JoÃ£o Ernesto De Carvalho

List of Publications by Year
in descending order

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72 papers	2,837 citations	172207 29 h-index	182168 51 g-index
73 all docs	73 docs citations	73 times ranked	4613 citing authors

#	Article	IF	Citations
1	Synthesis, anticancer activities and experimental-theoretical DNA interaction studies of 2-amino-4-phenyl-4H-benzo[h]chromene-3-carbonitrile. European Journal of Medicinal Chemistry Reports, 2022, 4, 100030.	0.6	6
2	Investigating the antiproliferative activities of new CuII complexes with pyridine hydrazone derivatives of nalidixic acid. Journal of Inorganic Biochemistry, 2022, 234, 111881.	1.5	2
3	Antibacterial activities and antiproliferative assays over a tumor cells panel of a silver complex with 4-aminobenzoic acid: Studies in vitro of sustained release using bacterial cellulose membranes as support. Journal of Inorganic Biochemistry, 2020, 212, 111247.	1.5	15
4	Bioguided Fractionation, and Antioxidant, Antiproliferative, and Anti-Inflammatory Activity of Annona cacans Warm. Journal of Medicinal Food, 2019, 22, 1078-1086.	0.8	4
5	New findings on the antiproliferative activity of the silver(I) complex with 5-fluorouracil against human multi-resistant NCI/ADR-RES ovarian tumor cells. Toxicology in Vitro, 2019, 60, 359-368.	1.1	10
6	Spilanthol, the Principal Alkylamide from Acmella oleracea, Attenuates 5-Fluorouracil-Induced Intestinal Mucositis in Mice. Planta Medica, 2019, 85, 203-209.	0.7	16
7	Synthesis, characterization, crystal structure and inÂvitro antiproliferative assays of the 2-thiouracilato(triphenylphosphine)gold(I) complex. Journal of Molecular Structure, 2019, 1178, 169-178.	1.8	8
8	Highly functionalized piperidines: Free radical scavenging, anticancer activity, DNA interaction and correlation with biological activity. Journal of Advanced Research, 2018, 9, 51-61.	4.4	36
9	Arrabidaea chicafor oral mucositis in patients with head and neck cancer: a protocol of a randomised clinical trial. BMJ Open, 2018, 8, e019505.	0.8	4
10	Lupeol and its esters: NMR, powder XRD data and in vitro evaluation of cancer cell growth. Brazilian Journal of Pharmaceutical Sciences, 2018, 53, .	1.2	16
11	Antitumor activity and toxicity of volatile oil from the leaves of Annona leptopetala. Revista Brasileira De Farmacognosia, 2018, 28, 602-609.	0.6	12
12	Synthesis of novel perillylâ€“dihydropyrimidinone hybrids designed for antiproliferative activity. MedChemComm, 2018, 9, 1553-1564.	3.5	18
13	Synthesis, characterization and in vitro biological assays of a silver(I) complex with 5-fluorouracil: A strategy to overcome multidrug resistant tumor cells. Journal of Fluorine Chemistry, 2017, 195, 93-101.	0.9	32
14	Thiosemicarbazones and 4-thiazolidinones indole-based derivatives: Synthesis, evaluation of antiproliferative activity, cell death mechanisms and topoisomerase inhibition assay. European Journal of Medicinal Chemistry, 2017, 136, 305-314.	2.6	62
15	Schinus terebinthifolius : phenolic constituents and in vitro antioxidant, antiproliferative and in vivo anti-inflammatory activities. Revista Brasileira De Farmacognosia, 2017, 27, 445-452.	0.6	25
16	Anti-inflammatory natural product goniothalamin reduces colitis-associated and sporadic colorectal tumorigenesis. Carcinogenesis, 2017, 38, 51-63.	1.3	22
