

# Cristiane Moutinho Lagos de Melo

## List of Publications by Year in descending order

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58  
papers

980  
citations

331538

21  
h-index

526166

27  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1343  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Investigation of Anti- <i>Trypanosoma cruzi</i> 2-Imino-thiazolidin-4-ones Allows the Identification of Agents with Efficacy in Infected Mice. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10918-10936.	2.9	55
2	Activities of stromal and immune cells in HPV-related cancers. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 137.	3.5	46
3	Immunomodulatory response of Cramoll 1,4 lectin on experimental lymphocytes. <i>Phytotherapy Research</i> , 2010, 24, 1631-1636.	2.8	38
4	2-Acetylpyridine- and 2-benzoylpyridine-derived thiosemicarbazones and their antimony(III) complexes exhibit high anti-trypanosomal activity. <i>Polyhedron</i> , 2012, 31, 614-621.	1.0	36
5	Antimony(III) complexes with pyridine-derived thiosemicarbazones: Structural studies and investigation on the antitrypanosomal activity. <i>Polyhedron</i> , 2011, 30, 372-380.	1.0	33
6	Lignins isolated from Prickly pear cladodes of the species <i>Opuntia fœcus-indica</i> (Linnaeus) Miller and <i>Opuntia cochenillifera</i> (Linnaeus) Miller induces mice splenocytes activation, proliferation and cytokines production. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 1331-1339.	3.6	32
7	Healing activity induced by Cramoll 1,4 lectin in healthy and immunocompromised mice. <i>International Journal of Pharmaceutics</i> , 2011, 408, 113-119.	2.6	31
8	Viral Modulation of TLRs and Cytokines and the Related Immunotherapies for HPV-Associated Cancers. <i>Journal of Immunology Research</i> , 2018, 2018, 1-17.	0.9	27
9	SARS-CoV, MERS-CoV and SARS-CoV-2 infections in pregnancy and fetal development. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2020, 49, 101846.	0.6	27
10	Cramoll 1,4 lectin increases ROS production, calcium levels, and cytokine expression in treated spleen cells of rats. <i>Molecular and Cellular Biochemistry</i> , 2010, 342, 163-169.	1.4	26
11	Synthesis, in vitro and in vivo biological evaluation, COX-1/2 inhibition and molecular docking study of indole-N-acylhydrazone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5388-5396.	1.4	26
12	Lignin isolated from <i>Caesalpinia pulcherrima</i> leaves has antioxidant, antifungal and immunostimulatory activities. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1725-1733.	3.6	26
13	Mitogenic Response and Cytokine Production Induced by Cramoll 1,4 Lectin in Splenocytes of Inoculated Mice. <i>Scandinavian Journal of Immunology</i> , 2011, 73, 112-121.	1.3	25
14	Evaluation of antitumor activity and toxicity of <i>Schinus terebinthifolia</i> leaf extract and lectin (SteLL) in sarcoma 180-bearing mice. <i>Journal of Ethnopharmacology</i> , 2019, 233, 148-157.	2.0	25
15	Biological and immunological activity of new imidazolidines against adult worms of <i>Schistosoma mansoni</i> . <i>Parasitology Research</i> , 2010, 107, 531-538.	0.6	24
16	Antischistosomal action of thioxo-imidazolidine compounds: An ultrastructural and cytotoxicity study. <i>Experimental Parasitology</i> , 2011, 128, 82-90.	0.5	24
17	Immunostimulatory and antioxidant activities of a lignin isolated from <i>Conocarpus erectus</i> leaves. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 169-177.	3.6	24
18	Anti-inflammatory activity of novel thiosemicarbazone compounds indole-based as COX inhibitors. <i>Pharmacological Reports</i> , 2021, 73, 907-925.	1.5	23

