Leticia Costa-Lotufo

List of Publications by Year
in descending order

315	8,212	47006	91884
papers	citations	h-index	g-index

324	324	324	10507
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Overview of the therapeutic potential of piplartine (piperlongumine). European Journal of Pharmaceutical Sciences, 2013, 48, 453-463.	4.0	252
2	Studies of the anticancer potential of plants used in Bangladeshi folk medicine. Journal of Ethnopharmacology, 2005, 99, 21-30.	4.1	193
3	In vivo growth-inhibition of Sarcoma 180 by piplartine and piperine, two alkaloid amides from Piper. Brazilian Journal of Medical and Biological Research, 2006, 39, 801-807.	1.5	155
4	Mass spectrometry-based metabolomics in microbiome investigations. Nature Reviews Microbiology, 2022, 20, 143-160.	28.6	148
5	The cytotoxic and embryotoxic effects of kaurenoic acid, a diterpene isolated from Copaifera langsdorffii oleo-resin. Toxicon, 2002, 40, 1231-1234.	1.6	132
6	In vitro andin vivo antitumor effect of 5-FU combined with piplartine and piperine. Journal of Applied Toxicology, 2008, 28, 156-163.	2.8	127
7	Antitumor properties of a sulfated polysaccharide from the red seaweed Champia feldmannii (Diazâ€Pifferer). Journal of Applied Toxicology, 2009, 29, 20-26.	2.8	125
8	Cytotoxic activity of Brazilian Cerrado plants used in traditional medicine against cancer cell lines. Journal of Ethnopharmacology, 2009, 123, 439-445.	4.1	122
9	In vivo growth-inhibition of Sarcoma 180 tumor by alginates from brown seaweed Sargassum vulgare. Carbohydrate Polymers, 2007, 69, 7-13.	10.2	105
10	Piplartine induces inhibition of leukemia cell proliferation triggering both apoptosis and necrosis pathways. Toxicology in Vitro, 2007, 21, 1-8.	2.4	97
11	Genotoxicity evaluation of kaurenoic acid, a bioactive diterpenoid present in Copaiba oil. Food and Chemical Toxicology, 2006, 44, 388-392.	3.6	91
12	Antiproliferative activity of pristimerin isolated from Maytenus ilicifolia (Celastraceae) in human HL-60 cells. Toxicology in Vitro, 2008, 22, 854-863.	2.4	88
13	Contamination of port zone sediments by metals from Large Marine Ecosystems of Brazil. Marine Pollution Bulletin, 2012, 64, 479-488.	5.0	85
14	The floating Sargassum (Phaeophyceae) of the South Atlantic Ocean â€“ likely scenarios. Phycologia, 2017, 56, 321-328.	1.4	85
15	Enriching cancer pharmacology with drugs of marine origin. British Journal of Pharmacology, 2020, 177, 3-27.	5.4	85
16	Genotoxic effects of aluminum chloride in cultured human lymphocytes treated in different phases of cell cycle. Food and Chemical Toxicology, 2007, 45, 1154-1159.	3.6	84
17	In-vitro and in-vivo antitumour activity of physalins B and D from Physalis angulata. Journal of Pharmacy and Pharmacology, 2010, 58, 235-241.	2.4	83
18	Folk uses and pharmacological properties of Casearia sylvestris: a medicinal review. Anais Da Academia Brasileira De Ciencias, 2011, 83, 1373-1384.	0.8	82

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19	Integrated quality assessment of sediments from harbour areas in Santos-SÃ£o Vicente Estuarine System, Southern Brazil. Estuarine, Coastal and Shelf Science, 2013, 130, 179-189.	2.1	81
20	A community resource for paired genomic and metabolomic data mining. Nature Chemical Biology, 2021, 17, 363-368.	8.0	81
21	(+)- and (â^')-Mutisianthol: First Total Synthesis, Absolute Configuration, and Antitumor Activity. Journal of Organic Chemistry, 2009, 74, 2561-2566.	3.2	80
22	3-Arylamino and 3-Alkoxy-nor-Î²-lapachone Derivatives: Synthesis and Cytotoxicity against Cancer Cell Lines. Journal of Medicinal Chemistry, 2010, 53, 504-508.	6.4	75
