

# Jun-Yan Liu

## List of Publications by Year in descending order

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78  
papers

3,692  
citations

117571

34  
h-index

133188

59  
g-index

84  
all docs

84  
docs citations

84  
times ranked

4191  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2013, 110, 6530-6535.	3.3	251
2	Orally Bioavailable Potent Soluble Epoxide Hydrolase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3825-3840.	2.9	221
3	In vitro anti- <i>Helicobacter pylori</i> action of 30 Chinese herbal medicines used to treat ulcer diseases. <i>Journal of Ethnopharmacology</i> , 2005, 98, 329-333.	2.0	198
4	Chaetominine, a Cytotoxic Alkaloid Produced by Endophytic <i>Chaetomium</i> sp. IFB-E015. <i>Organic Letters</i> , 2006, 8, 5709-5712.	2.4	181
5	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> , 2010, 53, 7067-7075.	2.9	148
6	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> , 2011, 54, 3037-3050.	2.9	148
7	<i>Aspergillus fumigatus</i> CY018, an endophytic fungus in <i>Cynodon dactylon</i> as a versatile producer of new and bioactive metabolites. <i>Journal of Biotechnology</i> , 2004, 114, 279-287.	1.9	132
8	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> , 2010, 107, 17017-17022.	3.3	116
9	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> , 2010, 79, 880-887.	2.0	115
10	Anti-inflammatory Effects of $\omega$ -3 Polyunsaturated Fatty Acids and Soluble Epoxide Hydrolase Inhibitors in Angiotensin-II-Dependent Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2013, 62, 285-297.	0.8	92
11	Pharmacokinetic optimization of four soluble epoxide hydrolase inhibitors for use in a murine model of inflammation. <i>British Journal of Pharmacology</i> , 2009, 156, 284-296.	2.7	87
12	Unique mechanistic insights into the beneficial effects of soluble epoxide hydrolase inhibitors in the prevention of cardiac fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5618-5623.	3.3	85
13	Dual inhibition of cyclooxygenase-2 and soluble epoxide hydrolase synergistically suppresses primary tumor growth and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11127-11132.	3.3	84
14	Beneficial effects of soluble epoxide hydrolase inhibitors in myocardial infarction model: Insight gained using metabolomic approaches. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 47, 835-845.	0.9	81
15	Optimized Inhibitors of Soluble Epoxide Hydrolase Improve in Vitro Target Residence Time and in Vivo Efficacy. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7016-7030.	2.9	81
16	<i>Fusobacterium Nucleatum</i> Promotes the Development of Colorectal Cancer by Activating a Cytochrome P450/Epoxyoctadecenoic Acid Axis via TLR4/Keap1/NRF2 Signaling. <i>Cancer Research</i> , 2021, 81, 4485-4498.	0.4	75
17	Design, Synthesis, Antifungal, and Antioxidant Activities of (E)-6-((2-Phenylhydrazono)methyl)quinoxaline Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 9637-9643.	2.4	74
18	Sorafenib has soluble epoxide hydrolase inhibitory activity, which contributes to its effect profile in vivo. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 2193-2203.	1.9	72

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19	Anti-Helicobacter pylori metabolites from Rhizoctonia sp. Cy064, an endophytic fungus in Cynodon dactylon. <i>FÄ-toterapÄ-Äç</i> , 2004, 75, 451-456.	1.1	66
20	Soluble Epoxide Hydrolase Inhibitors and Heart Failure. <i>Cardiovascular Therapeutics</i> , 2011, 29, 99-111.	1.1	63
21	Substituted phenyl groups improve the pharmacokinetic profile and anti-inflammatory effect of urea-based soluble epoxide hydrolase inhibitors in murine models. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 619-627.	1.9	62
22	Pinelloside, an antimicrobial cerebroside from <i>Pinellia ternata</i> . <i>Phytochemistry</i> , 2003, 64, 903-906.	1.4	59
23	Structural Revision of Aspernigrin A, Reisolated from <i>Cladosporium herbarum</i> IFB-E002. <i>Journal of Natural Products</i> , 2005, 68, 1106-1108.	1.5	59
24	Lipidomic profiling reveals soluble epoxide hydrolase as a therapeutic target of obesity-induced colonic inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5283-5288.	3.3	59
25	Antifungal and new metabolites of <i>Myrothecium</i> sp. Z16, a fungus associated with white croaker <i>Argyrosomus argentatus</i> . <i>Journal of Applied Microbiology</i> , 2006, 100, 195-202.	1.4	50
26	Anti-Helicobacter pylori substances from endophytic fungal cultures. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 553-558.	1.7	48
27	Use of Metabolomic Profiling in the Study of Arachidonic Acid Metabolism in Cardiovascular Disease. <i>Congestive Heart Failure</i> , 2011, 17, 42-46.	2.0	48
28	Soluble Epoxide Hydrolase Inhibitor Attenuates Inflammation and Airway Hyperresponsiveness in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 46-55.	1.4	45
29	Epoxide metabolites of arachidonate and docosahexaenoate function conversely in acute kidney injury involved in GSK3 $\beta$ signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12608-12613.	3.3	45
30	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.	0.4	45
31	Neoverataline A and B, two antifungal alkaloids with a novel carbon skeleton from <i>Veratrum taliense</i> . <i>Tetrahedron</i> , 2003, 59, 5743-5747.	1.0	42
32	Flavipin in <i>Chaetomium globosum</i> CDW7, an endophytic fungus from <i>Ginkgo biloba</i> , contributes to antioxidant activity. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 7131-7139.	1.7	42
33	Fumigaclavine C improves concanavalin A-induced liver injury in mice mainly via inhibiting TNF- $\alpha$ production and lymphocyte adhesion to extracellular matrices. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 56, 775-782.	1.2	41
34	Anti-phytopathogenic activity of sporothriolide, a metabolite from endophyte <i>Nodulisporium</i> sp. A21 in <i>Ginkgo biloba</i> . <i>Pesticide Biochemistry and Physiology</i> , 2016, 129, 7-13.	1.6	37
35	Title is missing!. <i>Helvetica Chimica Acta</i> , 2002, 85, 2664-2667.	1.0	36
36	Inhibition of soluble epoxide hydrolase attenuates a high-fat diet-mediated renal injury by activating PAX2 and AMPK. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5154-5159.	3.3	33