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19	COVID-19 pandemic outbreak: the Brazilian reality from the first case to the collapse of health services. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20200709.	0.3	23
20	Immunomodulatory Effects of the Water-soluble Lectin from <i>Moringa oleifera</i> Seeds (WSMoL) on Human Peripheral Blood Mononuclear Cells (PBMC). <i>Protein and Peptide Letters</i> , 2018, 25, 295-301.	0.4	23
21	Potential effects of Cramoll 1,4 lectin on murine <i>Schistosomiasis mansoni</i> . <i>Acta Tropica</i> , 2011, 118, 152-158.	0.9	22
22	Characterization of a lignin from <i>Crataeva tapia</i> leaves and potential applications in medicinal and cosmetic formulations. <i>International Journal of Biological Macromolecules</i> , 2021, 180, 286-298.	3.6	22
23	Immunostimulatory activity of ConBr: a focus on splenocyte proliferation and proliferative cytokine secretion. <i>Cell and Tissue Research</i> , 2011, 346, 237-244.	1.5	21
24	Investigation on the pharmacological profile of antimony(III) complexes with hydroxyquinoline derivatives: anti-trypanosomal activity and cytotoxicity against human leukemia cell lines. <i>BioMetals</i> , 2011, 24, 595-601.	1.8	20
25	Purification and Characterization of a Mannose Recognition Lectin from <i>Oreochromis niloticus</i> (Tilapia Fish): Cytokine Production in Mice Splenocytes. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 424-435.	1.4	20
26	Evaluation of Antioxidant, Immunomodulatory, and Cytotoxic Action of Fractions from <i>Eugenia uniflora</i> L. and <i>Eugenia malaccensis</i> L.: Correlation with Polyphenol and Flavanoid Content. <i>Scientific World Journal</i> , The, 2013, 2013, 1-7.	0.8	20
27	<i>Microgramma vacciniifolia</i> (Polypodiaceae) fronds contain a multifunctional lectin with immunomodulatory properties on human cells. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 36-46.	3.6	20
28	Cytokine Production Induced by Marine Algae Lectins in BALB/c Mice Splenocytes. <i>Protein and Peptide Letters</i> , 2012, 19, 975-981.	0.4	18
29	<i>Parkia pendula</i> Seed Lectin: Potential Use to Treat Cutaneous Wounds in Healthy and Immunocompromised Mice. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 2682-2693.	1.4	18
30	Evaluation of cytotoxic, immunomodulatory and antibacterial activities of aqueous extract from leaves of <i>Conocarpus erectus</i> Linnaeus (Combretaceae). <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 1092-1101.	1.2	18
31	Antiproliferative effect of <i>Canavalia brasiliensis</i> lectin on B16F10 cells. <i>Research in Veterinary Science</i> , 2014, 96, 276-282.	0.9	17
32	Antibacterial lectin from <i>Moringa oleifera</i> seeds (WSMoL) has differential action on growth, membrane permeability and protease secretory ability of Gram-positive and Gram-negative pathogens. <i>South African Journal of Botany</i> , 2020, 129, 198-205.	1.2	17
33	Lectin from inflorescences of ornamental crop <i>Alpinia purpurata</i> acts on immune cells to promote Th1 and Th17 responses, nitric oxide release, and lymphocyte activation. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 865-872.	2.5	16
34	In Vitro and In Vivo Wound Healing and Anti-Inflammatory Activities of Babassu Oil ( <i>Attalea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 2020, 2020, 1-10.	0.5	14
35	Pectin-like polysaccharide extracted from the leaves of <i>Conocarpus erectus</i> Linnaeus promotes antioxidant, immunomodulatory and prebiotic effects. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2021, 26, 100263.	1.5	12
36	<i>Conocarpus erectus</i> L., a plant with a high content of structural sugars, ions and phenolic compounds, shows antioxidant and antimicrobial properties promoted by different organic fractions. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2018, 8, 463.	0.5	11

