Cheng-Peng Sun

List of Publications by Year
in descending order

91	2,028	257450 24	315739 38
papers	citations	h-index	g-index

95	95	95	1935
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular Design Strategy to Construct the Near-Infrared Fluorescent Probe for Selectively Sensing Human Cytochrome P450 2J2. Journal of the American Chemical Society, 2019, 141, 1126-1134.	13.7	141
2	Human transporters, <scp>PEPT</scp>1/2, facilitate melatonin transportation into mitochondria of cancer cells: An implication of the therapeutic potential. Journal of Pineal Research, 2017, 62, e12390.	7.4	107
3	Antiproliferative and Anti-inflammatory Withanolides from Physalis angulata. Journal of Natural Products, 2016, 79, 1586-1597.	3.0	72
4	Highly Specific near-Infrared Fluorescent Probe for the Real-Time Detection of Î²-Glucuronidase in Various Living Cells and Animals. Analytical Chemistry, 2018, 90, 3276-3283.	6.5	59
5	ent-Abietane and Tigliane Diterpenoids from the Roots of Euphorbia fischeriana and Their Inhibitory Effects against Mycobacterium smegmatis. Journal of Natural Products, 2017, 80, 1248-1254.	3.0	58
6	Alantolactone, a natural sesquiterpene lactone, has potent antitumor activity against glioblastoma by targeting IKKÎ² kinase activity and interrupting NF-Î¹ºB/COX-2-mediated signaling cascades. Journal of Experimental and Clinical Cancer Research, 2017, 36, 93.	8.6	51
7	Discovery of Soluble Epoxide Hydrolase Inhibitors from Chemical Synthesis and Natural Products. Journal of Medicinal Chemistry, 2021, 64, 184-215.	6.4	50
8	Drug interaction study of flavonoids toward CYP3A4 and their quantitative structure activity relationship (QSAR) analysis for predicting potential effects. Toxicology Letters, 2018, 294, 27-36.	0.8	47
9	Activatable Near-Infrared Fluorescent Probe for Dipeptidyl Peptidase IV and Its Bioimaging Applications in Living Cells and Animals. Analytical Chemistry, 2018, 90, 3965-3973.	6.5	45
10	Indole diterpenoids from the endophytic fungus Drechmeria sp. as natural antimicrobial agents. Phytochemistry, 2018, 148, 21-28.	2.9	44
11	Isolation of Î³-Glutamyl-Transferase Rich-Bacteria from Mouse Gut by a Near-Infrared Fluorescent Probe with Large Stokes Shift. Analytical Chemistry, 2018, 90, 9921-9928.	6.5	44
12	Uncaria rhynchophylla Ameliorates Parkinsonâ€™s Disease by Inhibiting HSP90 Expression: Insights from Quantitative Proteomics. Cellular Physiology and Biochemistry, 2018, 47, 1453-1464.	1.6	40
13	A highly sensitive and selective two-photon fluorescent probe for real-time sensing of cytochrome P450 1A1 in living systems. Materials Chemistry Frontiers, 2018, 2, 2013-2020.	5.9	38
14	Kurarinone alleviated Parkinson's disease via stabilization of epoxyeicosatrienoic acids in animal model. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	37
15	The study of inhibitory effect of natural flavonoids toward Î²-glucuronidase and interaction of flavonoids with Î²-glucuronidase. International Journal of Biological Macromolecules, 2020, 143, 349-358.	7.5	35
16	Alismanin A, a Triterpenoid with a C₃₄ Skeleton from Alisma orientale as a Natural Agonist of Human Pregnane X Receptor. Organic Letters, 2017, 19, 5645-5648.	4.6	34
17	Physalins V-IX, 16,24-cyclo-13,14-seco withanolides from Physalis angulata and their antiproliferative and anti-inflammatory activities. Scientific Reports, 2017, 7, 4057.	3.3	34
18	Heterodimeric Diterpenoids Isolated from Euphorbia ebracteolata Roots and Their Inhibitory Effects on Î±-Glucosidase. Journal of Natural Products, 2017, 80, 3218-3223.	3.0	33

