

Mauricio Cabrera

List of Publications by Year in descending order

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30
papers

903
citations

516710

16
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1417
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic chalcones, flavanones, and flavones as antitumoral agents: Biological evaluation and structure-activity relationships. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3356-3367.	3.0	260
2	Discovery of new orally effective analgesic and anti-inflammatory hybrid furoxanyl N-acylhydrazone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2158-2171.	3.0	62
3	New copper-based complexes with quinoxaline N1,N4-dioxide derivatives, potential antitumoral agents. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 119-126.	3.5	58
4	Discovery of Potent EGFR Inhibitors through the Incorporation of a 3D Aromatic-Boron-Rich Cluster into the 4-Anilinoquinazoline Scaffold: Potential Drugs for Glioma Treatment. <i>Chemistry - A European Journal</i> , 2018, 24, 3122-3126.	3.3	54
5	Small Molecule Kinase Inhibitors Loaded Boron Cluster as Hybrid Agents for Glioma Cell Targeting Therapy. <i>Chemistry - A European Journal</i> , 2017, 23, 9233-9238.	3.3	50
6	3-Trifluoromethylquinoxaline N,N'-Dioxides as Anti-Trypanosomatid Agents. Identification of Optimal Anti-T. cruzi Agents and Mechanism of Action Studies. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 3624-3636.	6.4	49
7	Massive screening yields novel and selective Trypanosoma cruzi triosephosphate isomerase dimer-interface-irreversible inhibitors with anti-trypanosomal activity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5767-5772.	5.5	47
8	Cytotoxic, mutagenic and genotoxic effects of new anti-T. cruzi 5-phenylethenylbenzofuroxans. Contribution of phase I metabolites on the mutagenicity induction. <i>Toxicology Letters</i> , 2009, 190, 140-149.	0.8	31
9	Differential Enzymatic Reductions Governing the Differential Hypoxia-Selective Cytotoxicities of Phenazine 5,10-Dioxides. <i>Chemical Research in Toxicology</i> , 2008, 21, 1900-1906.	3.3	28
10	Identification of chalcones as in vivo liver monofunctional phase II enzymes inducers. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5391-5399.	3.0	27
11	Cytotoxic palladium complexes of bio-reductive quinoxaline N1,N4-dioxide prodrugs. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1623-1629.	3.0	25
12	Study of benzo[a]phenazine 7,12-dioxide as selective hypoxic cytotoxin-scaffold. Identification of aerobic-antitumoral activity through DNA fragmentation. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4433-4440.	3.0	24
13	Structural modifications on the phenazine N,N'-dioxide-scaffold looking for new selective hypoxic cytotoxins. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5362-5369.	5.5	24
14	Identification of Chalcones as Fasciola hepatica Cathepsin L Inhibitors Using a Comprehensive Experimental and Computational Approach. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004834.	3.0	23
15	In vivo phase II-enzymes inducers, as potential chemopreventive agents, based on the chalcone and furoxan skeletons. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1665-1674.	3.0	18
16	Mutagenicity of N-oxide Containing Heterocycles and Related Compounds: Experimental and Theoretical Studies. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1374-1387.	2.1	18
17	Novel and Selective Rhipicephalus microplus Triosephosphate Isomerase Inhibitors with Acaricidal Activity. <i>Veterinary Sciences</i> , 2018, 5, 74.	1.7	13
18	Novel Phenazine 5,10-Dioxides Release [•] OH in Simulated Hypoxia and Induce Reduction of Tumour Volume <i>In Vivo</i> . <i>ISRN Pharmacology</i> , 2011, 2011, 1-11.	1.6	12

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19	Searching phase II enzymes inducers, from Michael acceptor-[1,2]dithiolethione hybrids, as cancer chemopreventive agents. <i>Future Medicinal Chemistry</i> , 2015, 7, 857-871.	2.3	12
20	Novel and selective inactivators of Triosephosphate isomerase with anti-trematode activity. <i>Scientific Reports</i> , 2020, 10, 2587.	3.3	12
21	3-H-[1,2]Dithiole as a New Anti-Trypanosoma cruzi Chemotype: Biological and Mechanism of Action Studies. <i>Molecules</i> , 2015, 20, 14595-14610.	3.8	11
22	Genetic toxicology and preliminary <i>in vivo</i> studies of nitric oxide donor tocopherol analogs as potential new class of antiatherogenic agents. <i>Drug and Chemical Toxicology</i> , 2011, 34, 285-293.	2.3	10
23	New hybrid bromopyridine-chalcones as <i>in vivo</i> phase II enzyme inducers: potential chemopreventive agents. <i>MedChemComm</i> , 2016, 7, 2395-2409.	3.4	8
24	A serendipitous one-step conversion of 3H-1,2-dithiole-3-thione to (E)-3-[1-(alkylthio)alkylidene]-3H-1,2-dithiole: an experimental and theoretical study. <i>Molecular Diversity</i> , 2014, 18, 285-294.	3.9	7
25	Cathepsin L Inhibitors with Activity against the Liver Fluke Identified From a Focus Library of Quinoxaline 1,4-di-N-Oxide Derivatives. <i>Molecules</i> , 2019, 24, 2348.	3.8	7
26	Biotransformation of Phenazine 5,10-Dioxides under Hypoxic Conditions as an Example of Activation of Anticancer Prodrug: An Interdisciplinary Experiment for Biochemistry or Organic Chemistry. <i>Journal of Chemical Education</i> , 2013, 90, 1388-1391.	2.3	4
27	New hits as phase II enzymes inducers from a focused library with heteroatom-heteroatom and Michael-acceptor motives. <i>Future Science OA</i> , 2015, 1, FSO20.	1.9	4
28	Bioactive-guided Identification of Labdane Diterpenoids from Aerial Parts of <i>Aristeguietia glutinosa</i> as anti-Trypanosoma cruzi agents. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	2
29	Identification and characterization of human interferon alpha inhibitors through a WISH cell line-based reporter gene assay. <i>Bioorganic Chemistry</i> , 2020, 94, 103372.	4.1	2
30	Frontispiece: Small Molecule Kinase Inhibitors Loaded Boron Cluster as Hybrid Agents for Glioma Cell Targeting Therapy. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0