

# 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

88  
all docs

88  
docs citations

88  
times ranked

4982  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutralizing Effect of Synthetic Peptides toward SARS-CoV-2. <i>ACS Omega</i> , 2022, 7, 16222-16234.	1.6	7
2	22 <sup>2</sup> -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
3	Antioxidant and Cytotoxic Activities of Myrtaceae Essential Oils Rich in Terpenoids From Brazil. <i>Natural Product Communications</i> , 2021, 16, 1934578X2199615.	0.2	13
4	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
5	Kinase inhibitor screening reveals aurora <sup>1</sup> kinase is a potential therapeutic and prognostic biomarker of gastric cancer. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1376-1388.	1.2	5
6	A proline derivative-enriched methanol fraction from <i>Sideroxylon obtusifolium</i> leaves (MFSOL) stimulates human keratinocyte cells and exerts a healing effect in a burn wound model. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e10700.	0.7	1
7	Synthesis, molecular docking, and biological activity of thioether derived from juglone in preclinical models of chronic myeloid leukemia. <i>Computational Toxicology</i> , 2021, 20, 100197.	1.8	1
8	Biflorin inhibits the proliferation of gastric cancer cells by decreasing MYC expression. <i>Toxicology in Vitro</i> , 2020, 63, 104735.	1.1	5
9	HighVia <sup>2</sup> : A Flexible Live-Cell High-Content Screening Pipeline to Assess Cellular Toxicity. <i>SLAS Discovery</i> , 2020, 25, 801-811.	1.4	11
10	New insights on intercontinental origins of paternal lineages in Northeast Brazil. <i>BMC Evolutionary Biology</i> , 2020, 20, 15.	3.2	5
11	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
12	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
13	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
14	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
15	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
16	New flavone and other compounds from <i>Tephrosia egregia</i> : assessing the cytotoxic effect on human tumor cell lines. <i>Revista Brasileira De Farmacognosia</i> , 2018, 28, 333-338.	0.6	3
17	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
18	Evaluation of in vivo and in vitro toxicological and genotoxic potential of aluminum chloride. <i>Chemosphere</i> , 2017, 175, 130-137.	4.2	27

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19	Assessing histone demethylase inhibitors in cells: lessons learned. <i>Epigenetics and Chromatin</i> , 2017, 10, 9.	1.8	40
20	Gastric cancer management: Kinases as a target therapy. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 613-622.	0.9	24
21	Genetic diversity of human papillomavirus types 35, 45 and 58 in cervical cancer in Brazil. <i>Archives of Virology</i> , 2017, 162, 2855-2860.	0.9	6
22	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
23	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
24	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
25	mtDNA structure: the women who formed the Brazilian Northeast. <i>BMC Evolutionary Biology</i> , 2017, 17, 185.	3.2	24
26	Organic effects of associating paclitaxel with a lipid-based nanoparticle system on a nonhuman primate, <em><i>Cebus apella</i></em>. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 3827-3837.	3.3	7
27	First-time Isolation of Flavonoids and Cytotoxic Potential of the Amazonian Shrub <i>Ptychopetalum olacoides</i> Benth. <i>Revista Virtual De Quimica</i> , 2017, 9, 2299-2304.	0.1	2
28	BET inhibition as a new strategy for the treatment of gastric cancer. <i>Oncotarget</i> , 2016, 7, 43997-44012.	0.8	44
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	The miRNA Profile of Platelets Stored in a Blood Bank and Its Relation to Cellular Damage from Storage. PLoS ONE, 2015, 10, e0129399.	1.1	41
38	The anthelmintic drug mebendazole inhibits growth, migration and invasion in gastric cancer cell model. Toxicology in Vitro, 2015, 29, 2038-2044.	1.1	44
39	Synthesis of a new class of naphthoquinone glycoconjugates and evaluation of their potential as antitumoral agents. RSC Advances, 2015, 5, 96222-96229.	1.7	17
40	Population stratification effect on cancer susceptibility in an admixed population from Brazilian Amazon. Anticancer Research, 2015, 35, 2009-14.	0.5	6
41	Synthesis, Cytotoxicity and Mechanistic Evaluation of 4-Oxoquinoline-3-carboxamide Derivatives: Finding New Potential Anticancer Drugs. Molecules, 2014, 19, 6651-6670.	1.7	14
42	Essential oils of Amazon Piper species and their cytotoxic, antifungal, antioxidant and anti-cholinesterase activities. Industrial Crops and Products, 2014, 58, 55-60.	2.5	62
43	Synthesis and anticancer activity of (E)-2-benzothiazole hydrazones. European Journal of Medicinal Chemistry, 2014, 86, 12-16.	2.6	52
44	Molecular analysis of oral bacteria in dental biofilm and atherosclerotic plaques of patients with vascular disease. International Journal of Cardiology, 2014, 174, 710-712.	0.8	61
45	Arylated 1±- and 1²-dihydrofuran naphthoquinones: Electrochemical parameters, evaluation of antitumor activity and their correlation. Electrochimica Acta, 2013, 110, 634-640.	2.6	16
46	MYC, FBXW7 and TP53 copy number variation and expression in Gastric Cancer. BMC Gastroenterology, 2013, 13, 141.	0.8	80
47	A novel o-naphthoquinone inhibits N-cadherin expression and blocks melanoma cell invasion via AKT signaling. Toxicology in Vitro, 2013, 27, 2076-2083.	1.1	16
48	Prognostic and Predictive Significance of MYC and KRAS Alterations in Breast Cancer from Women Treated with Neoadjuvant Chemotherapy. PLoS ONE, 2013, 8, e60576.	1.1	49
49	MYC Deregulation in Gastric Cancer and Its Clinicopathological Implications. PLoS ONE, 2013, 8, e64420.	1.1	77
50	Synthesis of carbohydrate-based naphthoquinones and their substituted phenylhydrazono derivatives as anticancer agents. RSC Advances, 2012, 2, 11438.	1.7	22
51	1-(7-Chloroquinolin-4-yl)-2-[(1H-pyrrol-2-yl)methylene]hydrazine: a potent compound against cancer. Medicinal Chemistry Research, 2012, 21, 3615-3619.	1.1	12
52	Growth inhibitory effects of 3-2-nitro-3-phenylamino nor-beta-lapachone against HL-60: A redox-dependent mechanism. Toxicology in Vitro, 2012, 26, 585-594.	1.1	33
53	Studies on the Secondary Metabolites of a <i>Pseudoalteromonas</i> sp. Isolated from Sediments Collected at the Northeastern Coast of Brazil. Chemistry and Biodiversity, 2012, 9, 418-427.	1.0	11
54	Cytotoxic Activity of Polysubstituted 7-chloro-4-quinolinylhydrazone Derivatives. Letters in Drug Design and Discovery, 2012, 9, 251-256.	0.4	9

