Jia-Hua Cui

List of Publications by Year
in descending order

36 papers	611 citations	567281 15 h-index	642732 23 g-index
37 all docs	37 docs citations	37 times ranked	700 citing authors

#	Article	IF	Citations
1	Design and Synthesis of New Î±-Naphthoflavones as Cytochrome P450 (CYP) 1B1 Inhibitors To Overcome Docetaxel-Resistance Associated with CYP1B1 Overexpression. Journal of Medicinal Chemistry, 2015, 58, 3534-3547.	6.4	73
2	Inhibitors and Prodrugs Targeting CYP1: A Novel Approach in Cancer Prevention and Therapy. Current Medicinal Chemistry, 2014, 21, 519-552.	2.4	53
3	Advance in Anti-tumor Mechanisms of Shikonin, Alkannin and their Derivatives. Mini-Reviews in Medicinal Chemistry, 2018, 18, 164-172.	2.4	53
4	Natural COX-2 Inhibitors as Promising Anti-inflammatory Agents: An Update. Current Medicinal Chemistry, 2021, 28, 3622-3646.	2.4	47
5	Triazole Bridged Flavonoid Dimers as Potent, Nontoxic, and Highly Selective Breast Cancer Resistance Protein (BCRP/ABCG2) Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 8578-8608.	6.4	29
6	Discovery of juglone and its derivatives as potent SARS-CoV-2 main proteinase inhibitors. European Journal of Medicinal Chemistry, 2021, 225, 113789.	5.5	25
7	The Chemistry and Biological Effects of Thioflavones. Mini-Reviews in Medicinal Chemistry, 2018, 18, 1714-1732.	2.4	25
8	Synthesis and structure-activity relationship studies of Î±-naphthoflavone derivatives as CYP1B1 inhibitors. European Journal of Medicinal Chemistry, 2020, 187, 111938.	5.5	24
9	Flavonoids as P-gp Inhibitors: A Systematic Review of SARs. Current Medicinal Chemistry, 2019, 26, 4799-4831.	2.4	22
10	Discovery of heterocycle-containing Î±-naphthoflavone derivatives as water-soluble, highly potent and selective CYP1B1 inhibitors. European Journal of Medicinal Chemistry, 2021, 209, 112895.	5.5	21
11	Shikonin Derivative <scp>DMAKO</scp>â€05 Inhibits Akt Signal Activation and Melanoma Proliferation. Chemical Biology and Drug Design, 2016, 87, 895-904.	3.2	20
12	Development of benzochalcone derivatives as selective CYP1B1 inhibitors and anticancer agents. MedChemComm, 2019, 10, 1606-1614.	3.4	19
13	DMAKO-20 as a New Multitarget Anticancer Prodrug Activated by the Tumor Specific CYP1B1 Enzyme. Molecular Pharmaceutics, 2019, 16, 409-421.	4.6	18
14	Design, Synthesis, and Biological Evaluation of Shikonin and Alkannin Derivatives as Potential Anticancer Agents via a Prodrug Approach. ChemMedChem, 2014, 9, 2798-2808.	3.2	17
15	Design, Synthesis, and Biological Evaluation of Cytochrome P450 1B1 Targeted Molecular Imaging Probes for Colorectal Tumor Detection. Journal of Medicinal Chemistry, 2018, 61, 10901-10909.	6.4	16
16	Cytotoxicity of Synthesized 1,4-Naphthoquinone Oxime Derivatives on Selected Human Cancer Cell Lines. Chemical and Pharmaceutical Bulletin, 2018, 66, 612-619.	1.3	14
17	Structure, Chemistry and Pharmacology of Naphthoflavones. Mini-Reviews in Medicinal Chemistry, 2013, 13, 1357-1368.	2.4	13
18	A novel and efficient total synthesis of shikonin. Tetrahedron Letters, 2012, 53, 3977-3980.	1.4	11

#	Article	IF	Citations
19	Design, synthesis and anticancer activity of shikonin and alkannin derivatives with different substituents on the naphthazarin scaffold. Chemical Research in Chinese Universities, 2015, 31, 394-400.	2.6	11
20	Cerium (IV) ammonium nitrate (CAN)-mediated regioselective synthesis and anticancer activity of 6-substituted 5,8-dimethoxy-1,4-naphthoquinone. Chinese Chemical Letters, 2017, 28, 1553-1558.	9.0	11
21	The Activation of Procarcinogens by CYP1A1/1B1 and Related Chemo-Preventive Agents: A Review. Current Cancer Drug Targets, 2021, 21, 21-54.	1.6	11
22	Flavonoid Monomers as Potent, Nontoxic, and Selective Modulators of the Breast Cancer Resistance Protein (ABCG2). Journal of Medicinal Chemistry, 2021, 64, 14311-14331.	6.4	11
23	Development of 2-arylbenzo[h]quinolone analogs as selective CYP1B1 inhibitors. RSC Advances, 2018, 8, 15009-15020.	3.6	10
24	A Convenient and Efficient Synthesis of 2-Acetyl-5,8-Dimethoxy-1,4-Naphthoquinone. Journal of Chemical Research, 2012, 36, 264-265.	1.3	9
25	Design and synthesis of new 7,8-dimethoxy-Î±-naphthoflavones as CYP1A1 inhibitors. Chinese Chemical Letters, 2013, 24, 215-218.	9.0	9
26	An Efficient Synthesis of 5,6â€Dimethoxy 1â€•and 2â€Naphthols via Teuber Reaction. Journal of the Chinese Chemical Society, 2013, 60, 1163-1168.	1.4	7
27	Design, Synthesis and Binding Affinity Evaluation of Cytochrome P450 1B1 Targeted Chelators. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 261-269.	1.7	5
28	Synthesis of 4,8-dimethoxy-1-naphthol via an acetyl migration. Synthetic Communications, 2017, 47, 536-540.	2.1	4
29	A regioselective synthesis of 7-methyl juglone and its derivatives. Natural Product Research, 2022, 36, 18-25.	1.8	4
30	Natural Products Targeting Cancer Stem Cells: A Revisit. Current Medicinal Chemistry, 2021, 28, 6773-6804.	2.4	4
31	Design, Synthesis and In Vivo Fluorescence Imaging Study of a Cytochrome P450 1B1 Targeted NIR Probe Containing a Chelator Moiety. ChemBioChem, 2022, 23, .	2.6	4
32	A highly sensitive electrochemical biosensor for Hg²⁺ based on entropy-driven DNA walker-based amplification. Analytical Methods, 2022, 14, 2504-2510.	2.7	4
33	Selective Antitumor Effect of Shikonin Derived DMAKO-20 on Melanoma through CYP1B1. Current Cancer Drug Targets, 2021, 21, 223-231.	1.6	3
34	An Efficient Multigram Synthesis of Juglone Methyl Ether. Journal of Chemical Research, 2015, 39, 553-554.	1.3	2
35	A Convenient and Efficient Synthesis of 2,6-Dihydroxynaphthalene. Journal of Chemical Research, 2012, 36, 675-677.	1.3	1
36	Anticancer natural products with collateral sensitivity: a review. Mini-Reviews in Medicinal Chemistry, 2021, 21, 1465-1486.	2.4	1