23	Casearin X, Its Degradation Product and Other Clerodane Diterpenes from Leaves of Casearia sylvestris: Evaluation of Cytotoxicity against Normal and Tumor Human Cells. Chemistry and Biodiversity, 2010, 7, 205-215.	2.1	74
24	Synthesis and evaluation of quinonoid compounds against tumor cell lines. European Journal of Medicinal Chemistry, 2011, 46, 399-410.	5.5	74
25	Induction of apoptosis by pterocarpans from Platymiscium floribundum in HL-60 human leukemia cells. Life Sciences, 2006, 78, 2409-2417.	4.3	73
26	Cytotoxic, trypanocidal activities and physicochemical parameters of nor-Â²-lapachone-based 1,2,3-triazoles. Journal of the Brazilian Chemical Society, 2009, 20, 635-643.	0.6	73
27	Synthesis and potent antitumor activity of new arylamino derivatives of nor-Î²-lapachone and nor-Î±-lapachone. Bioorganic and Medicinal Chemistry, 2007, 15, 7035-7041.	3.0	71
28	In vivo antitumoural activity and composition of an oil extract of Brazilian propolis. Food Chemistry, 2011, 126, 1239-1245.	8.2	70
29	Cytotoxic activity of naphthoquinones with special emphasis on juglone and its 5-O-methyl derivative. Chemico-Biological Interactions, 2010, 184, 439-448.	4.0	66
30	In vivo growth inhibition of sarcoma 180 by piperlonguminine, an alkaloid amide from the Piper species. Journal of Applied Toxicology, 2008, 28, 599-607.	2.8	65
31	Synthesis and cytotoxic activity of new acridine-thiazolidine derivatives. Bioorganic and Medicinal Chemistry, 2012, 20, 3533-3539.	3.0	63
32	Structureâ€“Activity Relationships for Withanolides as Inducers of the Cellular Heat-Shock Response. Journal of Medicinal Chemistry, 2014, 57, 2851-2863.	6.4	63
33	Biological activity in extracts of ascidians (Tunicata, Ascidiacea) from the northeastern Brazilian coast. Journal of Experimental Marine Biology and Ecology, 2003, 287, 93-101.	1.5	62
34	In vitro cytotoxicity against different human cancer cell lines of laticifer proteins of Calotropis procera (Ait.) R. Br. Toxicology in Vitro, 2007, 21, 1563-1573.	2.4	56
35	ComposiÃ§Ã£o quÃmica e atividade biolÃ³gica de extrato oleoso de prÃ³polis: uma alternativa ao extrato etanÃ³lico. Quimica Nova, 2009, 32, 296-302.	0.3	54
36	Synthesis of new 9-hydroxy-Î±- and 7-hydroxy-Î²-pyran naphthoquinones and cytotoxicity against cancer cell lines. Organic and Biomolecular Chemistry, 2011, 9, 4315.	2.8	54

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37	Multifunctional nanoemulsions for intraductal delivery as a new platform for local treatment of breast cancer. Drug Delivery, 2018, 25, 654-667.	5.7	54
38	Antibacterial, antifungal and cytotoxic activities exhibited by endophytic fungi from the Brazilian marine red alga Bostrychia tenella (Ceramiales). Revista Brasileira De Farmacognosia, 2015, 25, 641-650.	1.4	53
39	Large and remote marine protected areas in the South Atlantic Ocean are flawed and raise concerns: Comments on Soares and Lucas (2018). Marine Policy, 2018, 96, 13-17.	3.2	53
40	The antitumoral, trypanocidal and antileishmanial activities of extract and alkaloids isolated from Duguetia furfuracea. Phytomedicine, 2009, 16, 1059-1063.	5.3	52
41	Casearin X exhibits cytotoxic effects in leukemia cells triggered by apoptosis. Chemico-Biological Interactions, 2010, 188, 497-504.	4.0	52
42	Attenuating effects of melatonin on pilocarpine-induced seizures in rats. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2002, 131, 521-529.	2.6	51
43	Sediment quality assessment in a tropical estuary: The case of CearÃ¡ River, Northeastern Brazil. Marine Environmental Research, 2013, 91, 89-96.	2.5	51
44	Kaurenâ€19â€oic acid induces DNA damage followed by apoptosis in human leukemia cells. Journal of Applied Toxicology, 2009, 29, 560-568.	2.8	50
