

Raquel C Montenegro

List of Publications by Year in descending order

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87
papers

2,789
citations

159358
30
h-index

197535
49
g-index

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all docs

88
docs citations

88
times ranked

4982
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genomic Ancestry of Individuals from Different Geographical Regions of Brazil Is More Uniform Than Expected. <i>PLoS ONE</i> , 2011, 6, e17063.	1.1	489
2	Antiproliferative activity of pristimerin isolated from <i>Maytenus ilicifolia</i> (Celastraceae) in human HL-60 cells. <i>Toxicology in Vitro</i> , 2008, 22, 854-863.	1.1	88
3	MYC, FBXW7 and TP53 copy number variation and expression in Gastric Cancer. <i>BMC Gastroenterology</i> , 2013, 13, 141.	0.8	80
4	MYC Deregulation in Gastric Cancer and Its Clinicopathological Implications. <i>PLoS ONE</i> , 2013, 8, e64420.	1.1	77
5	3-Arylamino and 3-Alkoxy-nor- $\hat{1}^2$ -lapachone Derivatives: Synthesis and Cytotoxicity against Cancer Cell Lines. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 504-508.	2.9	75
6	Cytotoxic, trypanocidal activities and physicochemical parameters of nor- $\hat{1}^2$ -lapachone-based 1,2,3-triazoles. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 635-643.	0.6	73
7	Synthesis and potent antitumor activity of new arylamino derivatives of nor- $\hat{1}^2$ -lapachone and nor- $\hat{1}^{\pm}$ -lapachone. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 7035-7041.	1.4	71
8	Composition, antioxidant capacity and cytotoxic activity of <i>Eugenia uniflora</i> L. chemotype-oils from the Amazon. <i>Journal of Ethnopharmacology</i> , 2019, 232, 30-38.	2.0	67
9	Cytotoxic activity of naphthoquinones with special emphasis on juglone and its 5-O-methyl derivative. <i>Chemico-Biological Interactions</i> , 2010, 184, 439-448.	1.7	66
10	Essential oils of Amazon Piper species and their cytotoxic, antifungal, antioxidant and anti-cholinesterase activities. <i>Industrial Crops and Products</i> , 2014, 58, 55-60.	2.5	62
11	Molecular analysis of oral bacteria in dental biofilm and atherosclerotic plaques of patients with vascular disease. <i>International Journal of Cardiology</i> , 2014, 174, 710-712.	0.8	61
12	Relationship of <i>EGFR</i> Mutations, Expression, Amplification, and Polymorphisms to Epidermal Growth Factor Receptor Inhibitors in the NCI60 Cell Lines. <i>Clinical Cancer Research</i> , 2007, 13, 6788-6795.	3.2	59
13	Genotoxic effects of aluminum, iron and manganese in human cells and experimental systems: A review of the literature. <i>Human and Experimental Toxicology</i> , 2011, 30, 1435-1444.	1.1	56
14	Synthesis of new 9-hydroxy- $\hat{1}^{\pm}$ - and 7-hydroxy- $\hat{1}^2$ -pyran naphthoquinones and cytotoxicity against cancer cell lines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4315.	1.5	54
15	Chemical Constituents from <i>Lippia sidoides</i> and Cytotoxic Activity. <i>Journal of Natural Products</i> , 2001, 64, 792-795.	1.5	52
16	Casearin X exhibits cytotoxic effects in leukemia cells triggered by apoptosis. <i>Chemico-Biological Interactions</i> , 2010, 188, 497-504.	1.7	52
17	Synthesis and anticancer activity of (E)-2-benzothiazole hydrazones. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 12-16.	2.6	52
18	Prognostic and Predictive Significance of MYC and KRAS Alterations in Breast Cancer from Women Treated with Neoadjuvant Chemotherapy. <i>PLoS ONE</i> , 2013, 8, e60576.	1.1	49

