Ana Mc Faria

List of Publications by Year
in descending order

116 papers	5,336 citations	87888 38 h-index	91884 69 g-index
120 all docs	120 docs citations	120 times ranked	6726 citing authors

#	Article	IF	Citations
1	Oral tolerance. Immunological Reviews, 2005, 206, 232-259.	6.0	630
2	Oral Tolerance: Mechanisms and Therapeutic Applications. Advances in Immunology, 1999, 73, 153-264.	2.2	284
3	Mucosal Administration of Heat Shock Protein-65 Decreases Atherosclerosis and Inflammation in Aortic Arch of Low-Density Lipoprotein Receptor-Deficient Mice. Circulation, 2002, 106, 1708-1715.	1.6	251
4	Oral administration of sodium butyrate attenuates inflammation and mucosal lesion in experimental acute ulcerative colitis. Journal of Nutritional Biochemistry, 2012, 23, 430-436.	4.2	232
5	Oral Tolerance: Therapeutic Implications for Autoimmune Diseases. Clinical and Developmental Immunology, 2006, 13, 143-157.	3.3	228
6	Compartmentalized gut lymph node drainage dictates adaptive immune responses. Nature, 2019, 569, 126-130.	27.8	221
7	Induction of oral tolerance to cellular immune responses in the absence of Peyer's patches. European Journal of Immunology, 2001, 31, 1278-1287.	2.9	133
8	Suppression of Asthma-like Responses in Different Mouse Strains by Oral Tolerance. American Journal of Respiratory Cell and Molecular Biology, 2001, 24, 518-526.	2.9	130
9	Oral tolerance induced by continuous feeding: enhanced up-regulation of transforming growth factor-Î²/interleukin-10 and suppression of experimental autoimmune encephalomyelitis. Journal of Autoimmunity, 2003, 20, 135-145.	6.5	115
10	Anti-inflammatory effects of Lactococcus lactis NCDO 2118 during the remission period of chemically induced colitis. Gut Pathogens, 2014, 6, 33.	3.4	112
11	Bioactive glass as a drug delivery system of tetracycline and tetracycline associated with Î²-cyclodextrin. Biomaterials, 2004, 25, 327-333.	11.4	111
12	Stimulation by food proteins plays a critical role in the maturation of the immune system. International Immunology, 2003, 15, 447-455.	4.0	102
13	The Nucleoporin Nup96 Is Required for Proper Expression of Interferon-Regulated Proteins and Functions. Immunity, 2006, 24, 295-304.	14.3	100
14	Acceleration of leukocytesâ€™ epigenetic age as an early tumor and sex-specific marker of breast and colorectal cancer. Oncotarget, 2017, 8, 23237-23245.	1.8	90
15	Gluten-free diet reduces adiposity, inflammation and insulin resistance associated with the induction of PPAR-alpha and PPAR-gamma expression. Journal of Nutritional Biochemistry, 2013, 24, 1105-1111.	4.2	86
16	The cytosolic sensor STING is required for intestinal homeostasis and control of inflammation. Mucosal Immunology, 2018, 11, 820-834.	6.0	86
17	Cellâ€free DNA as a biomarker of aging. Aging Cell, 2019, 18, e12890.	6.7	80
18	Hsp65-producing Lactococcus lactis prevents experimental autoimmune encephalomyelitis in mice by inducing CD4+LAP+ regulatory T cells. Journal of Autoimmunity, 2013, 40, 45-57.	6.5	76

