues in food and the environment: A review. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2017</b> , 88, 25-40	14.6	100
992	Cytochrome P450 epoxygenase gene function in hypoxic pulmonary vasoconstriction and pulmonary vascular remodeling. <i>Hypertension</i> , <b>2006</b> , 47, 762-70	8.5	100
991	Inhibitors of soluble epoxide hydrolase attenuate vascular smooth muscle cell proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 2222-7	11.5	100
990	Gene deficiency and pharmacological inhibition of soluble epoxide hydrolase confers resilience to repeated social defeat stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E1944-52	11.5	99
989	Metabolic profiling of murine plasma reveals an unexpected biomarker in rofecoxib-mediated cardiovascular events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 17017-22	11.5	99
988	Competitive inhibition ELISA for the s-triazine herbicides: assay optimization and antibody characterization. <i>Journal of Agricultural and Food Chemistry</i> , <b>1991</b> , 39, 122-128	5.7	99
987	EB polyunsaturated fatty acids-derived lipid metabolites on angiogenesis, inflammation and cancer. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2014</b> , 113-115, 13-20	3.7	97
986	Epoxyeicosatrienoic acids and the soluble epoxide hydrolase are determinants of pulmonary artery pressure and the acute hypoxic pulmonary vasoconstrictor response. <i>FASEB Journal</i> , <b>2008</b> , 22, 4306-15	0.9	96
985	Characterization of pyrethroid hydrolysis by the human liver carboxylesterases hCE-1 and hCE-2. <i>Archives of Biochemistry and Biophysics</i> , <b>2006</b> , 445, 115-23	4.1	96
984	Development of an ELISA for the detection of the residues of the insecticide imidacloprid in agricultural and environmental samples. <i>Journal of Agricultural and Food Chemistry</i> , <b>2001</b> , 49, 2159-67	5.7	96
983	Use of immunochemical techniques for the analysis of pesticides. <i>Pest Management Science</i> , <b>1989</b> , 26, 303-317		96
982	Magnetic/luminescent core/shell particles synthesized by spray pyrolysis and their application in immunoassays with internal standard. <i>Nanotechnology</i> , <b>2007</b> , 18, 55102	3.4	95
981	Inhibition or deletion of soluble epoxide hydrolase prevents hyperglycemia, promotes insulin secretion, and reduces islet apoptosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2010</b> , 334, 430-8	4.7	94

980	Soluble epoxide inhibition is protective against cerebral ischemia via vascular and neural protection. <i>American Journal of Pathology</i> , <b>2009</b> , 174, 2086-95	5.8	93
979	The Photorhabdus Pir toxins are similar to a developmentally regulated insect protein but show no juvenile hormone esterase activity. <i>FEMS Microbiology Letters</i> , <b>2005</b> , 245, 47-52	2.9	93
978	Binding of alkylurea inhibitors to epoxide hydrolase implicates active site tyrosines in substrate activation. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 15265-70	5.4	92
977	HPLC-accelerator MS measurement of atrazine metabolites in human urine after dermal exposure. <i>Analytical Chemistry</i> , <b>1999</b> , 71, 3519-25	7.8	92
976	Comparative inhibition of the juvenile hormone esterases from <i>Trichoplusia ni</i> , <i>Tenebrio molitor</i> , and <i>Musca domestica</i> . <i>Pesticide Biochemistry and Physiology</i> , <b>1980</b> , 14, 290-302	4.9	92
975	Trifluoromethylketones as possible transition state analog inhibitors of juvenile hormone esterase. <i>Pesticide Biochemistry and Physiology</i> , <b>1982</b> , 17, 76-88	4.9	92
974	Optimization of amide-based inhibitors of soluble epoxide hydrolase with improved water solubility. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 3621-9	8.3	89
973	Cloning and expression of soluble epoxide hydrolase from potato. <i>Plant Journal</i> , <b>1994</b> , 6, 251-8	6.9	89
972	Investigation of human exposure to triclocarban after showering and preliminary evaluation of its biological effects. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 3109-15	10.3	88
971	Eu <sup>3+</sup> -doped Gd <sub>2</sub> O <sub>3</sub> nanoparticles as reporters for optical detection and visualization of antibodies patterned by microcontact printing. <i>Analytical and Bioanalytical Chemistry</i> , <b>2006</b> , 384, 631-7	4.4	88
970	Development of a green fluorescent protein-based cell bioassay for the rapid and inexpensive detection and characterization of ah receptor agonists. <i>Toxicological Sciences</i> , <b>2002</b> , 65, 200-10	4.4	88
969	Comparison of coating and immunizing antigen structure on the sensitivity and specificity of immunoassays for benzoylphenyl urea insecticides. <i>Journal of Agricultural and Food Chemistry</i> , <b>1984</b> , 32, 1294-1301	5.7	87
968	Inhibition of soluble epoxide hydrolase attenuates high-fat-diet-induced hepatic steatosis by reduced systemic inflammatory status in mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e39165	3.7	85
967	Vitamin D enhances corneal epithelial barrier function <b>2011</b> , 52, 7359-64		85
966	Hapten design for compound-selective antibodies: ELISAS for environmentally deleterious small molecules. <i>Analytica Chimica Acta</i> , <b>1998</b> , 376, 83-91	6.6	84
965	Human soluble epoxide hydrolase: structural basis of inhibition by 4-(3-cyclohexylureido)-carboxylic acids. <i>Protein Science</i> , <b>2006</b> , 15, 58-64	6.3	84
964	Leukotoxin-diol: a putative toxic mediator involved in acute respiratory distress syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2001</b> , 25, 434-8	5.7	84
963	Dendrogenin A arises from cholesterol and histamine metabolism and shows cell differentiation and anti-tumour properties. <i>Nature Communications</i> , <b>2013</b> , 4, 1840	17.4	83



962	Vitamin D intake needed to maintain target serum 25-hydroxyvitamin D concentrations in participants with low sun exposure and dark skin pigmentation is substantially higher than current recommendations. <i>Journal of Nutrition</i> , <b>2010</b> , 140, 542-50	4.1	83
961	Analgesia mediated by soluble epoxide hydrolase inhibitors is dependent on cAMP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 5093-7	11.5	83
960	The distribution of juvenile hormone esterase and its interrelationship with other proteins influencing juvenile hormone metabolism in the cabbage looper, <i>Trichoplusia ni</i> . <i>Insect Biochemistry</i> , <b>1981</b> , 11, 473-485		83
959	Soluble epoxide hydrolase deficiency or inhibition attenuates diet-induced endoplasmic reticulum stress in liver and adipose tissue. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 14189-14199	5.4	82
958	Genetically modified baculoviruses: a historical overview and future outlook. <i>Advances in Virus Research</i> , <b>2006</b> , 68, 323-60	10.7	82
957	PCB-induced oxidative stress in endothelial cells: modulation by nutrients. <i>International Journal of Hygiene and Environmental Health</i> , <b>2002</b> , 205, 95-102	6.9	82
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