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19	Uncarialins Aâ€“I, Monoterpenoid Indole Alkaloids from Uncaria rhynchophylla as Natural Agonists of the 5-HT_{1A} Receptor. Journal of Natural Products, 2019, 82, 3302-3310.	3.0	33
20	Alisma orientale extract exerts the reversing cholestasis effect by activation of farnesoid X receptor. Phytomedicine, 2018, 42, 34-42.	5.3	32
21	Phytochemical constituents from Uncaria rhynchophylla in human carboxylesterase 2 inhibition: Kinetics and interaction mechanism merged with docking simulations. Phytomedicine, 2018, 51, 120-127.	5.3	27
22	Sesquiterpenes and triterpenoids from the rhizomes of Alisma orientalis and their pancreatic lipase inhibitory activities. Phytochemistry Letters, 2017, 19, 83-88.	1.2	25
23	Phytochemical constituents from Scutellaria baicalensis in soluble epoxide hydrolase inhibition: Kinetics and interaction mechanism merged with simulations. International Journal of Biological Macromolecules, 2019, 133, 1187-1193.	7.5	25
24	Gambogic acid attenuates liver fibrosis by inhibiting the PI3K/AKT and MAPK signaling pathways via inhibiting HSP90. Toxicology and Applied Pharmacology, 2019, 371, 63-73.	2.8	25
25	Protostane-type triterpenoids as natural soluble epoxide hydrolase inhibitors: Inhibition potentials and molecular dynamics. Bioorganic Chemistry, 2020, 96, 103637.	4.1	25
26	Unprecedented 22,26-seco physalins from Physalis angulata and their anti-inflammatory potential. Organic and Biomolecular Chemistry, 2017, 15, 8700-8704.	2.8	24
27	Diterpenoids from the roots of Euphorbia ebracteolata and their anti-tuberculosis effects. Bioorganic Chemistry, 2018, 77, 471-477.	4.1	24
28	A natural inhibitor from Alisma orientale against human carboxylesterase 2: Kinetics, circular dichroism spectroscopic analysis, and docking simulation. International Journal of Biological Macromolecules, 2019, 133, 184-189.	7.5	24
29	Natural sesquiterpenoid oligomers: A chemical perspective. European Journal of Medicinal Chemistry, 2020, 203, 112622.	5.5	24
30	Highly potent non-steroidal FXR agonists protostane-type triterpenoids: Structure-activity relationship and mechanism. European Journal of Medicinal Chemistry, 2019, 182, 111652.	5.5	23
31	Inhibition of sEH via stabilizing the level of EETs alleviated Alzheimer's disease through GSK3Î² signaling pathway. Food and Chemical Toxicology, 2021, 156, 112516.	3.6	23
32	Novel protostane-type triterpenoids with inhibitory human carboxylesterase 2 activities. RSC Advances, 2017, 7, 28702-28710.	3.6	22
33	Inula japonica ameliorated bleomycin-induced pulmonary fibrosis via inhibiting soluble epoxide hydrolase. Bioorganic Chemistry, 2020, 102, 104065.	4.1	22
34	Evaluation of chiral separation based on bovine serum albuminâ€“conjugated carbon nanotubes as stationary phase in capillary electrochromatography. Electrophoresis, 2020, 41, 1253-1260.	2.4	22
35	A novel withanolide with an unprecedented carbon skeleton from Physalis angulata. Organic and Biomolecular Chemistry, 2017, 15, 1110-1114.	2.8	21
36	Two new protostane-type triterpenoids from Alisma orientalis. Natural Product Research, 2018, 32, 189-194.	1.8	21

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37	The genus Uncaria: A review on phytochemical metabolites and biological aspects. FÃ¬toterapÃ¬Ã¢, 2020, 147, 104772.	2.2	21
38	A highly selective near infrared fluorescent probe for carboxylesterase 2 and its biological applications. Journal of Materials Chemistry B, 2021, 9, 2457-2461.	5.8	21
39	Recent advances in chemistry and bioactivity of Sargentodoxa cuneata. Journal of Ethnopharmacology, 2021, 270, 113840.	4.1	21
40	Comparative pharmacokinetic study of baicalin and its metabolites after oral administration of baicalin and Chaiqin Qingning capsule in normal and febrile rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1059, 14-20.	2.3	19
41	Alismanoid A, an unprecedented 1,2-seco bisabolene from Alisma orientale, and its protective activity against H₂O₂-induced damage in SH-SY5Y cells. New Journal of Chemistry, 2017, 41, 12664-12670.	2.8	19
42	Drechmerin H, a novel 1(2), 2(18)-diseco indole diterpenoid from the fungus Drechmeria sp. as a natural agonist of human pregnane X receptor. Bioorganic Chemistry, 2018, 79, 250-256.	4.1	19
43	Natural soluble epoxide hydrolase inhibitors from Inula helenium and their interactions with soluble epoxide hydrolase. International Journal of Biological Macromolecules, 2020, 158, 1362-1368.	7.5	19
44	Correlation analysis between the chemical contents and bioactivity for the quality control of Alismatis Rhizoma. Acta Pharmaceutica Sinica B, 2018, 8, 242-251.	12.0	18
45	Uncaria rhynchophylla ameliorates unpredictable chronic mild stress-induced depression in mice via activating 5-HT1A receptor: Insights from transcriptomics. Phytomedicine, 2021, 81, 153436.	5.3	18
46	Medicinal Inula Species: Phytochemistry, Biosynthesis, and Bioactivities. The American Journal of Chinese Medicine, 2021, 49, 315-358.	3.8	18
47	Xylarianins A-D from the endophytic fungus Xylaria sp. SYPF 8246 as natural inhibitors of human carboxylesterase 2. Bioorganic Chemistry, 2018, 81, 350-355.	4.1	17
48	Flavonoids as human carboxylesterase 2 inhibitors: Inhibition potentials and molecular docking simulations. International Journal of Biological Macromolecules, 2019, 131, 201-208.	7.5	17
49	A new phenol glycoside from Physalis angulata. Natural Product Research, 2017, 31, 1059-1065.	1.8	16
50	Recent studies on terpenoids in Aspergillus fungi: Chemical diversity, biosynthesis, and bioactivity. Phytochemistry, 2022, 193, 113011.	2.9	16
51	Phenolic acids from Balanophora involucrata and their bioactivities. FÃ¬toterapÃ¬Ã¢, 2017, 121, 129-135.	2.2	15
52	Anti-inflammatory labdane-type diterpenoids from Physalis angulata. RSC Advances, 2016, 6, 76838-76847.	3.6	14
53	Chemical constituents from Alisma plantago-aquatica subsp. orientale (Sam.) Sam and their anti-inflammatory and antioxidant activities. Natural Product Research, 2018, 32, 2749-2755.	1.8	14
54	Natural soluble epoxide hydrolase inhibitors from Alisma orientale and their potential mechanism with soluble epoxide hydrolase. International Journal of Biological Macromolecules, 2021, 183, 811-817.	7.5	14