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37	Anti-inflammatory treatment with a soluble epoxide hydrolase inhibitor attenuates seizures and epilepsy-associated depression in the LiCl-pilocarpine post-status epilepticus rat model. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 535-544.	2.0	30
38	Incorporation of Piperazino Functionality into 1,3-Disubstituted Urea as the Tertiary Pharmacophore Affording Potent Inhibitors of Soluble Epoxide Hydrolase with Improved Pharmacokinetic Properties. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8376-8386.	2.9	27
39	Juvenile Hormone (JH) Esterase of the Mosquito <i>Culex quinquefasciatus</i> Is Not a Target of the JH Analog Insecticide Methoprene. <i>PLoS ONE</i> , 2011, 6, e28392.	1.1	26
40	Cardiac-generated prostanoids mediate cardiac myocyte apoptosis after myocardial ischaemia. <i>Cardiovascular Research</i> , 2012, 95, 336-345.	1.8	26
41	New Resveratrol Oligomers from the Stem Bark of <i>Hopea hainanensis</i> . <i>Helvetica Chimica Acta</i> , 2005, 88, 2910-2917.	1.0	25
42	Biotransformation of soybean isoflavones by a marine <i>Streptomyces</i> sp. 060524 and cytotoxicity of the products. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 115-121.	1.7	25
43	Plasma profiling of amino acids distinguishes acute gout from asymptomatic hyperuricemia. <i>Amino Acids</i> , 2018, 50, 1539-1548.	1.2	25
44	The Functions of Cytochrome P450 $\omega$ -hydroxylases and the Associated Eicosanoids in Inflammation-Related Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 716801.	1.6	25
45	The anti-inflammatory effects of soluble epoxide hydrolase inhibitors are independent of leukocyte recruitment. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 494-500.	1.0	24
46	Inhibition of Soluble Epoxide Hydrolase for Renal Health. <i>Frontiers in Pharmacology</i> , 2018, 9, 1551.	1.6	23
47	A sensitive and accurate method to simultaneously measure uric acid and creatinine in human saliva by using LC-MS/MS. <i>Bioanalysis</i> , 2017, 9, 1751-1760.	0.6	22
48	A novel antimicrobial substance produced by <i>Lactobacillus rhamnosus</i> LS8. <i>Food Control</i> , 2017, 73, 754-760.	2.8	22
49	Inhibition of soluble epoxide hydrolase contributes to the anti-inflammatory effect of antimicrobial triclocarban in a murine model. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 200-206.	1.3	21
50	Metabolic profiling of human plasma reveals the activation of 5-lipoxygenase in the acute attack of gouty arthritis. <i>Rheumatology</i> , 2019, 58, 345-351.	0.9	21
51	Leptosphaeric Acid, a Metabolite with a Novel Carbon Skeleton from <i>Leptosphaeria</i> sp. IV403, an Endophytic Fungus in <i>Artemisia annua</i> . <i>Helvetica Chimica Acta</i> , 2003, 86, 657-660.	1.0	19
52	The Volume Ratio of Ground Glass Opacity in Early Lung CT Predicts Mortality in Acute Paraquat Poisoning. <i>PLoS ONE</i> , 2015, 10, e0121691.	1.1	18
53	Higher BMP Expression in Tendon Stem/Progenitor Cells Contributes to the Increased Heterotopic Ossification in Achilles Tendon With Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 570605.	1.8	18
54	Comparison of Retzius-sparing and conventional robot-assisted laparoscopic radical prostatectomy regarding continence and sexual function: an updated meta-analysis. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 47-54.	2.0	17