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37	<i>Rachycentron canadum</i> (cobia) Lectin Promoted Mitogenic Response in Mice BALB/c Splenocytes. <i>Scandinavian Journal of Immunology</i> , 2012, 76, 567-572.	1.3	10
38	<i>Schinus terebinthifolia</i> leaf lectin (StELL) is an immunomodulatory agent by altering cytokine release by mice splenocytes. <i>3 Biotech</i> , 2020, 10, 144.	1.1	10
39	Immunomodulatory Response of Mice Splenocytes Induced by RcaL, a Lectin Isolated from Cobia Fish ( <i>Rachycentron canadum</i> ) Serum. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 1335-1348.	1.4	9
40	Terapia complexa descongestiva com uso de material alternativo na reduç�o e controle do linfedema em pacientes de �rea end�mica de filariose: um ensaio cl�nico. <i>Fisioterapia E Pesquisa</i> , 2016, 23, 268-277.	0.3	7
41	Phytochemical analysis, nutritional profile and immunostimulatory activity of aqueous extract from <i>Malpighia emarginata</i> DC leaves. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 23, 101442.	1.5	7
42	New imidazolidine derivatives as anti- <i>Trypanosoma cruzi</i> agents: structure-activity relationships. <i>Parasitology Research</i> , 2012, 111, 2361-2366.	0.6	6
43	<i>Calliandra surinamensis</i> lectin (CasuL) does not impair the functionality of mice splenocytes, promoting cell signaling and cytokine production. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 650-655.	2.5	6
44	Saline extract from <i>Malpighia emarginata</i> DC leaves showed higher polyphenol presence, antioxidant and antifungal activity and promoted cell proliferation in mice splenocytes.. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20190916.	0.3	6
45	Evaluation of the In Vivo Acute Toxicity and In Vitro Hemolytic and Immunomodulatory Activities of the <i>Moringa oleifera</i> Flower Trypsin Inhibitor (MoFTI). <i>Protein and Peptide Letters</i> , 2021, 28, 665-674.	0.4	5
46	Phytochemical bioprospecting, antioxidant, antimicrobial and cytotoxicity activities of saline extract from <i>Tithonia diversifolia</i> (Hemsl) A. Gray leaves. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2018, 8, 245.	0.5	5
47	Development of synthetic antigen vaccines for COVID-19. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 3855-3870.	1.4	4
48	Pectin-like Polysaccharide Extracted from the Leaves <i>Caesalpinia pulcherrima</i> is a Promising Antioxidant and Immunomodulator Agent. <i>Brazilian Archives of Biology and Technology</i> , 0, 65, .	0.5	4
49	L�sparaginase isolated from <i>Streptomyces ansochromogenes</i> promotes Th1 profile and activates CD <sup>8</sup> T cells in human PBMC: an in vitro investigation. <i>Journal of Applied Microbiology</i> , 2018, 124, 1122-1130.	1.4	3
50	Evaluation of the immunomodulatory effect against splenocytes of Balb/c mice of biflorin obtained from <i>Capraria biflora</i> by a new isolation method. <i>Revista Brasileira De Farmacognosia</i> , 2019, 29, 464-469.	0.6	3
51	Evaluation of cytotoxic, immunomodulatory effects, antimicrobial activities and phytochemical constituents from various extracts of <i>Passiflora edulis</i> F. <i>flavicarpa</i> (Passifloraceae). <i>Natural Product Research</i> , 2020, 35, 1-5.	1.0	3
52	PERFIL DE PACIENTES COM LINFEDEMA ATENDIDOS NO SERVI�O DE REFER�NCIA NACIONAL EM FILARIOSES DA FUNDA�O OSWALDO CRUZ, PERNAMBUCO, BRASIL. <i>Journal of Tropical Pathology</i> , 2016, 45, 387.	0.1	3
53	Purification, characterization, and immunomodulatory activity of a lectin from the seeds of horse chestnut ( <i>Aesculus hippocastanum</i> L.). <i>Current Research in Biotechnology</i> , 2022, 4, 203-210.	1.9	3
54	A proposed eye ex vivo permeation approach to evaluate pesticides: Case dimethoate. <i>Toxicology in Vitro</i> , 2020, 66, 104833.	1.1	2

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55	Proliferative Effect of Tilapia Fish ( <i>Oreochromis niloticus</i> ) Lectin on BALB/c Mice Splenocytes. <i>Protein and Peptide Letters</i> , 2019, 26, 887-892.	0.4	2
56	Investigation of Nutritional Contents, Antioxidant and Immunostimulatory Activities of Aqueous Extract from <i>Laguncularia racemosa</i> Leaves. <i>Natural Products Journal</i> , 2021, 11, 231-243.	0.1	1
57	USE OF COMPLEX DECONGESTIVE THERAPY WITH LOW COST MATERIAL IN A PATIENT WITH LYMPHEDEMA LIVING IN AN ENDEMIC AREA FOR FILARIASIS. <i>Journal of Tropical Pathology</i> , 2018, 47, 55.	0.1	1
58	COVID-19: Clinical, Immunological, and Image Findings from Infection to Post-COVID Syndrome. , 2022, , 76-98.		0