Tianzhu Zang

List of Publications by Year
in descending order

20 papers	308 citations	1040056 9 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	362 citing authors

#	Article	IF	Citations
1	Potent and Highly Selective Aldoâ€“Keto Reductase 1C3 (AKR1C3) Inhibitors Act as Chemotherapeutic Potentiators in Acute Myeloid Leukemia and T-Cell Acute Lymphoblastic Leukemia. Journal of Medicinal Chemistry, 2019, 62, 3590-3616.	6.4	39
2	Selective AKR1C3 Inhibitors Potentiate Chemotherapeutic Activity in Multiple Acute Myeloid Leukemia (AML) Cell Lines. ACS Medicinal Chemistry Letters, 2016, 7, 774-779.	2.8	36
3	AKR1C3 Inhibitor KV-37 Exhibits Antineoplastic Effects and Potentiates Enzalutamide in Combination Therapy in Prostate Adenocarcinoma Cells. Molecular Cancer Therapeutics, 2018, 17, 1833-1845.	4.1	36
4	Discovery of (R)-2-(6-Methoxynaphthalen-2-yl)butanoic Acid as a Potent and Selective Aldo-keto Reductase 1C3 Inhibitor. Journal of Medicinal Chemistry, 2016, 59, 7431-7444.	6.4	33
5	Pentafluorosulfanyl-containing flufenamic acid analogs: Syntheses, properties and biological activities. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4437-4440.	2.2	30
6	Screening baccharin analogs as selective inhibitors against type 5 17Î²-hydroxysteroid dehydrogenase (AKR1C3). Chemico-Biological Interactions, 2015, 234, 339-348.	4.0	24
7	Simultaneous quantitation of nine hydroxy-androgens and their conjugates in human serum by stable isotope dilution liquid chromatography electrospray ionization tandem mass spectrometry. Journal of Steroid Biochemistry and Molecular Biology, 2017, 165, 342-355.	2.5	22
8	A 3-(4-nitronaphthen-1-yl) amino-benzoate analog as a bifunctional AKR1C3 inhibitor and AR antagonist: Head to head comparison with other advanced AKR1C3 targeted therapeutics. Journal of Steroid Biochemistry and Molecular Biology, 2019, 192, 105283.	2.5	17
9	Evaluation of abamectin induced hepatotoxicity in Oreochromis mossambicus. Cogent Biology, 2020, 6, 1761277.	1.7	11
10	Testicular vs adrenal sources of hydroxy-androgens in prostate cancer. Endocrine-Related Cancer, 2017, 24, 393-404.	3.1	10
11	Evaluating the toxicological effects of agrochemicals on glucocorticoid receptor and serum cortisol level in Mozambique tilapia. Cogent Biology, 2018, 4, 1480338.	1.7	9
12	Ethanolic leaf extract from Strophanthus gratus (Hook.) Franch. (Apocynaceae) exhibits anti-inflammatory and antioxidant activities. Cogent Biology, 2019, 5, 1710431.	1.7	9
13	Human and murine steroid 5Î²-reductases (AKR1D1 and AKR1D4): insights into the role of the catalytic glutamic acid. Chemico-Biological Interactions, 2019, 305, 163-170.	4.0	8
14	Worrying cadmium and lead levels in a commonly cultivated vegetable irrigated with river water in Zimbabwe. Cogent Biology, 2020, 6, 1802814.	1.7	6
15	Antiproliferative potential of methanolic and aqueous extracts and their methanolic fractions derived from fruits of Bersama engleriana against a panel of four cancer cell lines. Cogent Biology, 2020, 6, 1727636.	1.7	5
16	Population and biomarker responses of Daphnia magna towards anticholinesterase exposures. Cogent Biology, 2019, 5, 1616363.	1.7	4
17	Sperm aneuploidy and recurrent pregnancy loss: A systematic review and meta-analysis. Cogent Biology, 2020, 6, 1759393.	1.7	3
18	Evaluation of the extremely low-frequency electromagnetic field (ELF-EMF) on the growth of bacteria Escherichia coli. Cogent Biology, 2019, 5, 1625104.	1.7	2

#	Article	IF	Citations
19	The cardiopulmonary effects of sodium fluoroacetate (1080) in Sprague-Dawley rats. Cogent Biology, 2019, 5, 1568669.	1.7	2
20	Indigenous Myanmar medicinal plants and comparison of their in vitro antioxidant, antiglycation, and antimicrobial activities. Cogent Biology, 2019, 5, 1589634.	1.7	2