

Ricardo J Ferreira

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Theoretical studies on 1,4-dihydropyridine derivatives as P-glycoprotein allosteric inhibitors: insights on symmetry and stereochemistry. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 4752-4763	3.6	4
28	Pedrolane, a Polycyclic Diterpene Scaffold Containing a Bicyclo[2.2.1]heptane System, from. <i>Organic Letters</i> , 2021 , 23, 274-278	6.2	4
27	Molecular Dynamics Studies of Therapeutic Liquid Mixtures and Their Binding to Mycobacteria. <i>Frontiers in Pharmacology</i> , 2021 , 12, 626735	5.6	2
26	In Silico Prediction of Permeability Coefficients. <i>Methods in Molecular Biology</i> , 2021 , 2315, 243-261	1.4	0
25	Epoxyalthrane Derivatives as MDR-Selective Compounds for Disabling Multidrug Resistance in Cancer. <i>Frontiers in Pharmacology</i> , 2020 , 11, 599	5.6	6
24	Molecular Docking Studies of Royleanone Diterpenoids from spp. as P-Glycoprotein Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 839-845	4.3	11
23	Acquired Functional Capsid Structures in Metazoan Totivirus-like dsRNA Virus. <i>Structure</i> , 2020 , 28, 888-896.e3	9.6	4
22	Theoretical insights on helix repacking as the origin of P-glycoprotein promiscuity. <i>Scientific Reports</i> , 2020 , 10, 9823	4.9	9
21	Nitrogen-containing naringenin derivatives for reversing multidrug resistance in cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115798	3.4	8
20	Royleanone Derivatives From spp. as a Novel Class of P-Glycoprotein Inhibitors. <i>Frontiers in Pharmacology</i> , 2020 , 11, 557789	5.6	3
19	Antibiotic Uptake Across Gram-Negative Outer Membranes: Better Predictions Towards Better Antibiotics. <i>ACS Infectious Diseases</i> , 2019 , 5, 2096-2104	5.5	15
18	Optimizing the flavanone core toward new selective nitrogen-containing modulators of ABC transporters. <i>Future Medicinal Chemistry</i> , 2018 , 10, 725-741	4.1	18
17	Terpenoids from Euphorbia pedroi as Multidrug-Resistance Reversers. <i>Journal of Natural Products</i> , 2018 , 81, 2032-2040	4.9	22
16	About P-glycoprotein: a new drugable domain is emerging from structural data. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2017 , 7, e1316	7.9	13
15	Structure-function relationships in ABCG2: insights from molecular dynamics simulations and molecular docking studies. <i>Scientific Reports</i> , 2017 , 7, 15534	4.9	39
14	Optimizing the macrocyclic diterpenic core toward the reversal of multidrug resistance in cancer. <i>Future Medicinal Chemistry</i> , 2016 , 8, 629-45	4.1	10
13	Do adsorbed drugs onto P-glycoprotein influence its efflux capability?. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 22023-34	3.6	10

12	Do drugs have access to the P-glycoprotein drug-binding pocket through gates?. <i>Journal of Chemical Theory and Computation</i> , 2015 , 11, 4525-9	6.4	18
11	P-glycoprotein and membrane roles in multidrug resistance. <i>Future Medicinal Chemistry</i> , 2015 , 7, 929-46	4.1	52
10	Reversing cancer multidrug resistance: insights into the efflux by ABC transports from in silico studies. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2015 , 5, 27-55	7.9	25
9	Macrocyclic diterpenes resensitizing multidrug resistant phenotypes. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 3696-702	3.4	18
8	Molecular docking characterizes substrate-binding sites and efflux modulation mechanisms within P-glycoprotein. <i>Journal of Chemical Information and Modeling</i> , 2013 , 53, 1747-60	6.1	111
7	Enhancing macrocyclic diterpenes as multidrug-resistance reversers: structure-activity studies on jolkinol D derivatives. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 748-60	8.3	49
6	Assessing the Stabilization of P-Glycoprotein's Nucleotide-Binding Domains by the Linker, Using Molecular Dynamics. <i>Molecular Informatics</i> , 2013 , 32, 529-40	3.8	15
5	Insights on P-Glycoprotein's Efflux Mechanism Obtained by Molecular Dynamics Simulations. <i>Journal of Chemical Theory and Computation</i> , 2012 , 8, 1853-64	6.4	79
4	Colon adenocarcinoma multidrug resistance reverted by Euphorbia diterpenes: structure-activity relationships and pharmacophore modeling. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012 , 12, 1015-24	2.2	21
3	Toward a better pharmacophore description of P-glycoprotein modulators, based on macrocyclic diterpenes from Euphorbia species. <i>Journal of Chemical Information and Modeling</i> , 2011 , 51, 1315-24	6.1	54
2	Antibiotic uptake across gram-negative outer membranes: better predictions towards better antibiotics		1
1	Does human P-glycoprotein efflux involve transmembrane alpha helix breakage?		1