45	Seriniquinone, a selective anticancer agent, induces cell death by autophagocytosis, targeting the cancer-protective protein dermcidin. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14687-14692.	7.1	50
46	Marine drugs for cancer: surfacing biotechnological innovations from the oceans. Clinics, 2018, 73, e482s.	1.5	49
47	Antiproliferative Effects of Two Amides, Piperine and Piplartine, from Piper Species. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2005, 60, 539-543.	1.4	48
48	Antitumor Activity of the Essential Oil from the Leaves of Croton regelianus and Its Component Ascaridole. Chemistry and Biodiversity, 2009, 6, 1224-1231.	2.1	48
49	Synthesis and cytotoxic activity of Î±-santonin derivatives. European Journal of Medicinal Chemistry, 2009, 44, 3739-3745.	5.5	47
50	Polysaccharide isolated from Passiflora edulis: Characterization and antitumor properties. Carbohydrate Polymers, 2012, 87, 139-145.	10.2	47
51	Cytotoxic Flavonoids from Platymiscium floribundum. Journal of Natural Products, 2005, 68, 423-426.	3.0	46
52	Synthesis and cytotoxicity screening of substituted isobenzofuranones designed from anacardic acids. European Journal of Medicinal Chemistry, 2010, 45, 3480-3489.	5.5	46
53	Co-encapsulation of paclitaxel and C6 ceramide in tributyrin-containing nanocarriers improve co-localization in the skin and potentiate cytotoxic effects in 2D and 3D models. European Journal of Pharmaceutical Sciences, 2017, 109, 131-143.	4.0	46
54	What can we learn from commercial insecticides? Efficacy, toxicity, environmental impacts, and future developments. Environmental Pollution, 2022, 300, 118983.	7.5	46

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55	In vitro and in vivo antiproliferative activity of Calotropis procera stem extracts. Anais Da Academia Brasileira De Ciencias, 2010, 82, 407-416.	0.8	45
56	Optimization of composition and obtainment parameters of biocompatible nanoemulsions intended for intraductal administration of piplartine (piperlongumine) and mammary tissue targeting. International Journal of Pharmaceutics, 2019, 567, 118460.	5.2	45
57	In vivo growth-inhibition of Sarcoma 180 by an Î±-(1Ââ†'Â4)-glucanâ€"Î²-(1Ââ†'Â6)-glucan-protein complex polysaccharide obtained from Agaricus blazei Murill. Journal of Natural Medicines, 2009, 63, 32-40.	2.3	44
58	Cytotoxic Clerodane Diterpenes from Casearia rupestris. Journal of Natural Products, 2011, 74, 776-781.	3.0	44
59	Genotoxic and cytotoxic effects of manganese chloride in cultured human lymphocytes treated in different phases of cell cycle. Toxicology in Vitro, 2008, 22, 1032-1037.	2.4	43
60	Study of the antiproliferative potential of seed extracts from Northeastern Brazilian plants. Anais Da Academia Brasileira De Ciencias, 2011, 83, 1045-1058.	0.8	43
61	Amyrin esters induce cell death by apoptosis in HL-60 leukemia cells. Bioorganic and Medicinal Chemistry, 2011, 19, 1268-1276.	3.0	43
62	Pterocarpanquinones, aza-pterocarpanquinone and derivatives: Synthesis, antineoplasic activity on human malignant cell lines and antileishmanial activity on Leishmania amazonensis. Bioorganic and Medicinal Chemistry, 2011, 19, 6885-6891.	3.0	42
63	Bioprospecting for bioactives from seaweeds: potential, obstacles and alternatives. Revista Brasileira De Farmacognosia, 2012, 22, 894-905.	1.4	42
64	Evaluation of native and exotic Brazilian plants for anticancer activity. Journal of Natural Medicines, 2010, 64, 231-238.	2.3	41
65	Synthesis and Cytotoxic Activity of Some 3-Benzyl-5-Arylidenefuran-2(5H)-ones. Molecules, 2007, 12, 1101-1116.	3.8	40