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55	Natural soluble epoxide hydrolase inhibitors from Inula britanica and their potential interactions with soluble epoxide hydrolase: Insight from inhibition kinetics and molecular dynamics. Chemico-Biological Interactions, 2021, 345, 109571.	4.0	14
56	Dehydrocostus lactone, a natural sesquiterpene lactone, suppresses the biological characteristics of glioma, through inhibition of the NF-Î²B/COX-2 signaling pathway by targeting IKKÎ². American Journal of Cancer Research, 2017, 7, 1270-1284.	1.4	14
57	Phenolic glycosides and monoterpenoids from the roots of Euphorbia ebracteolata and their bioactivities. FÃ¬toterapÃ¬Ã¢, 2017, 121, 175-182.	2.2	13
58	Demethylbellidifolin isolated from Swertia bimaculate against human carboxylesterase 2: Kinetics and interaction mechanism merged with docking simulations. Bioorganic Chemistry, 2019, 90, 103101.	4.1	13
59	Alisma genus: Phytochemical constituents, biosynthesis, and biological activities. Phytotherapy Research, 2021, 35, 1872-1886.	5.8	13
60	Amentoflavone from Selaginella tamariscina as a potent inhibitor of gut bacterial Î²-glucuronidase: Inhibition kinetics and molecular dynamics stimulation. Chemico-Biological Interactions, 2021, 340, 109453.	4.0	13
61	In vitro phase I metabolism of gamabufotalin and arenobufagin: Reveal the effect of substituent group on metabolic stability. FÃ¬toterapÃ¬Ã¢, 2017, 121, 38-45.	2.2	12
62	Bisfischoids A and B, dimeric ent-abietane-type diterpenoids with anti-inflammatory potential from Euphorbia fischeriana Steud.. Bioorganic Chemistry, 2021, 116, 105356.	4.1	12
63	Organic anion transporter 3 (OAT3)-mediated transport of dicaffeoylquinic acids and prediction of potential drug-drug interaction. European Journal of Pharmaceutical Sciences, 2019, 133, 95-103.	4.0	11
64	Identification, semisynthesis, and anti-inflammatory evaluation of 2,3-seco-clavine-type ergot alkaloids from human intestinal fungus Aspergillus fumigatus CY018. European Journal of Medicinal Chemistry, 2021, 224, 113731.	5.5	11
65	A highly selective fluorescent probe for detecting glutathione transferases to reveal anticancer-activity sensitivity of cisplatin in cancer cells and tumor tissues. Sensors and Actuators B: Chemical, 2018, 277, 423-430.	7.8	10
66	The inhibition effect of uncarialin A on voltage-dependent L-type calcium channel subunit alpha-1C: Inhibition potential and molecular stimulation. International Journal of Biological Macromolecules, 2020, 159, 1022-1030.	7.5	10
67	Phenylpropanoid amides from Alisma orientalis and their protective effects against H 2 O 2 -induced damage in SH-SY5Y cells. Phytochemistry Letters, 2017, 21, 46-50.	1.2	9
68	An indole diterpenoid isolated from the fungus Drechmeria sp. and its antimicrobial activity. Natural Product Research, 2019, 33, 2770-2776.	1.8	9
69	Investigation of the inhibitory effect of protostanes on human carboxylesterase 2 and their interaction: Inhibition kinetics and molecular stimulations. International Journal of Biological Macromolecules, 2021, 167, 1262-1272.	7.5	9
70	Octacyclic and decacyclic entâ€‘abietane dimers with cytotoxic activity from Euphorbia fischeriana steud.. Chinese Chemical Letters, 2022, 33, 4261-4263.	9.0	8
71	Cytotoxic diterpenoid dimer containing an intricately caged core from Euphorbia fischeriana. Bioorganic Chemistry, 2022, 123, 105759.	4.1	8
72	Biotransformation of capsaicin by Penicillium janthinellum AS 3.510. Phytochemistry Letters, 2017, 19, 210-214.	1.2	7

