

Angelica T Vieira

List of Publications by Citations

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77
papers

6,209
citations

37
h-index

78
g-index

79
ext. papers

7,493
ext. citations

7
avg, IF

5.27
L-index

#	Paper	IF	Citations
77	Regulation of inflammatory responses by gut microbiota and chemoattractant receptor GPR43. <i>Nature</i> , 2009 , 461, 1282-6	50.4	2011
76	Metabolite-sensing receptors GPR43 and GPR109A facilitate dietary fibre-induced gut homeostasis through regulation of the inflammasome. <i>Nature Communications</i> , 2015 , 6, 6734	17.4	658
75	The essential role of the intestinal microbiota in facilitating acute inflammatory responses. <i>Journal of Immunology</i> , 2004 , 173, 4137-46	5.3	187
74	Microbial influences on epithelial integrity and immune function as a basis for inflammatory diseases. <i>Immunological Reviews</i> , 2012 , 245, 164-76	11.3	152
73	The role of probiotics and prebiotics in inducing gut immunity. <i>Frontiers in Immunology</i> , 2013 , 4, 445	8.4	146
72	A Role for Gut Microbiota and the Metabolite-Sensing Receptor GPR43 in a Murine Model of Gout. <i>Arthritis and Rheumatology</i> , 2015 , 67, 1646-56	9.5	137
71	Transient TLR activation restores inflammatory response and ability to control pulmonary bacterial infection in germfree mice. <i>Journal of Immunology</i> , 2012 , 188, 1411-20	5.3	136
70	Anti-inflammatory effects of the activation of the angiotensin-(1-7) receptor, MAS, in experimental models of arthritis. <i>Journal of Immunology</i> , 2010 , 185, 5569-76	5.3	130
69	The chemokine receptors CXCR1/CXCR2 modulate antigen-induced arthritis by regulating adhesion of neutrophils to the synovial microvasculature. <i>Arthritis and Rheumatism</i> , 2008 , 58, 2329-37		126
68	Microbiota-derived acetate protects against respiratory syncytial virus infection through a GPR43-type 1 interferon response. <i>Nature Communications</i> , 2019 , 10, 3273	17.4	118
67	The required role of endogenously produced lipoxin A4 and annexin-1 for the production of IL-10 and inflammatory hyporesponsiveness in mice. <i>Journal of Immunology</i> , 2007 , 179, 8533-43	5.3	112
66	The central role of the gut microbiota in chronic inflammatory diseases. <i>Journal of Immunology Research</i> , 2014 , 2014, 689492	4.5	110
65	Gut Dysbiosis during Influenza Contributes to Pulmonary Pneumococcal Superinfection through Altered Short-Chain Fatty Acid Production. <i>Cell Reports</i> , 2020 , 30, 2934-2947.e6	10.6	109
64	Skin wound healing is accelerated and scarless in the absence of commensal microbiota. <i>Journal of Immunology</i> , 2014 , 193, 5171-80	5.3	109
63	Repertaxin, a novel inhibitor of rat CXCR2 function, inhibits inflammatory responses that follow intestinal ischaemia and reperfusion injury. <i>British Journal of Pharmacology</i> , 2004 , 143, 132-42	8.6	91
62	PDE4 inhibition drives resolution of neutrophilic inflammation by inducing apoptosis in a PKA-PI3K/Akt-dependent and NF-kappaB-independent manner. <i>Journal of Leukocyte Biology</i> , 2010 , 87, 895-904	6.5	90
61	Control of <i>Klebsiella pneumoniae</i> pulmonary infection and immunomodulation by oral treatment with the commensal probiotic <i>Bifidobacterium longum</i> 5(1A). <i>Microbes and Infection</i> , 2016 , 18, 180-9	9.3	81

