

# Caio Cesar Souza Alves

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

503  
citations

687363

13  
h-index

713466

21  
g-index

41  
all docs

41  
docs citations

41  
times ranked

980  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased IgG1, IFN- $\gamma$ , TNF- $\alpha$ and IL-6 responses to Mycobacterium tuberculosis antigens in patients with Tuberculosis are lower after chemotherapy. <i>International Immunology</i> , 2010, 22, 775-782.	4.0	68
2	<i>In vitro</i> induction of hexaploid plants from triploid hybrids of <i>Pennisetum purpureum</i> and <i>Pennisetum glaucum</i> . <i>Plant Breeding</i> , 2009, 128, 101-104.	1.9	43
3	Apoptosis of macrophages during pulmonary <i>Mycobacterium bovis</i> infection: correlation with intracellular bacillary load and cytokine levels. <i>Immunology</i> , 2009, 128, e691-9.	4.4	28
4	Immunomodulatory effects and improved prognosis of experimental autoimmune encephalomyelitis after O-tetradecanoyl-genistein treatment. <i>International Immunopharmacology</i> , 2012, 12, 465-470.	3.8	25
5	Ferulic acid suppresses Th2 immune response and prevents remodeling in ovalbumin-induced pulmonary allergy associated with inhibition of epithelial-derived cytokines. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017, 45, 202-209.	2.6	24
6	Anti-mycobacterial treatment reduces high plasma levels of CXC-chemokines detected in active tuberculosis by cytometric bead array. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 1039-1041.	1.6	23
7	Staphylococcus aureus infection after splenectomy and splenic autotransplantation in BALB/c mice. <i>Clinical and Experimental Immunology</i> , 2008, 154, 255-263.	2.6	21
8	Characterization of the structural, optical, photocatalytic and <i>in vitro</i> and <i>in vivo</i> anti-inflammatory properties of Mn <sup>2+</sup> doped Zn <sub>2</sub> GeO <sub>4</sub> nanorods. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8216-8225.	5.5	20
9	Thalidomide Analogs from Diamines: Synthesis and Evaluation as Inhibitors of TNF- $\alpha$ Production. <i>Chemical and Pharmaceutical Bulletin</i> , 2007, 55, 223-226.	1.3	17
10	Inhibiting AKT Phosphorylation Employing Non-Cytotoxic Anthraquinones Ameliorates TH2 Mediated Allergic Airways Disease and Rhinovirus Exacerbation. <i>PLoS ONE</i> , 2013, 8, e79565.	2.5	17
11	Preparation of Amino Alcohols Condensed with Carbohydrates: Evaluation of Cytotoxicity and Inhibitory Effect on NO Production. <i>Chemical Biology and Drug Design</i> , 2010, 76, 451-456.	3.2	15
12	Synthesis of genistein coupled with sugar derivatives and their inhibitory effect on nitric oxide production in macrophages. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 615-620.	5.5	15
13	Th2 Responses in OVA-Sensitized BALB/c Mice Are Down-Modulated By Mycobacterium bovis BCG Treatment. <i>Journal of Clinical Immunology</i> , 2013, 33, 235-245.	3.8	14
14	Lower production of IL-17A and increased susceptibility to Mycobacterium bovis in mice coinfecting with Strongyloides venezuelensis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2011, 106, 617-619.	1.6	14
15	Synthesis of Lipophilic Genistein Derivatives and Their Regulation of IL-12 and TNF- $\alpha$ in Activated J774A.1 Cells. <i>Chemical Biology and Drug Design</i> , 2012, 79, 347-352.	3.2	13
16	Effects of aqueous extract of Echinodorus grandiflorus on the immune response in ovalbumin-induced pulmonary allergy. <i>Annals of Allergy, Asthma and Immunology</i> , 2011, 106, 481-488.	1.0	12
17	Anthraquinone derivative O <sup>2</sup> -bis-(3-iodopropyl)-1,4-dihydroxyanthraquinone modulates immune response and improves experimental autoimmune encephalomyelitis. <i>International Immunopharmacology</i> , 2012, 14, 127-132.	3.8	12
18	Different MOG35 <sup>55</sup> concentrations induce distinguishable inflammation through early regulatory response by IL-10 and TGF- $\beta$ in mice CNS despite unchanged clinical course. <i>Cellular Immunology</i> , 2015, 293, 87-94.	3.0	12