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19	High-Salt Diet Induces IL-17-Dependent Gut Inflammation and Exacerbates Colitis in Mice. Frontiers in Immunology, 2017, 8, 1969.	4.8	70
20	Hypertension Is Associated With Intestinal Microbiota Dysbiosis and Inflammation in a Brazilian Population. Frontiers in Pharmacology, 2020, 11, 258.	3.5	70
21	New Insights into the Immunological Changes in IL-10-Deficient Mice during the Course of Spontaneous Inflammation in the Gut Mucosa. Clinical and Developmental Immunology, 2012, 2012, 1-13.	3.3	62
22	Targeting latency-associated peptide promotes antitumor immunity. Science Immunology, 2017, 2, .	11.9	58
23	Strategy to Assess the Overall Cytokine Profile of Circulating Leukocytes and its Association with Distinct Clinical Forms of Human Chagas Disease. Scandinavian Journal of Immunology, 2008, 68, 516-525.	2.7	57
24	Antioxidative and immunomodulatory effects of tributyrin supplementation on experimental colitis. British Journal of Nutrition, 2013, 109, 1396-1407.	2.3	52
25	Food Components and the Immune System: From Tonic Agents to Allergens. Frontiers in Immunology, 2013, 4, 102.	4.8	51
26	Towards a Liquid Self: How Time, Geography, and Life Experiences Reshape the Biological Identity. Frontiers in Immunology, 2014, 5, 153.	4.8	51
27	Tissue adaptation: Implications for gut immunity and tolerance. Journal of Experimental Medicine, 2017, 214, 1211-1226.	8.5	51
28	Frontline Science: Abnormalities in the gut mucosa of non-obese diabetic mice precede the onset of type 1 diabetes. Journal of Leukocyte Biology, 2019, 106, 513-529.	3.3	51
29	Coinfection with Different Trypanosoma cruzi Strains Interferes with the Host Immune Response to Infection. PLoS Neglected Tropical Diseases, 2010, 4, e846.	3.0	50
30	Hsp65-Producing Lactococcus lactis Prevents Inflammatory Intestinal Disease in Mice by IL-10- and TLR2-Dependent Pathways. Frontiers in Immunology, 2017, 8, 30.	4.8	50
31	Aging affects oral tolerance induction but not its maintenance in mice. Mechanisms of Ageing and Development, 1998, 102, 67-80.	4.6	47
32	Prevention of lung eosinophilic inflammation by oral tolerance. Immunology Letters, 1998, 61, 15-23.	2.5	47
33	Decrease in susceptibility to oral tolerance induction and occurrence of oral immunization to ovalbumin in 20-38-week-old mice. The effect of interval between oral exposures and rate of antigen intake in the oral immunization. Immunology, 1993, 78, 147-51.	4.4	47
34	Hierarchical suppression of asthma-like responses by mucosal tolerance. Journal of Allergy and Clinical Immunology, 2006, 117, 283-290.	2.9	46
35	Variation Rhythms of Lymphocyte Subsets during Healthy Aging. NeuroImmunoModulation, 2008, 15, 365-379.	1.8	46
36	Aging correlates with reduction in regulatory-type cytokines and T cells in the gut mucosa. Immunobiology, 2011, 216, 1085-1093.	1.9	46

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37	Regulatory T Cells Accumulate in the Lung Allergic Inflammation and Efficiently Suppress T-Cell Proliferation but Not Th2 Cytokine Production. Clinical and Developmental Immunology, 2012, 2012, 1-13.	3.3	45
38	Local and Systemic Immune Mechanisms Underlying the Anti-Colitis Effects of the Dairy Bacterium Lactobacillus delbrueckii. PLoS ONE, 2014, 9, e85923.	2.5	45
39	Oral administration of SimbiofloraÂ® (synbiotic) attenuates intestinal damage in a mouse model of 5-fluorouracil-induced mucositis. Beneficial Microbes, 2018, 9, 477-486.	2.4	35
40	Probiotic Propionibacterium freudenreichii requires SlpB protein to mitigate mucositis induced by chemotherapy. Oncotarget, 2019, 10, 7198-7219.	1.8	34
41	High sugar and butter (HSB) diet induces obesity and metabolic syndrome with decrease in regulatory T cells in adipose tissue of mice. Inflammation Research, 2016, 65, 169-178.	4.0	33
42	Coinfection withToxoplasma gondiiInhibits Antigen-Specific Th2 Immune Responses, Tissue Inflammation, and Parasitism in BALB/c Mice Infected withLeishmania major. Infection and Immunity, 1999, 67, 4939-4944.	2.2	33
43	Alcohol-induced gastritis prevents oral tolerance induction in mice. Clinical and Experimental Immunology, 2006, 146, 312-322.	2.6	32
44	Pretreatment and Treatment With <scp>L</scp>â€Arginine Attenuate Weight Loss and Bacterial Translocation in Dextran Sulfate Sodium Colitis. Journal of Parenteral and Enteral Nutrition, 2016, 40, 1131-1139.	2.6	32
45	Dietary supplementation with omega-3 fatty acid attenuates 5-fluorouracil induced mucositis in mice. Lipids in Health and Disease, 2015, 14, 54.	3.0	31
46	Whey Protein Isolate-Supplemented Beverage, Fermented by Lactobacillus casei BL23 and Propionibacterium freudenreichii 138, in the Prevention of Mucositis in Mice. Frontiers in Microbiology, 2018, 9, 2035.	3.5	31
47	Diet-induced obesity leads to alterations in behavior and gut microbiota composition in mice. Journal of Nutritional Biochemistry, 2021, 92, 108622.	4.2	30
48	CLA-supplemented diet accelerates experimental colorectal cancer by inducing TGF-Î²-producing macrophages and T cells. Mucosal Immunology, 2019, 12, 188-199.	6.0	28
49	Milk Fermented with a 15-Lipoxygenase-1-Producing Lactococcus Lactis Alleviates Symptoms of colitis in a Murine Model. Current Pharmaceutical Biotechnology, 2015, 16, 424-429.	1.6	28
50	Expression of Toll-like receptors 2 and 9 in cells of dog jejunum and colon naturally infected with Leishmania infantum. BMC Immunology, 2013, 14, 22.	2.2	27
51	Expression of Regulatory T Cells in Jejunum, Colon, and Cervical and Mesenteric Lymph Nodes of Dogs Naturally Infected with Leishmania infantum. Infection and Immunity, 2014, 82, 3704-3712.	2.2	27
52	Antigen administration by continuous feeding enhances oral tolerance and leads to long-lasting effects. Journal of Immunological Methods, 2015, 421, 36-43.	1.4	27
53	Therapeutic Effects of Probiotic Minas Frescal Cheese on the Attenuation of Ulcerative Colitis in a Murine Model. Frontiers in Microbiology, 2021, 12, 623920.	3.5	27
54	Stabilization of serum antibody responses triggered by initial mucosal contact with the antigen independently of oral tolerance induction. Brazilian Journal of Medical and Biological Research, 2001, 34, 211-219.	1.5	26

