

Chrisna Gouws

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/357868/publications.pdf>

Version: 2024-02-01

28
papers

428
citations

933264

10
h-index

794469

19
g-index

28
all docs

28
docs citations

28
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug Bioavailability Enhancing Agents of Natural Origin (Bioenhancers) that Modulate Drug Membrane Permeation and Pre-Systemic Metabolism. <i>Pharmaceutics</i> , 2019, 11, 33.	2.0	57
2	Assessing the DNA methylation status of single cells with the comet assay. <i>Analytical Biochemistry</i> , 2010, 400, 190-194.	1.1	51
3	Herbal hepatotoxicity: current status, examples, and challenges. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 1551-1565.	1.5	41
4	Efflux as a mechanism of antimicrobial drug resistance in clinical relevant microorganisms: the role of efflux inhibitors. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 23-36.	1.5	34
5	Combination therapy of Western drugs and herbal medicines: recent advances in understanding interactions involving metabolism and efflux. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2012, 8, 973-984.	1.5	30
6	What are the dangers of drug interactions with herbal medicines?. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2020, 16, 165-167.	1.5	21
7	Recent advances in three-dimensional cell culturing to assess liver function and dysfunction: from a drug biotransformation and toxicity perspective. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 369-385.	1.3	20
8	Characterization of an Alginate Encapsulated LS180 Spheroid Model for Anti-colorectal Cancer Compound Screening. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1014-1021.	1.3	17
9	Cell-free DNA in a three-dimensional spheroid cell culture model: A preliminary study. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 89, 182-192.	1.2	15
10	Anticancer Potential of <i>Sutherlandia frutescens</i> and <i>Xysmalobium undulatum</i> in LS180 Colorectal Cancer Mini-Tumors. <i>Molecules</i> , 2021, 26, 605.	1.7	12
11	Isolation and in vitro permeation of phenylpropylamino alkaloids from Khat (<i>Catha edulis</i>) across oral and intestinal mucosal tissues. <i>Journal of Ethnopharmacology</i> , 2016, 194, 307-315.	2.0	11
12	<i>Aloe vera</i> gel and whole leaf extract: functional and versatile excipients for drug delivery?. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 1283-1285.	2.4	11
13	A sub-chronic <i>Xysmalobium undulatum</i> hepatotoxicity investigation in HepG2/C3A spheroid cultures compared to an in vivo model. <i>Journal of Ethnopharmacology</i> , 2019, 239, 111897.	2.0	10
14	Treatment of Skin Disorders with Aloe Materials. <i>Current Pharmaceutical Design</i> , 2019, 25, 2208-2240.	0.9	10
15	Novel Non-Invasive Protein and Peptide Drug Delivery Approaches. <i>Protein and Peptide Letters</i> , 2014, 21, 1087-1101.	0.4	9
16	Evaluation of Isolated Fractions of <i>Aloe vera</i> Gel Materials on Indinavir Pharmacokinetics: In vitro and in vivo Studies. <i>Current Drug Delivery</i> , 2016, 13, 471-480.	0.8	9
17	Toxicity and anti-proliferative properties of <i>Xysmalobium undulatum</i> water extract during short-term exposure to two-dimensional and three-dimensional spheroid cell cultures. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 641-652.	1.3	8
18	Molecular mechanisms and associated cell signalling pathways underlying the anticancer properties of phytochemical compounds from <i>Aloe</i> species (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 852.	0.8	8

#	ARTICLE	IF	CITATIONS
19	O6-methylguanine-DNA methyltransferase (MGMT): Can function explain a suicidal mechanism?. Medical Hypotheses, 2011, 77, 857-860.	0.8	7
20	Impact of traditional African medicine on drug metabolism and transport. Expert Opinion on Drug Metabolism and Toxicology, 2014, 10, 991-1003.	1.5	7
21	Herb-Drug Pharmacokinetic Interactions: Transport and Metabolism of Indinavir in the Presence of Selected Herbal Products. Molecules, 2015, 20, 22113-22127.	1.7	7
22	Recent developments in our understanding of the implications of traditional African medicine on drug metabolism. Expert Opinion on Drug Metabolism and Toxicology, 2018, 14, 161-168.	1.5	7
23	Combining Chemical Permeation Enhancers for Synergistic Effects. European Journal of Drug Metabolism and Pharmacokinetics, 2016, 41, 575-586.	0.6	6
24	Clinostat 3D Cell Culture: Protocols for the Preparation and Functional Analysis of Highly Reproducible, Large, Uniform Spheroids and Organoids. Methods in Molecular Biology, 2021, 2273, 17-62.	0.4	5
25	In vitro evaluation of the anti-melanoma effects (A375 cell line) of the gel and whole leaf extracts from selected aloe species. Journal of Herbal Medicine, 2022, 31, 100539.	1.0	5
26	Models used to screen for the treatment of multidrug resistant cancer facilitated by transporter-based efflux. Journal of Cancer Research and Clinical Oncology, 2019, 145, 1949-1976.	1.2	4
27	A novel NCI-H69V small cell lung cancer functional mini-tumor model for future treatment screening applications. Biotechnology Progress, 2022, 38, e3253.	1.3	4
28	Absorptive and Secretory Transport of Selected Artemisinin Derivatives Across Caco-2 Cell Monolayers. Current Drug Delivery, 2018, 15, 1183-1192.	0.8	2