66	Cytotoxic Guanidine Alkaloids from Pterogyne nitens. Journal of Natural Products, 2009, 72, 473-476.	3.0	40
67	Chemical and pharmacological characterization of halitoxin from Amphimedon viridis (Porifera) from the southeastern Brazilian coast. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1996, 115, 155-163.	0.5	39
68	Endophytic fungi found in association with Smallanthus sonchifolius (Asteraceae) as resourceful producers of cytotoxic bioactive natural products. Journal of Basic Microbiology, 2009, 49, 142-151.	3.3	39
69	Endophytic Actinobacteria from the Brazilian Medicinal Plant Lychnophora ericoides <scp>Mart</scp>. and the Biological Potential of Their Secondary Metabolites. Chemistry and Biodiversity, 2016, 13, 727-736.	2.1	39
70	Antitumor effect of laticifer proteins of Himatanthus drasticus (Mart.) Plumel â€" Apocynaceae. Journal of Ethnopharmacology, 2011, 137, 421-426.	4.1	38
71	Biological evaluation of twenty-eight ferrocenyl tetrasubstituted olefins: Cancer cell growth inhibition, ROS production and hemolytic activity. European Journal of Medicinal Chemistry, 2011, 46, 3778-3787.	5.5	38
72	Evaluation of the genotoxicity of piplartine, an alkamide of Piper tuberculatum, in yeast and mammalian V79 cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 652, 164-174.	1.7	37

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73	In vivo growth inhibition of sarcoma 180 by latex proteins from Calotropis procera. Naunyn-Schmiedeberg's Archives of Pharmacology, 2010, 382, 139-149.	3.0	37
74	Larvicidal and Nematicidal Activities of the Leaf Essential Oil of Croton regelianus. Chemistry and Biodiversity, 2008, 5, 2724-2728.	2.1	36
75	Structure Elucidation and Anticancer Activity of 7-Oxostaurosporine Derivatives from the Brazilian Endemic Tunicate Eudistoma vannamei. Marine Drugs, 2012, 10, 1092-1102.	4.6	36
76	Discovery of Phthalimides as Immunomodulatory and Antitumor Drug Prototypes. ChemMedChem, 2010, 5, 523-528.	3.2	35
77	Synthesis and antitumour evaluation of peptidyl-like derivatives containing the 1,3-benzodioxole system. European Journal of Medicinal Chemistry, 2007, 42, 351-357.	5.5	34
78	In vitro cytotoxic activity of Brazilian Middle West plant extracts. Revista Brasileira De Farmacognosia, 2011, 21, 456-464.	1.4	34
79	Antigenotoxicity and Antioxidant Activity of Acerola Fruit (Malpighia glabra L.) at Two Stages of Ripeness. Plant Foods for Human Nutrition, 2011, 66, 129-135.	3.2	34
80	1,3-Dimethylisoguanine, a New Purine from the Marine SpongeAmphimedon viridis. Journal of Natural Products, 1997, 60, 729-731.	3.0	33
81	Cytotoxic Clerodane Diterpenoids from Casearia obliqua. Journal of Natural Products, 2009, 72, 1847-1850.	3.0	33
82	Synthesis and anticancer activities of some novel 2-(benzo[d]thiazol-2-yl)-8-substituted-2H-pyrazolo[4,3-c]quinolin-3(5H)-ones. European Journal of Medicinal Chemistry, 2011, 46, 1448-1452.	5.5	33
83	Growth inhibitory effects of 3â€²-nitro-3-phenylamino nor-beta-lapachone against HL-60: A redox-dependent mechanism. Toxicology in Vitro, 2012, 26, 585-594.	2.4	33
84	Botryane terpenoids produced by Nemania bipapillata, an endophytic fungus isolated from red alga Asparagopsis taxiformis - Falkenbergia stage. Scientific Reports, 2019, 9, 12318.	3.3	33
85	Antileukemic effects of Didemnum psammatodes (Tunicata: Ascidiacea) constituents. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, 363-369.	1.8	32
86	Novel platinum(ii) complexes of 3-(aminomethyl)naphthoquinone Mannich bases: synthesis, crystal structure and cytotoxic activities. Dalton Transactions, 2010, 39, 10203.	3.3	32
87	Bioassay-guided fractionation of pterocarpans from roots of Harpalyce brasiliana Benth. Bioorganic and Medicinal Chemistry, 2007, 15, 6687-6691.	3.0	31