60	Comparative study of Bifidobacterium animalis, Escherichia coli, Lactobacillus casei and Saccharomyces boulardii probiotic properties. <i>Archives of Microbiology</i> , 2009 , 191, 623-30	3	75
59	Dual function of the long pentraxin PTX3 in resistance against pulmonary infection with Klebsiella pneumoniae in transgenic mice. <i>Microbes and Infection</i> , 2006 , 8, 1321-9	9.3	75
58	Mechanisms of the anti-inflammatory effects of the natural secosteroids physalins in a model of intestinal ischaemia and reperfusion injury. <i>British Journal of Pharmacology</i> , 2005 , 146, 244-51	8.6	72
57	Dietary fiber and the short-chain fatty acid acetate promote resolution of neutrophilic inflammation in a model of gout in mice. <i>Journal of Leukocyte Biology</i> , 2017 , 101, 275-284	6.5	71
56	Treatment with a novel chemokine-binding protein or eosinophil lineage-ablation protects mice from experimental colitis. <i>American Journal of Pathology</i> , 2009 , 175, 2382-91	5.8	71
55	New insights into therapeutic strategies for gut microbiota modulation in inflammatory diseases. <i>Clinical and Translational Immunology</i> , 2016 , 5, e87	6.8	64
54	Acetate coordinates neutrophil and ILC3 responses against C. difficile through FFAR2. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	63
53	Mechanisms of the anti-inflammatory actions of the angiotensin type 1 receptor antagonist losartan in experimental models of arthritis. <i>Peptides</i> , 2013 , 46, 53-63	3.8	54
52	NF-kappaB plays a major role during the systemic and local acute inflammatory response following intestinal reperfusion injury. <i>British Journal of Pharmacology</i> , 2005 , 145, 246-54	8.6	54
51	Evaluation of mucositis induced by irinotecan after microbial colonization in germ-free mice. <i>Microbiology (United Kingdom)</i> , 2015 , 161, 1950-1960	2.9	54
50	The cytosolic sensor STING is required for intestinal homeostasis and control of inflammation. <i>Mucosal Immunology</i> , 2018 , 11, 820-834	9.2	51
49	Inhibition of tissue inflammation and bacterial translocation as one of the protective mechanisms of Saccharomyces boulardii against Salmonella infection in mice. <i>Microbes and Infection</i> , 2013 , 15, 270-9	9.3	50
48	The Metabolic Sensor GPR43 Receptor Plays a Role in the Control of Infection in the Lung. <i>Frontiers in Immunology</i> , 2018 , 9, 142	8.4	45
47	Oral treatment with Saccharomyces cerevisiae strain UFMG 905 modulates immune responses and interferes with signal pathways involved in the activation of inflammation in a murine model of typhoid fever. <i>International Journal of Medical Microbiology</i> , 2011 , 301, 359-64	3.7	45
46	Beneficial effects of the activation of the angiotensin-(1-7) MAS receptor in a murine model of adriamycin-induced nephropathy. <i>PLoS ONE</i> , 2013 , 8, e66082	3.7	44
45	Influence of Oral and Gut Microbiota in the Health of Menopausal Women. <i>Frontiers in Microbiology</i> , 2017 , 8, 1884	5.7	43
44	ST2, an IL-1R family member, attenuates inflammation and lethality after intestinal ischemia and reperfusion. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 492-9	6.5	43
43	Preventive rather than therapeutic treatment with high fiber diet attenuates clinical and inflammatory markers of acute and chronic DSS-induced colitis in mice. <i>European Journal of Nutrition</i> , 2017 , 56, 179-191		42

42	Effects of the treatment with glibenclamide, an ATP-sensitive potassium channel blocker, on intestinal ischemia and reperfusion injury. <i>European Journal of Pharmacology</i> , 2007 , 556, 215-22	5.3	41
41	Bacterial short-chain fatty acid metabolites modulate the inflammatory response against infectious bacteria. <i>Cellular Microbiology</i> , 2017 , 19, e12720	3.9	37
40	Hypertension Is Associated With Intestinal Microbiota Dysbiosis and Inflammation in a Brazilian Population. <i>Frontiers in Pharmacology</i> , 2020 , 11, 258	5.6	37
39	<i>Escherichia coli</i> strain Nissle 1917 ameliorates experimental colitis by modulating intestinal permeability, the inflammatory response and clinical signs in a faecal transplantation model. <i>Journal of Medical Microbiology</i> , 2016 , 65, 201-210	3.2	37
38	Effects of an anti-inflammatory VAP-1/SSAO inhibitor, PXS-4728A, on pulmonary neutrophil migration. <i>Respiratory Research</i> , 2015 , 16, 42	7.3	36
37	APT070 (Mirococept), a membrane-localised complement inhibitor, inhibits inflammatory responses that follow intestinal ischaemia and reperfusion injury. <i>British Journal of Pharmacology</i> , 2005 , 145, 1027-34	8.6	36
36	Mechanisms by Which the Gut Microbiota Influences Cytokine Production and Modulates Host Inflammatory Responses. <i>Journal of Interferon and Cytokine Research</i> , 2019 , 39, 393-409	3.5	33
35	<i>Schistosoma mansoni</i> SmKI-1 serine protease inhibitor binds to elastase and impairs neutrophil function and inflammation. <i>PLoS Pathogens</i> , 2018 , 14, e1006870	7.6	32
34	The role of macrophage migration inhibitory factor in the cascade of events leading to reperfusion-induced inflammatory injury and lethality. <i>American Journal of Pathology</i> , 2007 , 171, 1887-93	5.8	28
33	Impaired host defense to <i>Klebsiella pneumoniae</i> infection in mice treated with the PDE4 inhibitor rolipram. <i>British Journal of Pharmacology</i> , 2003 , 140, 855-62	8.6	26
32	Short-chain fatty acids and FFAR2 as suppressors of bone resorption. <i>Bone</i> , 2019 , 125, 112-121	4.7	25
31	<i>Saccharomyces cerevisiae</i> UFMG A-905 treatment reduces intestinal damage in a murine model of irinotecan-induced mucositis. <i>Beneficial Microbes</i> , 2016 , 7, 549-57	4.9	25
30	Effect of <i>Saccharomyces cerevisiae</i> strain UFMG A-905 in experimental model of inflammatory bowel disease. <i>Beneficial Microbes</i> , 2015 , 6, 807-15	4.9	23
29	Evaluation of in vitro antagonism and of in vivo immune modulation and protection against pathogenic experimental challenge of two probiotic strains of <i>Bifidobacterium animalis</i> var. <i>lactis</i> . <i>Archives of Microbiology</i> , 2010 , 192, 995-1003	3	23
28	Pro-inflammatory effects of the mushroom <i>Agaricus blazei</i> and its consequences on atherosclerosis development. <i>European Journal of Nutrition</i> , 2012 , 51, 927-37	5.2	22
27	<i>Bifidobacterium longum</i> subsp. <i>infantis</i> BB-02 attenuates acute murine experimental model of inflammatory bowel disease. <i>Beneficial Microbes</i> , 2015 , 6, 277-86	4.9	21
26	Treatment with Selemax [®] , a selenium-enriched yeast, ameliorates experimental arthritis in rats and mice. <i>British Journal of Nutrition</i> , 2012 , 108, 1829-38	3.6	19
25	Evaluating the effects of refined carbohydrate and fat diets with acute ethanol consumption using a mouse model of alcoholic liver injury. <i>Journal of Nutritional Biochemistry</i> , 2017 , 39, 93-100	6.3	18