17	Influence of pasteurization on antioxidant and in vitro anti-proliferative effects of jambolan (Syzygium cumini (L.) Skeels) fruit pulp. Industrial Crops and Products, 2016, 89, 225-230.	2.5	31
18	Evaluation of anti-inflammatory effect of derivative (E)- N -(4-bromophenyl)-2-(thiophen-2-ylmethylene)-thiosemicarbazone. Biomedicine and Pharmacotherapy, 2016, 80, 388-392.	2.5	18

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19	Synthesis and evaluation of novel hybrids Î² -carboline-4-thiazolidinones as potential antitumor and antiviral agents. European Journal of Medicinal Chemistry, 2016, 124, 1093-1104.	2.6	36
20	Essential oil from fruit of Xylopia langsdorffiana: antitumour activity and toxicity. Pharmaceutical Biology, 2016, 54, 3093-3102.	1.3	13
21	Ultrastructural Assessment of 2-(acridin-9-ylmethylene)-N-phenylhydrazinecarbothioamide activity on human breast adenocarcinoma cells. Micron, 2016, 90, 114-122.	1.1	4
22	New spiro-acridines: DNA interaction, antiproliferative activity and inhibition of human DNA topoisomerases. International Journal of Biological Macromolecules, 2016, 92, 467-475.	3.6	33
23	7,7-Dimethylaporphine and Other Alkaloids from the Bark of Guatteria friesiana. Journal of Natural Products, 2016, 79, 1524-1531.	1.5	20
24	Goniothalamin prevents the development of chemically induced and spontaneous colitis in rodents and induces apoptosis in the HT-29 human colon tumor cell line. Toxicology and Applied Pharmacology, 2016, 300, 1-12.	1.3	20
25	Anti-inflammatory therapies in TRAMP mice: delay in PCa progression. Endocrine-Related Cancer, 2016, 23, 235-250.	1.6	26
26	Antioxidant and antiproliferative activities in different maturation stages of broccoli (Brassica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	4.2	115
27	Seven-Membered Rings through Metal-Free Rearrangement Mediated by Hypervalent Iodine. Molecules, 2015, 20, 1475-1494.	1.7	19
28	(â˜')â€Tarchonanthuslactone: Design of New Analogues, Evaluation of their Antiproliferative Activity on Cancer Cell Lines, and Preliminary Mechanistic Studies. ChemMedChem, 2015, 10, 1687-1699.	1.6	10
29	Synthesis, DNA Binding, and Antiproliferative Activity of Novel Acridine-Thiosemicarbazone Derivatives. International Journal of Molecular Sciences, 2015, 16, 13023-13042.	1.8	73
30	Synthesis, Antiproliferative Activity and Molecular Properties Predictions of Galloyl Derivatives. Molecules, 2015, 20, 5360-5373.	1.7	49
31	Chitosan–tripolyphosphate nanoparticles as Arrabidaea chica standardized extract carrier: synthesis, characterization, biocompatibility, and antiulcerogenic activity. International Journal of Nanomedicine, 2015, 10, 3897.	3.3	87
32	Anticancer and Anti-Inflammatory Activities of a Standardized Dichloromethane Extract fromPiper umbellatumL. Leaves. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-8.	0.5	25
33	Synthesis of thiophene-thiosemicarbazone derivatives and evaluation of their inÂvitro and inÂvivo antitumor activities. European Journal of Medicinal Chemistry, 2015, 104, 148-156.	2.6	63
34	Anti-inflammatory and antinociceptive effects of racemic goniothalamin, a styryl lactone. Life Sciences, 2015, 139, 83-90.	2.0	23
35	Antiproliferative activity of synthetic fatty acid amides from renewable resources. Bioorganic and Medicinal Chemistry, 2015, 23, 340-347.	1.4	29