88	Structureâ€“mutagenicity relationship of kaurenoic acid from Xylopia sericeae (Annonaceae). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 701, 153-163.	1.7	31
89	Bioactive extracts and chemical constituents of two endophytic strains of Fusarium oxysporum. Revista Brasileira De Farmacognosia, 2012, 22, 1276-1281.	1.4	31
90	Anthracyclinones from Micromonospora sp.. Journal of Natural Products, 2012, 75, 489-493.	3.0	31

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91	Effects of harbor activities on sediment quality in a semi-arid region in Brazil. Ecotoxicology and Environmental Safety, 2017, 135, 137-151.	6.0	31
92	Synthesis of novel Î±-santonin derivatives as potential cytotoxic agents. European Journal of Medicinal Chemistry, 2010, 45, 6045-6051.	5.5	30
93	Cytotoxicity of Î´-tocotrienols from Kielmeyera coriacea against cancer cell lines. Bioorganic and Medicinal Chemistry, 2011, 19, 623-630.	3.0	30
94	Effect of nanoemulsion modification with chitosan and sodium alginate on the topical delivery and efficacy of the cytotoxic agent piplartine in 2D and 3D skin cancer models. International Journal of Biological Macromolecules, 2020, 165, 1055-1065.	7.5	30
95	Synthesis and Biological Evaluation of Rigid Polycyclic Derivatives of the Diels-Alder Adduct Tricyclo[6.2.1.02,7]undeca-4,9-dien-3,6-dione. Molecules, 2007, 12, 271-282.	3.8	29
96	Physiological responses of the European cockle Cerastoderma edule (Bivalvia: Cardidae) as indicators of coastal lagoon pollution. Science of the Total Environment, 2012, 435-436, 44-52.	8.0	29
97	Cytotoxic Activity of Chalcones Isolated fromLonchocarpus Sericeus(Pocr.) Kunth. Phytotherapy Research, 2003, 17, 155-159.	5.8	28
98	Antitumor Activity of Biflorin, an o-Naphthoquinone Isolated from Capraria biflora. Biological and Pharmaceutical Bulletin, 2007, 30, 1416-1421.	1.4	28
99	DNA damaging agents and DNA repair: From carcinogenesis to cancer therapy. Cancer Genetics, 2021, 252-253, 6-24.	0.4	28
100	Metabolomic study of marine Streptomyces sp.: Secondary metabolites and the production of potential anticancer compounds. PLoS ONE, 2020, 15, e0244385.	2.5	28
101	Cytotoxic activity of a dichloromethane extract and fractions obtained from Eudistoma vannamei (Tunicata: Ascidiacea). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, 391-398.	1.8	27
102	Biomimetic Oxidation of Piperine and Piplartine Catalyzed by Iron(III) and Manganese(III) Porphyrins. Biological and Pharmaceutical Bulletin, 2010, 33, 912-916.	1.4	27
103	Synthesis and Biological Evaluation of 2,5-Bis(alkylamino)-1,4-benzoquinones. Molecules, 2010, 15, 5629-5643.	3.8	27
104	Cytotoxic Activity of Fungal Strains Isolated from the Ascidian Eudistoma vannamei. Chemistry and Biodiversity, 2012, 9, 2203-2209.	2.1	27
105	A new approach for the synthesis of 3-substituted cytotoxic nor-β-lapachones. Journal of the Brazilian Chemical Society, 2013, 24, 12-16.	0.6	27
106	Antiproliferative Effects of Several Compounds Isolated from Amburana cearensis A. C. Smith. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2003, 58, 675-680.	1.4	26
107	Cytotoxic Epimeric Withaphysalins from Leaves ofAcnistus arborescens. Planta Medica, 2004, 70, 551-555.	1.3	26
108	Inhibition of DNA topoisomerase I activity and induction of apoptosis by thiazacridine derivatives. Toxicology and Applied Pharmacology, 2013, 268, 37-46.	2.8	26

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109	Bioactivity of Biflorin, a Typical o-Naphthoquinone Isolated from Capraria biflora L.. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2005, 60, 394-398.	1.4	25