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55	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
56	Synthesis of new 9-hydroxy- $\hat{1}$ - and 7-hydroxy- $\hat{2}$ -pyran naphthoquinones and cytotoxicity against cancer cell lines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4315.	1.5	54
57	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
58	The in-vitro and in-vivo inhibitory activity of biflorin in melanoma. <i>Melanoma Research</i> , 2011, 21, 106-114.	0.6	18
59	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
60	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
61	Inhibitory effect of pisosterol on human glioblastoma cell lines with <i>c-MYC</i> amplification. <i>Journal of Applied Toxicology</i> , 2011, 31, 554-560.	1.4	7
62	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
63	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
64	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
65	Casearin X exhibits cytotoxic effects in leukemia cells triggered by apoptosis. <i>Chemico-Biological Interactions</i> , 2010, 188, 497-504.	1.7	52
66	Pisosterol induces interphase arrest in HL60 cells with C-MYC amplification. <i>Human and Experimental Toxicology</i> , 2010, 29, 235-240.	1.1	4
67	3-Arylamino and 3-Alkoxy-nor- $\hat{2}$ -lapachone Derivatives: Synthesis and Cytotoxicity against Cancer Cell Lines. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 504-508.	2.9	75
68	Synthesis and Antitumor Evaluation of (E)-2-Benzothiazole Hydrazones. <i>Letters in Drug Design and Discovery</i> , 2010, 7, 551-555.	0.4	11
69	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
70	Cytotoxic, trypanocidal activities and physicochemical parameters of nor- $\hat{2}$ -lapachone-based 1,2,3-triazoles. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 635-643.	0.6	73
71	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
72	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

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73	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
74	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
75	Antitumor Activity of Pisosterol in Mice Bearing with S180 Tumor. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 454-457.	0.6	14
76	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
77	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
78	Synthesis and potent antitumor activity of new arylamino derivatives of nor- $\beta$ -lapachone and nor- $\alpha$ -lapachone. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 7035-7041.	1.4	71
79	3,3-Diisopentenyl-N-Methyl-2,4-Quinoldione from <i>Esenbeckia Almagallia</i> : The Antitumor Activity of this Alkaloid and its Derivatives. <i>Natural Product Communications</i> , 2006, 1, 1934578X0600100.	0.2	1
80	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
81	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
82	A Cytotoxic Meroterpenoid Benzoquinone from Roots of <i>Cordia globosa</i> . <i>Planta Medica</i> , 2005, 71, 54-58.	0.7	20
83	Cytotoxic Epimeric Withaphysalins from Leaves of <i>Acnistus arborescens</i> . <i>Planta Medica</i> , 2004, 70, 551-555.	0.7	26
84	Cytotoxic Activity of Pisosterol, a Triterpene Isolated from <i>Pisolithus tinctorius</i> (Mich.: Pers.) Coker & Couch, 1928. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004, 59, 519-522.	0.6	10
85	Chemical Constituents from <i>Lippia sidoides</i> and Cytotoxic Activity. <i>Journal of Natural Products</i> , 2001, 64, 792-795.	1.5	52
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-aminocarbohydraisoquinoline- 5,8-dione derivatives. , 0, , .		0