

Adam Skarka

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

533
citations

759233

12
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

876
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydroxysteroid dehydrogenases (HSDs) in bacteria – A bioinformatic perspective. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 129, 31-46.	2.5	94
2	Anthracycline resistance mediated by reductive metabolism in cancer cells: The role of aldo-keto reductase 1C3. <i>Toxicology and Applied Pharmacology</i> , 2014, 278, 238-248.	2.8	59
3	The effects of $\hat{1}^2$ -caryophyllene oxide and trans-nerolidol on the efficacy of doxorubicin in breast cancer cells and breast tumor-bearing mice. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 828-836.	5.6	56
4	The Influence of Sesquiterpenes from <i>Myrica rubra</i> on the Antiproliferative and Pro-Oxidative Effects of Doxorubicin and Its Accumulation in Cancer Cells. <i>Molecules</i> , 2015, 20, 15343-15358.	3.8	50
5	Pyridinium Oximes with <i>Ortho</i> -Positioned Chlorine Moiety Exhibit Improved Physicochemical Properties and Efficient Reactivation of Human Acetylcholinesterase Inhibited by Several Nerve Agents. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10753-10766.	6.4	45
6	Anthracyclines and their metabolism in human liver microsomes and the participation of the new microsomal carbonyl reductase. <i>Chemico-Biological Interactions</i> , 2011, 191, 66-74.	4.0	29
7	Isoquinoline alkaloids as a novel type of AKR1C3 inhibitors. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 143, 250-258.	2.5	27
8	The Effects of Selected Sesquiterpenes from <i>Myrica rubra</i> Essential Oil on the Efficacy of Doxorubicin in Sensitive and Resistant Cancer Cell Lines. <i>Molecules</i> , 2017, 22, 1021.	3.8	26
9	Pharmacokinetic interactions of breast cancer chemotherapeutics with human doxorubicin reductases. <i>Biochemical Pharmacology</i> , 2015, 96, 168-178.	4.4	22
10	Ensartinib (X-396) Effectively Modulates Pharmacokinetic Resistance Mediated by ABCB1 and ABCG2 Drug Efflux Transporters and CYP3A4 Biotransformation Enzyme. <i>Cancers</i> , 2020, 12, 813.	3.7	20
11	Human DHRS7, promising enzyme in metabolism of steroids and retinoids?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 155, 112-119.	2.5	17
12	Molecular and biochemical characterisation of human short-chain dehydrogenase/reductase member 3 (DHRS3). <i>Chemico-Biological Interactions</i> , 2015, 234, 178-187.	4.0	13
13	Partial purification and characterization of a new human membrane-bound carbonyl reductase playing a role in the deactivation of the anticancer drug oracin. <i>Toxicology</i> , 2009, 264, 52-60.	4.2	12
14	Essential Oil from <i>Myrica rubra</i> Leaves Potentiated Antiproliferative and Prooxidative Effect of Doxorubicin and its Accumulation in Intestinal Cancer Cells. <i>Planta Medica</i> , 2016, 82, 89-96.	1.3	9
15	Alisertib shows negligible potential for perpetrating pharmacokinetic drug-drug interactions on ABCB1, ABCG2 and cytochromes P450, but acts as dual-activity resistance modulator through the inhibition of ABCC1 transporter. <i>Toxicology and Applied Pharmacology</i> , 2022, 434, 115823.	2.8	9
16	Purification and reconstitution of human membrane-bound DHRS7 (SDR34C1) from Sf9 cells. <i>Protein Expression and Purification</i> , 2014, 95, 44-49.	1.3	8
17	The Evaluation of Glioblastoma Cell Dissociation and Its Influence on Its Behavior. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4630.	4.1	7
18	Tepotinib Inhibits Several Drug Efflux Transporters and Biotransformation Enzymes: The Role in Drug-Drug Interactions and Targeting Cytostatic Resistance In Vitro and Ex Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11936.	4.1	7

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19	Enzyme Stereospecificity as a Powerful Tool in Searching for New Enzymes. <i>Current Drug Metabolism</i> , 2010, 11, 547-559.	1.2	6
20	Carbonyl Reduction of Flubendazole in the Human Liver: Strict Stereospecificity, Sex Difference, Low Risk of Drug Interactions. <i>Frontiers in Pharmacology</i> , 2019, 10, 600.	3.5	6
21	Silencing of E-cadherin expression leads to increased chemosensitivity to irinotecan and oxaliplatin in colorectal cancer cell lines. <i>Human and Experimental Toxicology</i> , 2021, 40, 096032712110214.	2.2	5
22	Pyridinium-2-carbaldoximes with quinolinium carboxamide moiety are simultaneous reactivators of acetylcholinesterase and butyrylcholinesterase inhibited by nerve agent surrogates. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 437-449.	5.2	4
23	Reductive metabolism of tiaprofenic acid by the human liver and recombinant carbonyl reducing enzymes. <i>Chemico-Biological Interactions</i> , 2017, 276, 121-126.	4.0	2
24	Novel cholinesterase reactivators. , 2020, , 1161-1177.		0