36	Gastroprotective effects of goniothalamin against ethanol and indomethacin-induced gastric lesions in rats: Role of prostaglandins, nitric oxide and sulfhydryl compounds. Chemico-Biological Interactions, 2014, 224, 206-212.	1.7	20

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37	Further constituents of Galianthe thalictroides (Rubiaceae) and inhibition of DNA topoisomerases I and IIÎ± by its cytotoxic Î²-carboline alkaloids. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1358-1361.	1.0	27
38	Design and Synthesis of Nâ€Acylated Azaâ€Goniothalamin Derivatives and Evaluation of Their in vitro and in vivo Antitumor Activity. ChemMedChem, 2014, 9, 2725-2743.	1.6	29
39	Synthesis and antitumor activity of novel 1-substituted phenyl 3-(2-oxo-1,3,4-oxadiazol-5-yl) Î²-carbolines and their Mannich bases. Bioorganic and Medicinal Chemistry, 2014, 22, 6867-6875.	1.4	32
40	Antiproliferative Activity and Induction of Apoptosis in PC-3 Cells by the Chalcone Cardamonin from Campomanesia adamantium (Myrtaceae) in a Bioactivity-Guided Study. Molecules, 2014, 19, 1843-1855.	1.7	53
41	Design, synthesis and in vitro evaluation against human cancer cells of 5-methyl-5-styryl-2,5-dihydrofuran-2-ones, a new series of goniothalamin analogues. Bioorganic and Medicinal Chemistry, 2013, 21, 5107-5117.	1.4	20
42	Enzymatic de-glycosylation of rutin improves its antioxidant and antiproliferative activities. Food Chemistry, 2013, 141, 266-273.	4.2	105
43	Pharmacological characterization of Solanum cernuum Vell.: 31-norcycloartanones with analgesic and anti-inflammatory properties. Inflammopharmacology, 2013, 22, 179-85.	1.9	13
44	Biological activities of the essential oil from the leaves ofXylopia laevigata(Annonaceae). Journal of Essential Oil Research, 2013, 25, 179-185.	1.3	10
45	Evaluation of the antioxidant, antiproliferative and antimutagenic potential of araÃ§Ã¡-boi fruit (Eugenia stipitata Mc Vaugh â€" Myrtaceae) of the Brazilian Amazon Forest. Food Research International, 2013, 50, 70-76.	2.9	52
46	Composition and Evaluation of the Anti-Inflammatory and Anticancer Activities of the Essential Oil from Annona sylvatica A. St.-Hil. Journal of Medicinal Food, 2013, 16, 20-25.	0.8	22
47	Synthesis and Evaluation of New Î²-Carboline-3-(4-benzylidene)-4H-oxazol-5-one Derivatives as Antitumor Agents. Molecules, 2012, 17, 6100-6113.	1.7	30
48	Synthesis, Antitumor, Antitrypanosomal and Antileishmanial Activities of Benzo[4,5]canthin-6-ones Bearing the <i>N</i>â€²-(Substituted benzylidene)-carbohydrazide and <i>N</i>-Alkylcarboxamide Groups at C-2. Chemical and Pharmaceutical Bulletin, 2012, 60, 1372-1379.	0.6	20
49	Jaboticaba peel: Antioxidant compounds, antiproliferative and antimutagenic activities. Food Research International, 2012, 49, 596-603.	2.9	188
50	Schistosoma mansoni: In vitro schistosomicidal activity of essential oil of Baccharis trimera (less) DC. Experimental Parasitology, 2012, 132, 135-143.	0.5	73
51	Synthesis of methoxylated goniothalamin, aza-goniothalamin and Î³-pyrones and their in vitro evaluation against human cancer cells. Bioorganic and Medicinal Chemistry, 2012, 20, 3635-3651.	1.4	38
52	In vitroandIn vivoAnticancer Activity of Extracts, Fractions, and Eupomatenoid-5 Obtained fromPiper regnelliiLeaves. Planta Medica, 2011, 77, 1482-1488.	0.7	21
