Ricardo J Ferreira

List of Publications by Citations

29 papers	624 citations	14 h-index	24 g-index
33 ext. papers	763 ext. citations	4.8 avg, IF	4.24 L-index

#	Paper	IF	Citations
29	Molecular docking characterizes substrate-binding sites and efflux modulation mechanisms within P-glycoprotein. *Journal of Chemical Information and Modeling*, **2013**, 53, 1747-60	6.1	111
28	Insights on P-Glycoprotein's Efflux Mechanism Obtained by Molecular Dynamics Simulations. *Journal of Chemical Theory and Computation*, **2012**, 8, 1853-64	6.4	79
27	Toward a better pharmacophore description of P-glycoprotein modulators, based on macrocyclic diterpenes from Euphorbia species. *Journal of Chemical Information and Modeling*, **2011**, 51, 1315-24	6.1	54
26	P-glycoprotein and membrane roles in multidrug resistance. *Future Medicinal Chemistry*, **2015**, 7, 929-46	4.1	52
25	Enhancing macrocyclic diterpenes as multidrug-resistance reversers: structure-activity studies on jolkinol D derivatives. *Journal of Medicinal Chemistry*, **2013**, 56, 748-60	8.3	49
24	Structure-function relationships in ABCG2: insights from molecular dynamics simulations and molecular docking studies. *Scientific Reports*, **2017**, 7, 15534	4.9	39
23	Reversing cancer multidrug resistance: insights into the efflux by ABC transports from in silico studies. *Wiley Interdisciplinary Reviews: Computational Molecular Science*, **2015**, 5, 27-55	7.9	25
22	Terpenoids from Euphorbia pedroi as Multidrug-Resistance Reversers. *Journal of Natural Products*, **2018**, 81, 2032-2040	4.9	22
21	Colon adenocarcinoma multidrug resistance reverted by Euphorbia diterpenes: structure-activity relationships and pharmacophore modeling. *Anti-Cancer Agents in Medicinal Chemistry*, **2012**, 12, 1015-24	2.2	21
20	Do drugs have access to the P-glycoprotein drug-binding pocket through gates?. *Journal of Chemical Theory and Computation*, **2015**, 11, 4525-9	6.4	18
19	Optimizing the flavanone core toward new selective nitrogen-containing modulators of ABC transporters. *Future Medicinal Chemistry*, **2018**, 10, 725-741	4.1	18
18	Macrocyclic diterpenes resensitizing multidrug resistant phenotypes. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 3696-702	3.4	18
17	Antibiotic Uptake Across Gram-Negative Outer Membranes: Better Predictions Towards Better Antibiotics. *ACS Infectious Diseases*, **2019**, 5, 2096-2104	5.5	15
16	Assessing the Stabilization of P-Glycoprotein's Nucleotide-Binding Domains by the Linker, Using Molecular Dynamics. *Molecular Informatics*, **2013**, 32, 529-40	3.8	15
15	About P-glycoprotein: a new drugable domain is emerging from structural data. *Wiley Interdisciplinary Reviews: Computational Molecular Science*, **2017**, 7, e1316	7.9	13
14	Molecular Docking Studies of Royleanone Diterpenoids from spp. as P-Glycoprotein Inhibitors. *ACS Medicinal Chemistry Letters*, **2020**, 11, 839-845	4.3	11
13	Do adsorbed drugs onto P-glycoprotein influence its efflux capability?. *Physical Chemistry Chemical Physics*, **2015**, 17, 22023-34	3.6	10

12	Optimizing the macrocyclic diterpenic core toward the reversal of multidrug resistance in cancer. *Future Medicinal Chemistry*, **2016**, 8, 629-45	4.1	10
11	Theoretical insights on helix repacking as the origin of P-glycoprotein promiscuity. *Scientific Reports*, **2020**, 10, 9823	4.9	9
10	Nitrogen-containing naringenin derivatives for reversing multidrug resistance in cancer. *Bioorganic and Medicinal Chemistry*, **2020**, 28, 115798	3.4	8
9	Epoxylathyrane Derivatives as MDR-Selective Compounds for Disabling Multidrug Resistance in Cancer. *Frontiers in Pharmacology*, **2020**, 11, 599	5.6	6
8	Theoretical studies on 1,4-dihydropyridine derivatives as P-glycoprotein allosteric inhibitors: insights on symmetry and stereochemistry. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 4752-4763	3.6	4
7	Acquired Functional Capsid Structures in Metazoan Totivirus-like dsRNA Virus. *Structure*, **2020**, 28, 888-896.e3	5.6	4
6	Pedrolane, a Polycyclic Diterpene Scaffold Containing a Bicyclo[2.2.1]heptane System, from. *Organic Letters*, **2021**, 23, 274-278	6.2	4
5	Royleanone Derivatives From spp. as a Novel Class of P-Glycoprotein Inhibitors. *Frontiers in Pharmacology*, **2020**, 11, 557789	5.6	3
4	Molecular Dynamics Studies of Therapeutic Liquid Mixtures and Their Binding to Mycobacteria. *Frontiers in Pharmacology*, **2021**, 12, 626735	5.6	2
3	Antibiotic uptake across gram-negative outer membranes: better predictions towards better antibiotics		1
2	Does human P-glycoprotein efflux involve transmembrane alpha helix breakage?		1
1	In Silico Prediction of Permeability Coefficients. *Methods in Molecular Biology*, **2021**, 2315, 243-261	1.4	0