

Glaucio Valdameri

List of Publications by Citations

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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.

46 papers	807 citations	15 h-index	27 g-index
54 ext. papers	974 ext. citations	4.4 avg, IF	3.42 L-index

#	Paper	IF	Citations
46	Dual RNA-seq transcriptional analysis of wheat roots colonized by <i>Azospirillum brasilense</i> reveals up-regulation of nutrient acquisition and cell cycle genes. <i>BMC Genomics</i> , 2014 , 15, 378	4.5	96
45	Substituted chromones as highly potent nontoxic inhibitors, specific for the breast cancer resistance protein. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 966-70	8.3	67
44	Investigation of chalcones as selective inhibitors of the breast cancer resistance protein: critical role of methoxylation in both inhibition potency and cytotoxicity. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 3193-200	8.3	61
43	Pharmacological inhibition of LIM kinase stabilizes microtubules and inhibits neoplastic growth. <i>Cancer Research</i> , 2012 , 72, 4429-39	10.1	52
42	Involvement of catalase in the apoptotic mechanism induced by apigenin in HepG2 human hepatoma cells. <i>Chemico-Biological Interactions</i> , 2011 , 193, 180-9	5	48
41	Converting potent indeno[1,2-b]indole inhibitors of protein kinase CK2 into selective inhibitors of the breast cancer resistance protein ABCG2. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 265-77	8.3	43
40	Methoxy stilbenes as potent, specific, untransported, and noncytotoxic inhibitors of breast cancer resistance protein. <i>ACS Chemical Biology</i> , 2012 , 7, 322-30	4.9	39
39	PHB Biosynthesis Counteracts Redox Stress in. <i>Frontiers in Microbiology</i> , 2018 , 9, 472	5.7	35
38	Comparative proteomics analysis of the rice roots colonized by <i>Herbaspirillum seropedicae</i> strain SmR1 reveals induction of the methionine recycling in the plant host. <i>Journal of Proteome Research</i> , 2013 , 12, 4757-68	5.6	31
37	Targeting the multidrug ABCG2 transporter with flavonoidic inhibitors: in vitro optimization and in vivo validation. <i>Current Medicinal Chemistry</i> , 2011 , 18, 3387-401	4.3	30
36	Azaindole derivatives are inhibitors of microtubule dynamics, with anti-cancer and anti-angiogenic activities. <i>British Journal of Pharmacology</i> , 2013 , 168, 673-85	8.6	24
35	ABCG2: recent discovery of potent and highly selective inhibitors. <i>Future Medicinal Chemistry</i> , 2013 , 5, 1037-45	4.1	22
34	New, highly potent and non-toxic, chromone inhibitors of the human breast cancer resistance protein ABCG2. <i>European Journal of Medicinal Chemistry</i> , 2016 , 122, 291-301	6.8	21
33	Effects of Decavanadate Salts with Organic and Inorganic Cations on <i>Escherichia coli</i> , <i>Giardia intestinalis</i> , and Vero Cells. <i>Inorganic Chemistry</i> , 2018 , 57, 11930-11941	5.1	18
32	Phenolic indeno[1,2-b]indoles as ABCG2-selective potent and non-toxic inhibitors stimulating basal ATPase activity. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 3481-95	4.4	17
31	Dual properties of hispidulin: antiproliferative effects on HepG2 cancer cells and selective inhibition of ABCG2 transport activity. <i>Molecular and Cellular Biochemistry</i> , 2015 , 409, 123-33	4.2	15
30	A simple and efficient method for poly-3-hydroxybutyrate quantification in diazotrophic bacteria within 5 minutes using flow cytometry. <i>Brazilian Journal of Medical and Biological Research</i> , 2017 , 50, e5492	2.8	14