110	Cytotoxic Abietane Diterpenes from Hyptis martiusii Benth.. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2006, 61, 177-183.	1.4	25
111	Biological activity of neosergeolide and isobrucein B (and two semi-synthetic derivatives) isolated from the Amazonian medicinal plant Picrolemma sprucei (Simaroubaceae). Memorias Do Instituto Oswaldo Cruz, 2009, 104, 48-56.	1.6	25
112	Organismos marinhos como fonte de novos fÃ¡rmacos: histÃ³rico & perspectivas. Quimica Nova, 2009, 32, 703-716.	0.3	25
113	Synthesis and biological evaluation of cytotoxic properties of stilbene-based resveratrol analogs. European Journal of Medicinal Chemistry, 2009, 44, 701-707.	5.5	25
114	Bioprospection of Cytotoxic Compounds in Fungal Strains Recovered from Sediments of the Brazilian Coast. Chemistry and Biodiversity, 2015, 12, 432-442.	2.1	25
115	Production of an Antiproliferative Furanoheliangolide by Lychnophora ericoides Cell Culture. Chemical and Pharmaceutical Bulletin, 2004, 52, 1433-1435.	1.3	24
116	Oxidative stress induction by (+)-cordiaquinone J triggers both mitochondria-dependent apoptosis and necrosis in leukemia cells. Chemico-Biological Interactions, 2010, 183, 369-379.	4.0	24
117	Chemical Constituents of Papulaspora immersa, an Endophyte from Smallanthus sonchifolius (Asteraceae), and Their Cytotoxic Activity. Chemistry and Biodiversity, 2010, 7, 2941-2950.	2.1	24
118	Cytotoxic compounds from the marine-derived fungusAspergillussp. recovered from the sediments of the Brazilian coast. Natural Product Research, 2015, 29, 1545-1550.	1.8	24
119	Prospecting Anticancer Compounds in Actinomycetes Recovered from the Sediments of Saint Peter and Saint Paul's Archipelago, Brazil. Chemistry and Biodiversity, 2016, 13, 1149-1157.	2.1	23
120	Piplartine induces genotoxicity in eukaryotic but not in prokaryotic model systems. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 677, 8-13.	1.7	22
121	Theoretical studies of the tautomerism in 3-(2-R-Phenylhydrazono)-naphthalene- 1,2,4-triones: synthesis of copper(II) complexes and studies of antibacterial and antitumor activities. Journal of the Brazilian Chemical Society, 2010, 21, 1293-1302.	0.6	22
122	Synthesis of carbohydrate-based naphthoquinones and their substituted phenylhydrazono derivatives as anticancer agents. RSC Advances, 2012, 2, 11438.	3.6	22
123	Cytotoxic Plakortides from the Brazilian Marine Sponge Plakortis angulospiculatus. Journal of Natural Products, 2015, 78, 996-1004.	3.0	22
124	ATP-competitive, marine derived natural products that target the DEAD box helicase, eIF4A. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4082-4085.	2.2	22
125	Caffeoylquinic Acids: Separation Method, Antiradical Properties and Cytotoxicity. Chemistry and Biodiversity, 2019, 16, e1900093.	2.1	22
126	Antiproliferative Effects of Abietane Diterpenes fromAegiphila lhotzkyana. Planta Medica, 2004, 70, 180-182.	1.3	21

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127	Melatonin modulates rat myotube-acetylcholine receptors by inhibiting calmodulin. European Journal of Pharmacology, 2005, 525, 24-31.	3.5	21
128	Involvement of intrinsic mitochondrial pathway in neosergeolide-induced apoptosis of human HL-60 leukemia cells: The role of mitochondrial permeability transition pore and DNA damage. Pharmaceutical Biology, 2012, 50, 980-993.	2.9	21
129	Ritterostatin G_N1_N, a Cephalostatinâ€“Ritterazine Bisâ€steroidal Pyrazine Hybrid, Selectively Targets GRP78. ChemBioChem, 2017, 18, 506-510.	2.6	21
130	Synthesis and biological evaluation of new salicylate macrolactones from anacardic acids. Journal of the Brazilian Chemical Society, 2005, 16, 1217-1225.	0.6	20