53	Chemical composition and cytotoxic activity of the essential oil from the leaves of Casearia lasiophylla. Revista Brasileira De Farmacognosia, 2011, 21, 864-868.	0.6	25
54	Chemical constituents isolated from the bark of Guatteria blepharophylla (Annonaceae) and their antiproliferative and antimicrobial activities. Journal of the Brazilian Chemical Society, 2011, 22, 1111-1117.	0.6	29

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55	Synthesis and antitumor activity of Î²-carboline 3-(substituted-carbohydrazide) derivatives. Bioorganic and Medicinal Chemistry, 2011, 19, 6400-6408.	1.4	38
56	Effect of goniothalamin on the development of Ehrlich solid tumor in mice. Bioorganic and Medicinal Chemistry, 2010, 18, 6742-6747.	1.4	57
57	Synthesis, antiproliferative activity in cancer cells and theoretical studies of novel 6Î±,7Î²-dihydroxyvouacapan-17Î²-oic acid Mannich base derivatives. Bioorganic and Medicinal Chemistry, 2010, 18, 8172-8177.	1.4	15
58	Asymmetric total synthesis and antiproliferative activity of goniothalamin oxide isomers. Bioorganic Chemistry, 2009, 37, 52-56.	2.0	16
59	Effect of 6Î±,7Î²-dihydroxyvouacapan-17Î²-oic acid and its lactone derivatives on the growth of human cancer cells. Bioorganic Chemistry, 2009, 37, 96-100.	2.0	18
60	Antiproliferative properties of polyketides isolated from Virola sebifera leaves. Phytotherapy Research, 2008, 22, 127-130.	2.8	12
61	Synthesis and antitumoral activity of novel 3-(2-substituted-1,3,4-oxadiazol-5-yl) and 3-(5-substituted-1,2,4-triazol-3-yl) Î²-carboline derivatives. Bioorganic and Medicinal Chemistry, 2008, 16, 9660-9667.	1.4	89
62	Cytotoxicity of goniothalamin enantiomers in renal cancer cells: Involvement of nitric oxide, apoptosis and autophagy. Chemico-Biological Interactions, 2008, 176, 143-150.	1.7	45
63	Evaluation of wound healing properties of Arrabidaea chica Verlot extract. Journal of Ethnopharmacology, 2008, 118, 361-366.	2.0	115
64	Synthesis and differential antiproliferative activity of Biginelli compounds against cancer cell lines: Monastrol, oxo-monastrol and oxygenated analogues. Bioorganic Chemistry, 2006, 34, 173-182.	2.0	169
65	Cytotoxic activity of (S)-goniothalamin and analogues against human cancer cells. Bioorganic and Medicinal Chemistry, 2006, 14, 622-631.	1.4	128
66	Efeito de um hidrolisado de proteÃnas de soro de leite e de seus peptÃdeos na proteÃ§Ã£o de lesÃµes ulcerativas da mucosa gÃ¡strica de ratos. Revista De Nutricao, 2006, 19, 47-55.	0.4	5
67	(R)-Goniothalamin: total syntheses and cytotoxic activity against cancer cell lines. Bioorganic and Medicinal Chemistry, 2005, 13, 2927-2933.	1.4	100
68	Constituintes quÃmicos de Luehea divaricata Mart. (Tiliaceae). Quimica Nova, 2005, 28, 834-837.	0.3	56
69	Enantioselective syntheses of (R)- and (S)-argentilactone and their cytotoxic activities against cancer cell lines. Bioorganic and Medicinal Chemistry, 2004, 12, 5437-5442.	1.4	28
70	Antiulcerogenic Activity of Some Sesquiterpene Lactones Isolated from Artemisia annua. Planta Medica, 2002, 68, 515-518.	0.7	35
71	Antiulcerogenic activity of crude ethanol extract and some fractions obtained from aerial parts ofArtemisia annua L.. Phytotherapy Research, 2001, 15, 670-675.	2.8	27
72	Antiulcerogenic activity of crude hydroalcoholic extract of Rosmarinus officinalis L.. Journal of Ethnopharmacology, 2000, 69, 57-62.	2.0	93