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19	The anthelmintic drug mebendazole inhibits growth, migration and invasion in gastric cancer cell model. <i>Toxicology in Vitro</i> , 2015, 29, 2038-2044.	1.1	44
20	BET inhibition as a new strategy for the treatment of gastric cancer. <i>Oncotarget</i> , 2016, 7, 43997-44012.	0.8	44
21	Genotoxic and cytotoxic effects of manganese chloride in cultured human lymphocytes treated in different phases of cell cycle. <i>Toxicology in Vitro</i> , 2008, 22, 1032-1037.	1.1	43
22	The miRNA Profile of Platelets Stored in a Blood Bank and Its Relation to Cellular Damage from Storage. <i>PLoS ONE</i> , 2015, 10, e0129399.	1.1	41
23	YWHAE silencing induces cell proliferation, invasion and migration through the up-regulation of CDC25B and MYC in gastric cancer cells: new insights about YWHAE role in the tumor development and metastasis process. <i>Oncotarget</i> , 2016, 7, 85393-85410.	0.8	40
24	Assessing histone demethylase inhibitors in cells: lessons learned. <i>Epigenetics and Chromatin</i> , 2017, 10, 9.	1.8	40
25	Molecular Analysis of Oral Bacteria in Heart Valve of Patients With Cardiovascular Disease by Real-Time Polymerase Chain Reaction. <i>Medicine (United States)</i> , 2015, 94, e2067.	0.4	39
26	Biological evaluation of twenty-eight ferrocenyl tetrasubstituted olefins: Cancer cell growth inhibition, ROS production and hemolytic activity. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3778-3787.	2.6	38
27	Synthesis and anticancer activities of some novel 2-(benzo[d]thiazol-2-yl)-8-substituted-2H-pyrazolo[4,3-c]quinolin-3(5H)-ones. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1448-1452.	2.6	33
28	Growth inhibitory effects of 3-nitro-3-phenylamino nor-beta-lapachone against HL-60: A redox-dependent mechanism. <i>Toxicology in Vitro</i> , 2012, 26, 585-594.	1.1	33
29	Deregulated Expression of SRC, LYN and CKB Kinases by DNA Methylation and Its Potential Role in Gastric Cancer Invasiveness and Metastasis. <i>PLoS ONE</i> , 2015, 10, e0140492.	1.1	33
30	Differential expression of hsa-miR-221, hsa-miR-21, hsa-miR-135b, and hsa-miR-29c suggests a field effect in oral cancer. <i>BMC Cancer</i> , 2018, 18, 721.	1.1	33
31	Chemical Composition of Four Essential Oils of <i>Eugenia</i> from the Brazilian Amazon and Their Cytotoxic and Antioxidant Activity. <i>Medicines (Basel, Switzerland)</i> , 2017, 4, 51.	0.7	31
32	Evaluation of in vivo and in vitro toxicological and genotoxic potential of aluminum chloride. <i>Chemosphere</i> , 2017, 175, 130-137.	4.2	27
33	Cytotoxic Epimeric Withaphysalins from Leaves of <i>Acnistus arborescens</i> . <i>Planta Medica</i> , 2004, 70, 551-555.	0.7	26
34	Bioactivity of Biflorin, a Typical o-Naphthoquinone Isolated from <i>Capraria biflora</i> L.. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2005, 60, 394-398.	0.6	25
35	Cytotoxic Abietane Diterpenes from <i>Hyptis martiusii</i> Benth.. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006, 61, 177-183.	0.6	25
36	Biological activity of neosergeolide and isobrucein B (and two semi-synthetic derivatives) isolated from the Amazonian medicinal plant <i>Picrolemma sprucei</i> (Simaroubaceae). <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 48-56.	0.8	25