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55	Association complexes between ovalbumin and cyclodextrins have no effect on the immunological properties of ovalbumin. European Journal of Pharmaceutics and Biopharmaceutics, 2004, 57, 199-205.	4.3	26
56	Immunological activities are modulated by enteral administration of an elemental diet in mice. Clinical Nutrition, 2006, 25, 643-652.	5.0	26
57	Role of IL-4 in aversion induced by food allergy in mice. Cellular Immunology, 2010, 262, 62-68.	3.0	26
58	Beneficial Propionibacteria within a Probiotic Emmental Cheese: Impact on Dextran Sodium Sulphate-Induced Colitis in Mice. Microorganisms, 2020, 8, 380.	3.6	26
59	Hydrolyzed whey protein prevents the development of food allergy to Î²-lactoglobulin in sensitized mice. Cellular Immunology, 2015, 298, 47-53.	3.0	25
60	Development of a new DNA vaccine based on mycobacterial ESAT-6 antigen delivered by recombinant invasive Lactococcus lactis FnBPA+. Applied Microbiology and Biotechnology, 2015, 99, 1817-1826.	3.6	24
61	Evaluating the effects of refined carbohydrate and fat diets with acute ethanol consumption using a mouse model of alcoholic liver injury. Journal of Nutritional Biochemistry, 2017, 39, 93-100.	4.2	24
62	May genetic factors in fibromyalgia help to identify patients with differentially altered frequencies of immune cells?. Clinical and Experimental Immunology, 2008, 154, 346-352.	2.6	22
63	Ageing and Toll-like receptor expression by innate immune cells in chronic human schistosomiasis. Clinical and Experimental Immunology, 2007, 149, 274-284.	2.6	21
64	Oral Combined Therapy with Probiotics and Alloantigen Induces B Cellâ€“Dependent Long-Lasting Specific Tolerance. Journal of Immunology, 2014, 192, 1928-1937.	0.8	21
65	Immaturity, Ageing and Oral Tolerance. Scandinavian Journal of Immunology, 1997, 46, 225-229.	2.7	20
66	Aging and immunoglobulin isotype patterns in oral tolerance. Brazilian Journal of Medical and Biological Research, 1998, 31, 35-48.	1.5	20
67	Specific immune responses but not basal functions of B and T cells are impaired in aged mice. Cellular Immunology, 2009, 256, 1-5.	3.0	20
68	The DNA Sensor AIM2 Protects against Streptozotocin-Induced Type 1 Diabetes by Regulating Intestinal Homeostasis via the IL-18 Pathway. Cells, 2020, 9, 959.	4.1	19
69	Oral tolerance correlates with high levels of lymphocyte activity. Cellular Immunology, 2012, 280, 171-181.	3.0	18
70	PD-L1+ and XCR1+ dendritic cells are region-specific regulators of gut homeostasis. Nature Communications, 2021, 12, 4907.	12.8	18
71	Role of mesenteric lymph nodes and aging in secretory IgA production in mice. Cellular Immunology, 2008, 253, 5-10.	3.0	17
72	Phenotypic Study of Peripheral Blood Lymphocytes and Humoral Immune Response in Helicobacter pylori Infection According to Age. Scandinavian Journal of Immunology, 2005, 62, 63-70.	2.7	16