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55	Metabolomics analysis of human plasma reveals decreased production of trimethylamine N-oxide retards the progression of chronic kidney disease. <i>British Journal of Pharmacology</i> , 2022, 179, 4344-4359.	2.7	15
56	In vitro and in vivo metabolism of N-adamantyl substituted urea-based soluble epoxide hydrolase inhibitors. <i>Biochemical Pharmacology</i> , 2015, 98, 718-731.	2.0	14
57	Biological evaluation of a novel sorafenib analogue, t-CUPM. <i>Cancer Chemotherapy and Pharmacology</i> , 2015, 75, 161-171.	1.1	14
58	Inhibition of Chronic Pancreatitis and Murine Pancreatic Intraepithelial Neoplasia by a Dual Inhibitor of c-RAF and Soluble Epoxide Hydrolase in LSL-KrasG12D/Pdx-1-Cre Mice. <i>Anticancer Research</i> , 2016, 36, 27-37.	0.5	14
59	Preparation of 20-HETE using multifunctional enzyme type 2-negative <i>Starmerella bombicola</i> . <i>Journal of Lipid Research</i> , 2013, 54, 3215-3219.	2.0	12
60	Inhibition of mutant KrasG12D -initiated murine pancreatic carcinoma growth by a dual c-Raf and soluble epoxide hydrolase inhibitor t-CUPM. <i>Cancer Letters</i> , 2016, 371, 187-193.	3.2	12
61	Oxylipin profiling of human plasma reflects the renal dysfunction in uremic patients. <i>Metabolomics</i> , 2018, 14, 104.	1.4	11
62	Pleiotropic Functions of Cytochrome P450 Monooxygenase-Derived Eicosanoids in Cancer. <i>Frontiers in Pharmacology</i> , 2020, 11, 580897.	1.6	11
63	Biologically active ester derivatives as potent inhibitors of the soluble epoxide hydrolase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5889-5892.	1.0	10
64	N-Benzyl-linoleamide, a Constituent of <i>Lepidium meyenii</i> (Maca), Is an Orally Bioavailable Soluble Epoxide Hydrolase Inhibitor That Alleviates Inflammatory Pain. <i>Journal of Natural Products</i> , 2020, 83, 3689-3697.	1.5	9
65	Development of pyrethroid-like fluorescent substrates for glutathione S-transferase. <i>Analytical Biochemistry</i> , 2012, 431, 77-83.	1.1	8
66	Screening of soluble epoxide hydrolase inhibitory ingredients from traditional Chinese medicines for anti-inflammatory use. <i>Journal of Ethnopharmacology</i> , 2016, 194, 475-482.	2.0	8
67	Ornithine is a key mediator in hyperphosphatemia-mediated human umbilical vein endothelial cell apoptosis: Insights gained from metabolomics. <i>Life Sciences</i> , 2016, 146, 73-80.	2.0	6
68	Identification and characterization of isocitrate dehydrogenase 1 (IDH1) as a functional target of marine natural product grincamycin B. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 801-813.	2.8	5
69	A retrospective analysis reveals a predictor of survival for the patient with paraquat intoxication. <i>Clinica Chimica Acta</i> , 2020, 511, 269-277.	0.5	4
70	A retrospective cross-sectional study of the associated factors of hyperuricemia in patients with chronic kidney disease. <i>Journal of International Medical Research</i> , 2020, 48, 030006052091922.	0.4	1
71	Substituted phenyl groups improve the pharmacokinetic profile of urea-based soluble epoxide hydrolase inhibitors. <i>FASEB Journal</i> , 2012, 26, 849.1.	0.2	1
72	Soluble Epoxide Hydrolase Is A Novel Therapeutic Target In Asthma By Modulating The Inflammatory Response. , 2010, , .		0

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73	Soluble Epoxide Hydrolase Inhibitor Attenuates The Ovalbumin-Induced Murine Asthmatic Symptoms. , 2012, , .		0
74	Epoxygenated fatty acid profile and soluble epoxide hydrolase (sEH) activity in healthy and laminitic horses. Journal of Equine Veterinary Science, 2013, 33, 868.	0.4	0
75	Synthesis and biological evaluation of soluble epoxide hydrolase (sEH) inhibitors: tã€AUCB and its derivatives. FASEB Journal, 2008, 22, 479.11.	0.2	0
76	Pharmacokinetic studies of four novel soluble epoxide hydrolase (sEH) inhibitors and antiã€inflammatory efficacy of the most promising one tã€AUCB. FASEB Journal, 2008, 22, 479.24.	0.2	0
77	Lipidomic Profiling Reveals Soluble Epoxide Hydrolase As a Therapeutic Target of Obesityã€induced Colonic Inflammation. FASEB Journal, 2018, 32, 560.1.	0.2	0
78	Inhibition of soluble epoxide hydrolase attenuates the kidney injury caused by ischemia/reperfusion in a murine model of acute kidney injury involved in GSKã€3ã€² phosphorylation. FASEB Journal, 2018, 32, 561.11.	0.2	0