Sarah Kammerer

List of Publications by Year
in descending order

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24	464	759233 12	713466 21
papers	citations	h-index	g-index

25	25	25	560
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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. Toxicology and Applied Pharmacology, 2022, 434, 115823.	2.8	9
2	Three-Dimensional Liver Culture Systems to Maintain Primary Hepatic Properties for Toxicological Analysis In Vitro. International Journal of Molecular Sciences, 2021, 22, 10214.	4.1	19
3	Phycocyanin from Arthrospira platensis as Potential Anti-Cancer Drug: Review of In Vitro and In Vivo Studies. Life, 2021, 11, 91.	2.4	45
4	Tepotinib Inhibits Several Drug Efflux Transporters and Biotransformation Enzymes: The Role in Drug-Drug Interactions and Targeting Cytostatic Resistance In Vitro and Ex Vivo. International Journal of Molecular Sciences, 2021, 22, 11936.	4.1	7
5	Effects of acrolein in comparison to its prodrug cyclophosphamide on human primary endothelial cells in vitro. Toxicology in Vitro, 2020, 62, 104685.	2.4	9
6	HepG2-1A2 C2 and C7: Lentivirus vector-mediated stable and functional overexpression of cytochrome P450 1A2 in human hepatoblastoma cells. Toxicology Letters, 2020, 319, 155-159.	0.8	12
7	Real time monitoring of oxygen uptake of hepatocytes in a microreactor using optical microsensors. Scientific Reports, 2020, 10, 13700.	3.3	9
8	Ensartinib (X-396) Effectively Modulates Pharmacokinetic Resistance Mediated by ABCB1 and ABCG2 Drug Efflux Transporters and CYP3A4 Biotransformation Enzyme. Cancers, 2020, 12, 813.	3.7	20
9	Synthesis of cyclophosphamide metabolites by a peroxygenase from Marasmius rotula for toxicological studies on human cancer cells. AMB Express, 2020, 10, 128.	3.0	12
10	Brivanib Exhibits Potential for Pharmacokinetic Drugâ€“Drug Interactions and the Modulation of Multidrug Resistance through the Inhibition of Human ABCG2 Drug Efflux Transporter and CYP450 Biotransformation Enzymes. Molecular Pharmaceutics, 2019, 16, 4436-4450.	4.6	22
11	NADPH-cytochrome P450 reductase expression and enzymatic activity in primary-like human hepatocytes and HepG2 cells for in vitro biotransformation studies. Clinical Hemorheology and Microcirculation, 2019, 73, 249-260.	1.7	12
12	Interactions of Alectinib with Human ATP-Binding Cassette Drug Efflux Transporters and Cytochrome P450 Biotransformation Enzymes: Effect on Pharmacokinetic Multidrug Resistance. Drug Metabolism and Disposition, 2019, 47, 699-709.	3.3	15
13	HepG2 cells with recombinant cytochrome P450 enzyme overexpression: Their use and limitation as in vitro liver model. Journal of Cellular Biotechnology, 2019, 5, 55-64.	0.5	10
14	Optimized protocol for induction of cytochrome P450 enzymes 1A2 and 3A4 in human primary-like hepatocyte cell strain HepaFH3 to study in vitro toxicology. Clinical Hemorheology and Microcirculation, 2019, 70, 563-571.	1.7	2
15	Metabolic activity testing can underestimate acute drug cytotoxicity as revealed by HepG2 cell clones overexpressing cytochrome P450 2C19 and 3A4. Toxicology, 2019, 412, 37-47.	4.2	20
16	ATP-based cell viability assay is superior to trypan blue exclusion and XTT assay in measuring cytotoxicity of anticancer drugs Taxol and Imatinib, and proteasome inhibitor MG-132 on human hepatoma cell line HepG2. Clinical Hemorheology and Microcirculation, 2018, 69, 327-336.	1.7	24
17	Human hepatocyte systems for in vitro toxicology analysis. Journal of Cellular Biotechnology, 2018, 3, 85-93.	0.5	33
18	Critical evaluation ofKCNJ3gene product detection in human breast cancer: mRNA in situ hybridisation is superior to immunohistochemistry. Journal of Clinical Pathology, 2016, 69, 1116-1121.	2.0	5

#	Article	IF	Citations
19	Overexpression of KCNJ3 gene splice variants affects vital parameters of the malignant breast cancer cell line MCF-7 in an opposing manner. BMC Cancer, 2016, 16, 628.	2.6	14
20	KCNJ3 is a new independent prognostic marker for estrogen receptor positive breast cancer patients. Oncotarget, 2016, 7, 84705-84717.	1.8	18
21	Multifactorial resistance to aminopeptidase inhibitor prodrug CHR2863 in myeloid leukemia cells: down-regulation of carboxylesterase 1, drug sequestration in lipid droplets and pro-survival activation ERK/Akt/mTOR. Oncotarget, 2016, 7, 5240-5257.	1.8	23
22	Piezo1 forms mechanosensitive ion channels in the human MCF-7 breast cancer cell line. Scientific Reports, 2015, 5, 8364.	3.3	122
23	Mechano-Sensitive Ion Channels (MSCS) Provide Human Breast Cancer Cells with a Sensorium for Mechanical Stress. Biophysical Journal, 2014, 106, 549a-550a.	0.5	0
24	G-Protein Activated Inwardly Rectifying Potassium Channels Control Motility of Breast Cancer Cells. Biophysical Journal, 2014, 106, 543a.	0.5	2