131	Antimitotic Properties of Pterocarpans Isolated fromPlatymiscium floribundumon Sea Urchin Eggs. Planta Medica, 2005, 71, 683-685.	1.3	20
132	A Cytotoxic Meroterpenoid Benzoquinone from Roots ofCordia globosa. Planta Medica, 2005, 71, 54-58.	1.3	20
133	Constituintes quÃmicos de Parmotrema lichexanthonicum Eliasaro & Adler: isolamento, modificaÃ§Ãµes estruturais e avaliaÃ§Ã£o das atividades antibiÃ³tica e citotÃ³xica. Quimica Nova, 2009, 32, 12-20.	0.3	20
134	Guanidine Alkaloids from Monanchora arbuscula: Chemistry and Antitumor Potential. Chemistry and Biodiversity, 2011, 8, 1433-1445.	2.1	20
135	Chromomycin A2 Induces Autophagy in Melanoma Cells. Marine Drugs, 2014, 12, 5839-5855.	4.6	20
136	New antimalarial and cytotoxic 4-nerolidylcatechol derivatives. European Journal of Medicinal Chemistry, 2009, 44, 2731-2735.	5.5	19
137	Biomarkers in mangrove root crab Goniopsis cruentata for evaluating quality of tropical estuaries. Marine Environmental Research, 2013, 91, 80-88.	2.5	19
138	Toxicity of spike fragments SARS-CoV-2 S protein for zebrafish: A tool to study its hazardous for human health?. Science of the Total Environment, 2022, 813, 152345.	8.0	19
139	Pro-apoptotic activity of lipidic Î±-amino acids isolated from Protopalythoa variabilis. Bioorganic and Medicinal Chemistry, 2010, 18, 7997-8004.	3.0	18
140	The in-vitro and in-vivo inhibitory activity of biflorin in melanoma. Melanoma Research, 2011, 21, 106-114.	1.2	18
141	Palyosulfonoceramides A and B: Unique Sulfonylated Ceramides from the Brazilian Zoanthids Palythoa caribaeorum and Protopalyhtoa variabilis. Marine Drugs, 2012, 10, 2846-2860.	4.6	18
142	In vitroandin vivoanticancer properties of cucurbitacin isolated fromCayaponia racemosa. Pharmaceutical Biology, 2012, 50, 1479-1487.	2.9	18
143	Cytotoxicity against tumor cell lines and anti-inflammatory properties of chitinases from Calotropis procera latex. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 1005-1013.	3.0	18
144	Antiproliferative effects of abietane diterpenoids isolated from Hyptis martiusii Benth (Labiatae). Die Pharmazie, 2004, 59, 78-9.	0.5	18

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145	Selective cytotoxicity of withaphysalins in myeloid leukemia cell lines versus peripheral blood mononuclear cells. Life Sciences, 2006, 79, 1692-1701.	4.3	17
146	The renal effects of alginates isolated from brown seaweed Sargassum vulgare. Journal of Applied Toxicology, 2008, 28, 364-369.	2.8	17
147	Evaluation of the cytotoxic and antimutagenic effects of biflorin, an antitumor 1,4 o-naphthoquinone isolated from Capraria biflora L. Archives of Toxicology, 2010, 84, 799-810.	4.2	17
148	Differential metabolic and biological profiles of Lychnophora ericoides mart. (Asteraceae) from different localities in the Brazilian "campos rupestres". Journal of the Brazilian Chemical Society, 2010, 21, 750-759.	0.6	17
149	Reâ€investigation of the fragmentation of protonated carotenoids by electrospray ionization and nanospray tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 1540-1548.	1.5	17
150	Withanolides from leaves of cultivated Acnistus arborescens. Phytochemistry, 2016, 130, 321-327.	2.9	17
151	New insights into 3-(aminomethyl)naphthoquinones: Evaluation of cytotoxicity, electrochemical behavior and search for structureâ€“activity correlation. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3537-3542.	2.2	17
152	In vitro antitumor effect of a lignan isolated from Combretum fruticosum, trachelogenin, in HCT-116 human colon cancer cells. Toxicology in Vitro, 2018, 47, 129-136.	2.4	17
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