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37	Synthesis and biological evaluation of cytotoxic properties of stilbene-based resveratrol analogs. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 701-707.	2.6	25
38	Recurrent amplification of RTEL1 and ABCA13 and its synergistic effect associated with clinicopathological data of gastric adenocarcinoma. <i>Molecular Cytogenetics</i> , 2016, 9, 52.	0.4	25
39	Oxidative stress induction by (+)-cordiaquinone J triggers both mitochondria-dependent apoptosis and necrosis in leukemia cells. <i>Chemico-Biological Interactions</i> , 2010, 183, 369-379.	1.7	24
40	Gastric cancer management: Kinases as a target therapy. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 613-622.	0.9	24
41	mtDNA structure: the women who formed the Brazilian Northeast. <i>BMC Evolutionary Biology</i> , 2017, 17, 185.	3.2	24
42	Synthesis of carbohydrate-based naphthoquinones and their substituted phenylhydrazono derivatives as anticancer agents. <i>RSC Advances</i> , 2012, 2, 11438.	1.7	22
43	A Cytotoxic Meroterpenoid Benzoquinone from Roots of <i>Cordia globosa</i> . <i>Planta Medica</i> , 2005, 71, 54-58.	0.7	20
44	The in-vitro and in-vivo inhibitory activity of biflorin in melanoma. <i>Melanoma Research</i> , 2011, 21, 106-114.	0.6	18
45	Mebendazole induces apoptosis via C-MYC inactivation in malignant ascites cell line (AGP01). <i>Toxicology in Vitro</i> , 2019, 60, 305-312.	1.1	18
46	Evaluation of the cytotoxic and antimutagenic effects of biflorin, an antitumor 1,4 o-naphthoquinone isolated from <i>Capraria biflora</i> L. <i>Archives of Toxicology</i> , 2010, 84, 799-810.	1.9	17
47	Synthesis of a new class of naphthoquinone glycoconjugates and evaluation of their potential as antitumoral agents. <i>RSC Advances</i> , 2015, 5, 96222-96229.	1.7	17
48	Human Papillomavirus Genotype Distribution among Cervical Cancer Patients prior to Brazilian National HPV Immunization Program. <i>Journal of Environmental and Public Health</i> , 2017, 2017, 1-9.	0.4	17
49	The human pandemic coronaviruses on the show: The spike glycoprotein as the main actor in the coronaviruses play. <i>International Journal of Biological Macromolecules</i> , 2021, 179, 1-19.	3.6	17
50	Arylated 1±- and 1²-dihydrofuran naphthoquinones: Electrochemical parameters, evaluation of antitumor activity and their correlation. <i>Electrochimica Acta</i> , 2013, 110, 634-640.	2.6	16
51	A novel o-naphthoquinone inhibits N-cadherin expression and blocks melanoma cell invasion via AKT signaling. <i>Toxicology in Vitro</i> , 2013, 27, 2076-2083.	1.1	16
52	Antitumor Activity of Pisosterol in Mice Bearing with S180 Tumor. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 454-457.	0.6	14
53	Synthesis, Cytotoxicity and Mechanistic Evaluation of 4-Oxoquinoline-3-carboxamide Derivatives: Finding New Potential Anticancer Drugs. <i>Molecules</i> , 2014, 19, 6651-6670.	1.7	14
54	Synthesis and Biological Evaluation of Novel 6-Hydroxy-benzo[d][1,3]oxathiol-2-one Schiff Bases as Potential Anticancer Agents. <i>Molecules</i> , 2015, 20, 1968-1983.	1.7	13

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55	Composition and cytotoxic and antioxidant activities of the oil of <i>Piper aequale</i> Vahl. <i>Lipids in Health and Disease</i> , 2016, 15, 174.	1.2	13
56	Antioxidant and Cytotoxic Activities of Myrtaceae Essential Oils Rich in Terpenoids From Brazil. <i>Natural Product Communications</i> , 2021, 16, 1934578X2199615.	0.2	13
57	1-(7-Chloroquinolin-4-yl)-2-[(1H-pyrrol-2-yl)methylene]hydrazine: a potent compound against cancer. <i>Medicinal Chemistry Research</i> , 2012, 21, 3615-3619.	1.1	12
58	Electrochemical, spectroscopic and pharmacological approaches toward the understanding of biflorin DNA damage effects. <i>Journal of Electroanalytical Chemistry</i> , 2016, 765, 168-178.	1.9	12
59	Mebendazole, an antiparasitic drug, inhibits drug transporters expression in preclinical model of gastric peritoneal carcinomatosis. <i>Toxicology in Vitro</i> , 2017, 43, 87-91.	1.1	12
60	Small benzothiazole molecule induces apoptosis and prevents metastasis through DNA interaction and c-MYC gene suppression in diffuse-type gastric adenocarcinoma cell line. <i>Chemico-Biological Interactions</i> , 2018, 294, 118-127.	1.7	12
61	Studies on the Cytotoxicity of Miscellaneous Compounds from <i>Eupatorium betonicaeforme</i> (D.C.) Baker (Asteraceae). <i>Chemistry and Biodiversity</i> , 2007, 4, 2835-2844.	1.0	11
62	Studies on the Secondary Metabolites of a <i>Pseudoalteromonas</i> sp. Isolated from Sediments Collected at the Northeastern Coast of Brazil. <i>Chemistry and Biodiversity</i> , 2012, 9, 418-427.	1.0	11
63	Anticancer potential of benzothiazolic derivative (E)-2-((2-(benzo[d]thiazol-2-yl)hydrazono)methyl)-4-nitrophenol against melanoma cells. <i>Toxicology in Vitro</i> , 2018, 50, 225-235.	1.1	11
64	Differential Expression Profile of MicroRNAs During Prolonged Storage of Platelet Concentrates As a Quality Measurement Tool in Blood Banks. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 653-664.	1.0	11
65	HighVia™ A Flexible Live-Cell High-Content Screening Pipeline to Assess Cellular Toxicity. <i>SLAS Discovery</i> , 2020, 25, 801-811.	1.4	11
66	Synthesis and Antitumor Evaluation of (E)-2-Benzothiazole Hydrazones. <i>Letters in Drug Design and Discovery</i> , 2010, 7, 551-555.	0.4	11
67	Cytotoxic Activity of Pisosterol, a Triterpene Isolated from <i>Pisolithus tinctorius</i> (Michx.: Pers.) Coker & Couch, 1928. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004, 59, 519-522.	0.6	10
68	22 [∆] -hydroxytingenone induces apoptosis and suppresses invasiveness of melanoma cells by inhibiting MMP-9 activity and MAPK signaling. <i>Journal of Ethnopharmacology</i> , 2021, 267, 113605.	2.0	9
69	Cytotoxic Activity of Polysubstituted 7-chloro-4-quinolinylhydrazone Derivatives. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 251-256.	0.4	9
70	Cell cycle arrest induced by Pisosterol in HL60 cells with gene amplification. <i>Cell Biology and Toxicology</i> , 2009, 25, 245-251.	2.4	7
71	Inhibitory effect of pisosterol on human glioblastoma cell lines with c-MYC amplification. <i>Journal of Applied Toxicology</i> , 2011, 31, 554-560.	1.4	7
72	Biflorin induces cytotoxicity by DNA interaction in genetically different human melanoma cell lines. <i>Toxicology in Vitro</i> , 2016, 34, 237-245.	1.1	7