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73	Inflammaging in Endemic Areas for Infectious Diseases. Frontiers in Immunology, 2020, 11, 579972.	4.8	16
74	Diet-induced obesity promotes systemic inflammation and increased susceptibility to murine visceral leishmaniasis. Parasitology, 2016, 143, 1647-1655.	1.5	15
75	Aberrant methylation patterns in colorectal cancer: a meta-analysis. Oncotarget, 2017, 8, 12820-12830.	1.8	15
76	Decreased Nasal Tolerance to Allergic Asthma in Mice Fed an Amino Acid-Based Protein-Free Diet. Annals of the New York Academy of Sciences, 2004, 1029, 361-365.	3.8	14
77	Splenectomy does not interfere with immune response to Leishmania major infection in mice. Cellular Immunology, 2007, 249, 1-7.	3.0	14
78	Interruption of recently induced immune responses by oral administration of antigen. Brazilian Journal of Medical and Biological Research, 1998, 31, 377-380.	1.5	13
79	Production of interferon-Î³ by natural killer cells and aging in chronic human schistosomiasis. Mediators of Inflammation, 2004, 13, 327-333.	3.0	13
80	Oral Tolerance: Physiologic Basis and Clinical Applications. , 2005, , 487-537.		13
81	Hsp65-Producing Lactococcocus lactis Prevents Antigen-Induced Arthritis in Mice. Frontiers in Immunology, 2020, 11, 562905.	4.8	13
82	Differences in peripheral blood lymphocyte phenotypes between Helicobacter pylori-positive children and adults with duodenal ulcer. Clinical Microbiology and Infection, 2007, 13, 1083-1088.	6.0	12
83	Effect of a protein-free diet in the development of food allergy and oral tolerance in BALB/c mice. British Journal of Nutrition, 2015, 113, 935-943.	2.3	12
84	Oral tolerance as antigen-specific immunotherapy. Immunotherapy Advances, 2021, 1, .	3.0	12
85	A Defective TLR4 Signaling for IFN-Î² Expression Is Responsible for the Innately Lower Ability of BALB/c Macrophages to Produce NO in Response to LPS as Compared to C57BL/6. PLoS ONE, 2014, 9, e98913.	2.5	12
86	Consumption of Diet Containing Free Amino Acids Exacerbates Colitis in Mice. Frontiers in Immunology, 2017, 8, 1587.	4.8	11
87	Role of SOCS2 in the Regulation of Immune Response and Development of the Experimental Autoimmune Encephalomyelitis. Mediators of Inflammation, 2019, 2019, 1-11.	3.0	11
88	The Virulence of Different Vaccinia Virus Strains Is Directly Proportional to Their Ability To Downmodulate Specific Cell-Mediated Immune Compartments In Vivo. Journal of Virology, 2019, 93, .	3.4	11
89	Aging and immune response in chronic human schistosomiasis. Acta Tropica, 2008, 108, 124-130.	2.0	10
90	Evaluation of the Allergenicity Potential of TcPR-10 Protein from Theobroma cacao. PLoS ONE, 2012, 7, e37969.	2.5	9