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19	Antulcerogenic and anti-inflammatory activities of the essential oil from <i>Pterodon emarginatus</i> seeds. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 243-250.	2.4	12
20	Splenic autotransplantation restores IL-17 production and antibody response to <i>Streptococcus pneumoniae</i> in splenectomized mice. <i>Transplant Immunology</i> , 2010, 22, 195-197.	1.2	11
21	Optical neuritis induced by different concentrations of myelin oligodendrocyte glycoprotein presents different profiles of the inflammatory process. <i>Autoimmunity</i> , 2013, 46, 480-485.	2.6	11
22	Genistein modulates the expression of Toll-like receptors in experimental autoimmune encephalomyelitis. <i>Inflammation Research</i> , 2018, 67, 597-608.	4.0	11
23	Increased susceptibility to <i>Strongyloides venezuelensis</i> in mice due to <i>Mycobacterium bovis</i> co-infection which modulates production of Th2 cytokines. <i>Parasitology</i> , 2009, 136, 1357-1365.	1.5	9
24	Lipophilic amino alcohols reduces carrageenan-induced paw edema and anti-OVA DTH in BALB/c mice. <i>International Immunopharmacology</i> , 2013, 17, 727-732.	3.8	9
25	In vitro and in vivo evaluation of anti-inflammatory activity and free radical scavenging potential of leaves extract from <i>Anadenanthera colubrina</i> . <i>Natural Product Research</i> , 2021, 35, 4819-4823.	1.8	8
26	Synthesis and Evaluation of Cytotoxicity and Inhibitory Effect on Nitric Oxide Production by J774A.1 Macrophages of New Anthraquinone Derivatives. <i>Medicinal Chemistry</i> , 2013, 9, 812-818.	1.5	8
27	Synthesis of 1,4-Anthracene-9,10-dione Derivatives and Their Regulation of Nitric Oxide, IL-1 $\beta$ and TNF $\alpha$ in Activated RAW264.7 Cells. <i>Chemical Biology and Drug Design</i> , 2013, 82, 463-467.	3.2	7
28	Early IFN- $\gamma$ production together with decreased expression of TLR3 and TLR9 characterizes EAE development conditional on the presence of myelin. <i>Autoimmunity</i> , 2016, 49, 258-267.	2.6	7
29	Effect of <i>Anadenanthera colubrina</i> protease inhibitors as an antiinflammatory mediator. <i>Natural Product Research</i> , 2021, 35, 1690-1695.	1.8	7
30	Cellular and humoral immune responses during intrathoracic paracoccidioidomycosis in BALB/c mice. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2009, 32, 513-525.	1.6	3
31	Splenic autotransplantation reverses interferon- $\gamma$ and nitric oxide production and resistance to <i>Listeria monocytogenes</i> in splenectomized mice. <i>Transplant Infectious Disease</i> , 2011, 13, 154-160.	1.7	2
32	<i>Cecropia hololeuca</i> : A new source of compounds with potential anti-inflammatory action. <i>Natural Product Research</i> , 2019, 35, 1-6.	1.8	2
33	Ethnobotanical assessment in protected area from Brazilian Atlantic Forest. <i>Research, Society and Development</i> , 2021, 10, e15310413714.	0.1	2
34	Ursolic Acid Derivatives Induced Apoptosis and Reduces the NF- $\kappa$ B in Human Lung Adenocarcinoma Cells. <i>Journal of Cancer Therapy</i> , 2019, 10, 863-876.	0.4	1
35	Study of the environmental and individual factors of autoimmune diseases in the microregion of Águas Formosas - Minas Gerais State, Brazil. <i>Research, Society and Development</i> , 2021, 10, e29910414138.	0.1	0
36	Práticas terapêuticas com plantas medicinais para o tratamento do Diabetes Mellitus. <i>Research, Society and Development</i> , 2021, 10, e474101018874.	0.1	0

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37	Novel anthraquinone derivatives reduce inflammatory cytokines in vitro and ameliorate clinical signs of experimental autoimmune encephalomyelitis. <i>Frontiers in Immunology</i> , 0, 4, .	4.8	0
38	The up-regulation of innate immune response can be observed by expression of TLR3, TLR4 and TLR9 by antigen-presenting cells in EAE model. <i>Frontiers in Immunology</i> , 0, 4, .	4.8	0
39	Genistein derivatives down-modulates pro-inflammatory cytokines in activated J774A.1 cells and reverses clinical signs of experimental autoimmune encephalomyelitis. <i>Frontiers in Immunology</i> , 0, 4, .	4.8	0
40	Detec�o de inibidores de proteases em sementes de <i>Punica granatum</i> . <i>Quimica Nova</i> , 0, , .	0.3	0
41	Leishmaniose Tegumentar Americana: uma an�lise epidemiol�gica do munic�pio de Te�filo Otoni-MG. <i>Research, Society and Development</i> , 2021, 10, e316101421934.	0.1	0