29	Dynamics of the Escherichia coli proteome in response to nitrogen starvation and entry into the stationary phase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017 , 1865, 344-352	4	13
28	Biologically active carbazole derivatives: focus on oxazinocarbazoles and related compounds. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015 , 30, 180-8	5.6	13
27	Selective Cytotoxicity of 1,3,4-Thiadiazolium Mesoionic Derivatives on Hepatocarcinoma Cells (HepG2). <i>PLoS ONE</i> , 2015 , 10, e0130046	3.7	12
26	6-halogenochromones bearing tryptamine: one-step access to potent and highly selective inhibitors of breast cancer resistance protein. <i>ChemMedChem</i> , 2012 , 7, 1177-80	3.7	11
25	Chemoprotective activity of mixed valence polyoxovanadates against diethylsulphate in E. coli cultures: insights from solution speciation studies. <i>RSC Advances</i> , 2016 , 6, 114955-114968	3.7	11
24	Rapid quantification of rice root-associated bacteria by flow cytometry. <i>Letters in Applied Microbiology</i> , 2015 , 60, 237-41	2.9	10
23	Proteome analysis of an Escherichia coli ptsN-null strain under different nitrogen regimes. <i>Journal of Proteomics</i> , 2018 , 174, 28-35	3.9	9
22	Herbaspirillum rubrisubalbicans, a mild pathogen impairs growth of rice by augmenting ethylene levels. <i>Plant Molecular Biology</i> , 2017 , 94, 625-640	4.6	8
21	The ammonium transporter AmtB and the PII signal transduction protein GlnZ are required to inhibit DraG in Azospirillum brasilense. <i>FEBS Journal</i> , 2019 , 286, 1214-1229	5.7	8
20	What Did We Learn From Plant Growth-Promoting Rhizobacteria (PGPR)-Grass Associations Studies Through Proteomic and Metabolomic Approaches?. <i>Frontiers in Sustainable Food Systems</i> , 2020 , 4,	4.8	7
19	Importance of the core structure of flavones in promoting inhibition of the mitochondrial respiratory chain. <i>Chemico-Biological Interactions</i> , 2010 , 188, 52-8	5	7
18	Proteomic and Metabolomic Analysis of Mutant under High and Low Nitrogen Conditions. <i>Journal of Proteome Research</i> , 2020 , 19, 92-105	5.6	7
17	Modulation of defence and iron homeostasis genes in rice roots by the diazotrophic endophyte Herbaspirillum seropedicae. <i>Scientific Reports</i> , 2019 , 9, 10573	4.9	6
16	Effect of Different Tensioactives on the Morphology and Release Kinetics of PLA-b-PEG Microcapsules Loaded With the Natural Anticancer Compound Perillyl Alcohol. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 860-869	3.9	6
15	Mechanistic basis of breast cancer resistance protein inhibition by new indeno[1,2-b]indoles. <i>Scientific Reports</i> , 2021 , 11, 1788	4.9	6
14	A template model for studying anticancer drug efflux transporter inhibitors in vitro. <i>Fundamental and Clinical Pharmacology</i> , 2013 , 27, 544-56	3.1	5
13	Tetrahydroquinoline/4,5-Dihydroisoxazole Molecular Hybrids as Inhibitors of Breast Cancer Resistance Protein (BCRP/ABCG2). <i>ChemMedChem</i> , 2021 , 16, 2686-2694	3.7	5
12	Flavone induces cell death in human hepatoma HepG2 cells. <i>Natural Product Communications</i> , 2014 , 9, 1457-60	0.9	5

11	Targeting breast cancer resistance protein (BCRP/ABCG2): Functional inhibitors and expression modulators.. <i>European Journal of Medicinal Chemistry</i> , 2022 , 237, 114346	6.8	5
10	d-GDM: A mobile diagnostic decision support system for gestational diabetes. <i>Archives of Endocrinology and Metabolism</i> , 2019 , 63, 524-530	2.2	4
9	Fatty acid biosynthesis is enhanced in Escherichia coli strains with deletion in genes encoding the PII signaling proteins. <i>Archives of Microbiology</i> , 2019 , 201, 209-214	3	4
8	Conserved histidine residues at the ferroxidase centre of the Campylobacter jejuni Dps protein are not strictly required for metal binding and oxidation. <i>Microbiology (United Kingdom)</i> , 2016 , 162, 156-163	2.9	3
7	Purification of the Campylobacter jejuni Dps protein assisted by its high melting temperature. <i>Protein Expression and Purification</i> , 2015 , 111, 105-10	2	2
6	Biomarkers of oxidative stress and inflammation in people with a physical disability treated with a standardized extract of Nasturtium officinale: A randomized, double-blind, and placebo-controlled trial. <i>Phytotherapy Research</i> , 2020 , 34, 2756-2765	6.7	2
5	A new porphyrin as selective substrate-based inhibitor of breast cancer resistance protein (BCRP/ABCG2). <i>Chemico-Biological Interactions</i> , 2021 , 351, 109718	5	2
4	Interleukin-18 (rs187238) and glucose transporter 4 (rs5435) polymorphisms in Euro-Brazilians with type 1 diabetes. <i>Genetics and Molecular Research</i> , 2017 , 16,	1.2	1
3	Antitumoral activity of liraglutide, a new DNMT inhibitor in breast cancer cells in vitro and in vivo. <i>Chemico-Biological Interactions</i> , 2021 , 349, 109641	5	1
2	Oxidation of apoptosis-inducing factor (AIF) to disulfide-linked conjugates. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 692, 108515	4.1	0
1	Flavone Induces Cell Death in Human Hepatoma HepG2 Cells. <i>Natural Product Communications</i> , 2014 , 9, 1934578X1400901	0.9	