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91	Vitamin A supplementation leads to increases in regulatory CD4+Foxp3+LAP+ T cells in mice. Nutrition, 2015, 31, 1260-1265.	2.4	9
92	Lifewide profile of cytokine production by innate and adaptive immune cells from Brazilian individuals. Immunity and Ageing, 2017, 14, 2.	4.2	9
93	Obesity impairs resistance to Leishmania major infection in C57BL/6 mice. PLoS Neglected Tropical Diseases, 2020, 14, e0006596.	3.0	9
94	Eosinophils mediate SIgA production triggered by TLR2 and TLR4 to control Ascaris suum infection in mice. PLoS Pathogens, 2021, 17, e1010067.	4.7	9
95	Tolerance and Inflammation at the Gut Mucosa. Clinical and Developmental Immunology, 2012, 2012, 1-3.	3.3	8
96	Lyophilized Symbiotic Mitigates Mucositis Induced by 5-Fluorouracil. Frontiers in Pharmacology, 2021, 12, 755871.	3.5	8
97	Oral tolerance induction with altered forms of ovalbumin. Brazilian Journal of Medical and Biological Research, 1998, 31, 381-386.	1.5	7
98	Innate profiles of cytokines implicated on oral tolerance correlate with lowâ€•or highâ€suppression of humoral response. Immunology, 2010, 130, 447-457.	4.4	7
99	Susceptibility to Entamoeba histolytica Intestinal Infection Is Related to Reduction in Natural Killer T-Lymphocytes in C57BL/6 Mice. Gastroenterology Insights, 2012, 4, e27.	1.2	7
100	Genetic Selection for Resistance or Susceptibility to Oral Tolerance to Ovalbumin Affects General Mechanisms of Tolerance Induction in Mice. Annals of the New York Academy of Sciences, 2004, 1029, 350-354.	3.8	6
101	Lack of Platelet-Activating Factor Receptor Attenuates Experimental Food Allergy but Not Its Metabolic Alterations regarding Adipokine Levels. BioMed Research International, 2016, 2016, 1-10.	1.9	6
102	Prato cheese containing Lactobacillus casei 01 fails to prevent dextran sodium sulphate-induced colitis. International Dairy Journal, 2019, 99, 104551.	3.0	6
103	T560: an (H-2b Ã— H-2a) F1 hybrid, phosphorylcholine (PC)-binding, murine B cell lymphoma that bears receptors for IgA and IgG, Presents antigen and secretes IL-4. International Immunology, 1992, 4, 107-118.	4.0	5
104	Consumption of conjugated linoleic acid (CLA)-supplemented diet during colitis development ameliorates gut inflammation without causing steatosis in mice. Journal of Nutritional Biochemistry, 2018, 57, 238-245.	4.2	5
105	Gestational Diabetes Mellitus Changes Human Colostrum Immune Composition. Frontiers in Immunology, 0, 13, .	4.8	5
106	Previous Ingestion ofLactococcus lactisby Ethanol-Treated Mice Preserves Antigen Presentation Hierarchy in the Gut and Oral Tolerance Susceptibility. Alcoholism: Clinical and Experimental Research, 2015, 39, 1453-1464.	2.4	4
107	Oral Tolerance Induced by Heat Shock Protein 65-Producing Lactococcus lactis Mitigates Inflammation in Leishmania braziliensis Infection. Frontiers in Immunology, 2021, 12, 647987.	4.8	4
108	Sensitivity of receptors for IgA on T560, a murine B lymphoma, to phorbol myristate acetate and to phosphatidylinositol-specific phospholipase C. Immunologic Research, 1991, 10, 432-436.	2.9	3

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109	IgG2a and IgA Co-Expression by the Natural Autoantibody-producing Murine B Lymphoma T560. Autoimmunity, 2001, 33, 181-197.	2.6	3
110	The IgG2a/IgA Produced by the Murine T560 B Lymphoma that Arose During a Graft-Versus-Host Reaction is Polyreactive and Somatically Mutated. Autoimmunity, 1999, 29, 215-233.	2.6	2
111	Systemic administration of a nanoemulsion with tributyrin reduces inflammation in experimental colitis. European Journal of Lipid Science and Technology, 2016, 118, 157-164.	1.5	2
112	Genetic background affects the mucosal SIgA levels, parasite burden, lung inflammation and susceptibility of male mice to Ascaris suum infection.. Infection and Immunity, 2021, , IAI0059521.	2.2	2
113	Neuroimmune circuits involved in Î²-lactoglobulin-induced food allergy. Brain, Behavior, & Immunity - Health, 2022, 23, 100471.	2.5	2
114	Population Immunology: Germs, Aging and Inflammation. , 2014, , 145-161.		1
115	The IgA Receptors of T560, a Murine IL-4-Secreting, CD5â^', IgG2AÎ²+, BrMRBC-Binding B Lymphomaa. Annals of the New York Academy of Sciences, 1992, 651, 491-493.	3.8	0
116	Evaluation of calcium supplementation with algae (Lithothamnion muelleri) on metabolic and inflammatory parameters in mice fed a high refined carbohydrate-containing diet. International Journal of Food Sciences and Nutrition, 2014, 65, 489-494.	2.8	0