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73	Ebracpenes A and B, Unusual Ring C-seco and Ring D-aromatic Nor-Triterpenoids, from Euphorbia ebracteolata and Lipase Inhibitory Evaluation. Journal of Organic Chemistry, 2019, 84, 1624-1629.	3.2	7
74	Association of SOX11 Polymorphisms in distal 3â€²UTR with Susceptibility for Schizophrenia. Journal of Clinical Laboratory Analysis, 2020, 34, e23306.	2.1	7
75	A novel 15-spiro diterpenoid dimer from Andrographis paniculata with inhibitory potential against human carboxylesterase 2. Bioorganic Chemistry, 2020, 97, 103680.	4.1	7
76	Discovery of New Iridoids as Farnesoid X Receptor Agonists from Morinda officinalis: Agonistic Potentials and Molecular Stimulation. Chinese Journal of Chemistry, 2021, 39, 1288-1296.	4.9	7
77	Uncarialins Jâ€”M from Uncaria rhynchophylla and Their Antiâ€depression Mechanism in Unpredictable Chronic Mild <scp>Stressâ€Induced</scp> Mice via Activating <scp>5â€HT_{1A}</scp> Receptor. Chinese Journal of Chemistry, 2021, 39, 1331-1343.	4.9	7
78	Antioxidant acetophenone glycosides from the roots of Euphorbia ebracteolata Hayata. Natural Product Research, 2018, 32, 2187-2192.	1.8	6
79	A bioactive new protostane-type triterpenoid from Alisma plantago-aquatica subsp. orientale (Sam.) Sam.. Natural Product Research, 2019, 33, 776-781.	1.8	6
80	Regioselective hydroxylation of carbendazim by mammalian cytochrome P450: A combined experimental and computational study. Environmental Pollution, 2022, 293, 118523.	7.5	6
81	Unprecedented diterpenoid dimers with soluble epoxide hydrolase inhibitory effect from Euphorbia fischeriana. Organic and Biomolecular Chemistry, 2022, 20, 2508-2517.	2.8	6
82	Potent Inhibition of Human Cytochrome P450 3A4 by Biflavone Components from Ginkgo Biloba and Selaginella Tamariscina. Frontiers in Pharmacology, 2022, 13, 856784.	3.5	6
83	Oxidative coupling of coumarins catalyzed by laccase. International Journal of Biological Macromolecules, 2019, 135, 1028-1033.	7.5	5
84	Î²â€Glucuronidaseâ€and <scp>OATP2B1</scp>â€mediated drug interaction of scutellarin in Dengzhan Xixin Injection: A formulation aspect. Drug Development Research, 2020, 81, 609-619.	2.9	5
85	Inhibition of gut bacterial Î²-glucuronidase by chemical components from black tea: Inhibition interactions and molecular mechanism. Arabian Journal of Chemistry, 2021, 14, 103457.	4.9	5
86	Nucleosides and amino acids, isolated from Cordyceps sinensis, protected against cyclophosphamide-induced myelosuppression in mice. Natural Product Research, 2022, 36, 6056-6059.	1.8	5
87	Comparative pharmacokinetics study of five alkaloids in rat plasma and related compoundâ€“herb interactions mechanism after oral administration of Shuanghua Baihe tablets. Natural Product Research, 2018, 32, 2031-2036.	1.8	4
88	Simultaneous quantification of Schisandrin B enantiomers in rat plasma by chiral LCâ€“MS/MS: Application in a stereoselective pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2018, 159, 186-191.	2.8	4
89	Metabolites isolated from the human intestinal fungus Penicillium oxalicum SL2 and their agonistic effects on PXR and FXR. Phytochemistry, 2022, 193, 112974.	2.9	4
90	Isolation and identification of two new sargentodoxosides from Sargentodoxa cuneata and their agonistic effects against FXR. Natural Product Research, 2021, , 1-8.	1.8	2

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91	UV-light-driven photooxidation of harmaline catalyzed by riboflavin: Product characterization and mechanisms. FÃ¬toterapÃ¬Ã¢, 2021, 155, 105054.	2.2	1