

Elias Georges

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,135
citations

471509

17
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

1048
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversal of P-glycoprotein-associated multidrug resistance by ivermectin. <i>Biochemical Pharmacology</i> , 1997, 53, 17-25.	4.4	158
2	Multidrug Resistance and Chemosensitization: Therapeutic Implications for Cancer Chemotherapy. <i>Advances in Pharmacology</i> , 1990, 21, 185-220.	2.0	103
3	Rhodamine 123 Binds to Multiple Sites in the Multidrug Resistance Protein (MRP1). <i>Biochemistry</i> , 2000, 39, 15344-15352.	2.5	79
4	Modulation of ATP and drug binding by monoclonal antibodies against P-glycoprotein. <i>Journal of Cellular Physiology</i> , 1991, 148, 479-484.	4.1	76
5	A Mechanism for P-Glycoprotein-Mediated Apoptosis As Revealed by Verapamil Hypersensitivity. <i>Biochemistry</i> , 2003, 42, 12163-12173.	2.5	76
6	Annexin-I expression modulates drug resistance in tumor cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 565-570.	2.1	73
7	Modulation of GSH levels in ABCC1 expressing tumor cells triggers apoptosis through oxidative stress. <i>Biochemical Pharmacology</i> , 2007, 73, 1727-1737.	4.4	62
8	Arginine482 to threonine mutation in the breast cancer resistance protein ABCG2 inhibits rhodamine 123 transport while increasing binding. <i>Biochemical Journal</i> , 2004, 382, 711-716.	3.7	58
9	Major Photoaffinity Drug Binding Sites in Multidrug Resistance Protein 1 (MRP1) Are within Transmembrane Domains 10 and 16. <i>Journal of Biological Chemistry</i> , 2001, 276, 12324-12330.	3.4	57
10	Dephosphorylation of Neurofilaments by Exogenous Phosphatases Has No Effect on Reassembly of Subunits. <i>Journal of Neurochemistry</i> , 1986, 47, 477-483.	3.9	49
11	Binding of a Photoaffinity Analogue of Glutathione to MRP1 (ABCC1) within Two Cytoplasmic Regions (LO and L1) as Well as Transmembrane Domains 10-11 and 16-17. <i>Biochemistry</i> , 2003, 42, 3286-3294.	2.5	47
12	P-glycoprotein (ABCB1) modulates collateral sensitivity of a multidrug resistant cell line to verapamil. <i>Archives of Biochemistry and Biophysics</i> , 2009, 491, 53-60.	3.0	41
13	Chemical modification of charged amino acid moieties alters the electrophoretic mobilities of neurofilament subunits on SDS/polyacrylamide gels. <i>FEBS Journal</i> , 1987, 165, 281-287.	0.2	33
14	The P-Glycoprotein (ABCB1) Linker Domain Encodes High-Affinity Binding Sequences to α - and β -Tubulins. <i>Biochemistry</i> , 2007, 46, 7337-7342.	2.5	29
15	Functional Expression of Multidrug Resistance Protein 1 in <i>Pichia pastoris</i> . <i>Biochemistry</i> , 2001, 40, 8307-8316.	2.5	28
16	ABCG2 membrane transporter in mature human erythrocytes is exclusively homodimer. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 345-350.	2.1	21
17	P-glycoprotein mediates the collateral sensitivity of multidrug resistant cells to steroid hormones. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 574-579.	2.1	19
18	Apigenin-induced ABCB1-mediated efflux of glutathione from mature erythrocytes inhibits the proliferation of <i>Plasmodium falciparum</i> . <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 673-677.	2.5	16

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19	Human ABCC1 Interacts and Colocalizes with ATP Synthase $\hat{\pm}$, Revealed by Interactive Proteomics Analysis. <i>Journal of Proteome Research</i> , 2012, 11, 1364-1372.	3.7	14
20	Neurofilament Phosphorylation in Cultured Bovine Adrenal Chromaffin Cells Is Stimulated by Phorbol Ester. <i>Journal of Neurochemistry</i> , 1989, 52, 1156-1161.	3.9	12
21	Sequences in Linker-1 domain of the multidrug resistance associated protein (MRP1 or ABCC1) bind to tubulin and their binding is modulated by phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1001-1006.	2.1	12
22	Malaria Detection by Third-Harmonic Generation Image Scanning Cytometry. <i>Analytical Chemistry</i> , 2019, 91, 2216-2223.	6.5	11
23	A tamoxifen derivative, N,N-diethyl-2-[4-(phenylmethyl) phenoxy] ethanamine, selectively targets P-glycoprotein-positive multidrug resistant Chinese hamster cells. <i>Biochemical Pharmacology</i> , 2014, 90, 107-114.	4.4	10
24	What is pure hemozoin? A close look at the surface of the malaria pigment. <i>Journal of Inorganic Biochemistry</i> , 2019, 194, 214-222.	3.5	8
25	Overexpression of a 40-kDa Protein in Human Multidrug Resistant Cells. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 483-488.	2.1	7
26	Direct and specific binding of cholesterol to the mitochondrial translocator protein (TSPO) using PhotoClick cholesterol analogue. <i>Journal of Biochemistry</i> , 2021, 170, 239-243.	1.7	6
27	A 2-amino quinoline, 5-(3-(2-(7-chloroquinolin-2-yl)ethenyl)phenyl)-8-dimethylcarbamyl-4,6-dithiooctanoic acid, interacts with PfMDR1 and inhibits its drug transport in <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 2014, 195, 34-42.	1.1	5
28	Characterization of native PfABCG protein in <i>Plasmodium falciparum</i> . <i>Biochemical Pharmacology</i> , 2015, 97, 137-146.	4.4	5
29	3-Halo Chloroquine Derivatives Overcome <i>Plasmodium falciparum</i> Chloroquine Resistance Transporter-Mediated Drug Resistance in <i>P. falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7891-7893.	3.2	5
30	Down-regulation of ABCB1 by collateral sensitivity drugs reverses multidrug resistance and up-regulates enolase I. <i>Journal of Biochemistry</i> , 2022, 172, 37-48.	1.7	5
31	3-Iodo-4-aminoquinoline derivative sensitises resistant strains of <i>Plasmodium falciparum</i> to chloroquine. <i>International Journal of Antimicrobial Agents</i> , 2016, 47, 482-485.	2.5	4
32	The phenothiazine, trifluoperazine, is selectively lethal to ABCB1-expressing multidrug resistant cells. <i>Biochemical and Biophysical Research Communications</i> , 2021, 570, 148-153.	2.1	4
33	Inorganic ions on hemozoin surface provide a glimpse into <i>Plasmodium</i> biology. <i>Journal of Inorganic Biochemistry</i> , 2019, 200, 110808.	3.5	2
34	Epitope-specific IgG pools identify PfCRT monomer and homodimer polypeptides that are differentially phosphorylated at Ser411 in <i>Plasmodium falciparum</i> . <i>Biochemical and Biophysical Research Communications</i> , 2021, 557, 261-266.	2.1	0
35	Photoaffinity labeling of the multidrug resistance protein 2 (ABCC2/cMOAT) with a photoreactive analog of LTC(4). <i>International Journal of Biochemistry and Molecular Biology</i> , 2011, 2, 39-46.	0.1	0
36	Knockout of P-glycoprotein abolish the collateral sensitivity of CHORC5 multidrug resistant cells. <i>Biochemical and Biophysical Research Communications</i> , 2022, 608, 23-29.	2.1	0