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73	Organic effects of associating paclitaxel with a lipid-based nanoparticle system on a nonhuman primate, Cebus apella. International Journal of Nanomedicine, 2017, Volume 12, 3827-3837.	3.3	7
74	Neutralizing Effect of Synthetic Peptides toward SARS-CoV-2. ACS Omega, 2022, 7, 16222-16234.	1.6	7
75	Genetic diversity of human papillomavirus types 35, 45 and 58 in cervical cancer in Brazil. Archives of Virology, 2017, 162, 2855-2860.	0.9	6
76	Population stratification effect on cancer susceptibility in an admixed population from Brazilian Amazon. Anticancer Research, 2015, 35, 2009-14.	0.5	6
77	Biflorin inhibits the proliferation of gastric cancer cells by decreasing MYC expression. Toxicology in Vitro, 2020, 63, 104735.	1.1	5
78	Kinase inhibitor screening reveals auroraâ kinase is a potential therapeutic and prognostic biomarker of gastric cancer. Journal of Cellular Biochemistry, 2021, 122, 1376-1388.	1.2	5
79	New insights on intercontinental origins of paternal lineages in Northeast Brazil. BMC Evolutionary Biology, 2020, 20, 15.	3.2	5
80	Pisosterol induces interphase arrest in HL60 cells with C-MYC amplification. Human and Experimental Toxicology, 2010, 29, 235-240.	1.1	4
81	New flavone and other compounds from Tephrosia egregia: assessing the cytotoxic effect on human tumor cell lines. Revista Brasileira De Farmacognosia, 2018, 28, 333-338.	0.6	3
82	First-time Isolation of Flavonoids and Cytotoxic Potential of the Amazonian Shrub Ptychopetalum olacoides Benth. Revista Virtual De Quimica, 2017, 9, 2299-2304.	0.1	2
83	3,3-Diisopentenyl-N-Methyl-2,4-Quinoldione from Esenbeckia Almagillia: The Antitumor Activity of this Alkaloid and its Derivatives. Natural Product Communications, 2006, 1, 1934578X0600100.	0.2	1
84	A proline derivative-enriched methanol fraction from Sideroxylon obtusifolium leaves (MFSOL) stimulates human keratinocyte cells and exerts a healing effect in a burn wound model. Brazilian Journal of Medical and Biological Research, 2021, 54, e10700.	0.7	1
85	Synthesis, molecular docking, and biological activity of thioether derived from juglone in preclinical models of chronic myeloid leukemia. Computational Toxicology, 2021, 20, 100197.	1.8	1
86	Synthesis of a new class of 2-bromo-3-amino-1,4- naphthoquinone glycoconjugates. , 0, , .		0
87	Synthesis of two new series of 7-aminocarbohydra˜isoquinoline- 5,8-dione derivatives. , 0, , .		0