24	PI3K controls leukocyte recruitment, tissue injury, and lethality in a model of graft-versus-host disease in mice. <i>Journal of Leukocyte Biology</i> , 2011 , 89, 955-64	6.5	17
23	Effects of PKF242-484 and PKF241-466, novel dual inhibitors of TNF-alpha converting enzyme and matrix metalloproteinases, in a model of intestinal reperfusion injury in mice. <i>European Journal of Pharmacology</i> , 2007 , 571, 72-80	5.3	17
22	Whey Protein Isolate-Supplemented Beverage, Fermented by BL23 and 138, in the Prevention of Mucositis in Mice. <i>Frontiers in Microbiology</i> , 2018 , 9, 2035	5.7	17
21	CLA-supplemented diet accelerates experimental colorectal cancer by inducing TGF- β -producing macrophages and T cells. <i>Mucosal Immunology</i> , 2019 , 12, 188-199	9.2	15
20	Platelet-activating factor receptor plays a role in the pathogenesis of graft-versus-host disease by regulating leukocyte recruitment, tissue injury, and lethality. <i>Journal of Leukocyte Biology</i> , 2012 , 91, 629-39	6.5	13
19	Influenza Virus Infection Impairs the Gut Barrier Properties and Favors Secondary Enteric Bacterial Infection through Reduced Production of Short-Chain Fatty Acids. <i>Infection and Immunity</i> , 2021 , 89, e0073420	3.7	12
18	IL-1R and Inflammasomes Mediate Early Pulmonary Protective Mechanisms in Respiratory Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 391	5.9	11
17	Tissue macrophages as mediators of a healthy relationship with gut commensal microbiota. <i>Cellular Immunology</i> , 2018 , 330, 16-26	4.4	10
16	Microbiota-Induced Antibodies Are Essential for Host Inflammatory Responsiveness to Sterile and Infectious Stimuli. <i>Journal of Immunology</i> , 2017 , 198, 4096-4106	5.3	8
15	Treatment with Atorvastatin Provides Additional Benefits to Imipenem in a Model of Gram-Negative Pneumonia Induced by <i>Klebsiella pneumoniae</i> in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	8
14	Tumor Necrosis Factor, but Not Neutrophils, Alters the Metabolic Profile in Acute Experimental Arthritis. <i>PLoS ONE</i> , 2016 , 11, e0146403	3.7	8
13	Prophylactic <i>Bifidobacterium adolescentis</i> ATCC 15703 supplementation reduces partially allergic airway disease in Balb/c but not in C57BL/6 mice. <i>Beneficial Microbes</i> , 2018 , 9, 465-476	4.9	6
12	Gut Microbiota Modulation as a Potential Target for the Treatment of Lung Infections. <i>Frontiers in Pharmacology</i> , 2021 , 12, 724033	5.6	6
11	Hsp65-Producing Prevents Antigen-Induced Arthritis in Mice. <i>Frontiers in Immunology</i> , 2020 , 11, 562905	8.4	5
10	Effects of dietary fibre intake in chemotherapy-induced mucositis in murine model. <i>British Journal of Nutrition</i> , 2021 , 126, 853-864	3.6	4
9	A probiotic has differential effects on allergic airway inflammation in A/J and C57BL/6 mice and is correlated with the gut microbiome. <i>Microbiome</i> , 2021 , 9, 134	16.6	4
8	The Role of ST2 Receptor in the Regulation of Oral Infection. <i>Pathogens</i> , 2020 , 9,	4.5	2
7	Regulation of Immune Cell Function by Short Chain Fatty Acids and Their Impact on Arthritis 2019 , 175-188		2

6	Comparative genomics and in silico gene evaluation involved in the probiotic potential of <i>Bifidobacterium longum</i> 5. <i>Gene</i> , 2021 , 795, 145781	3.8	2
5	Emerging therapeutic targets and preclinical models for severe asthma. <i>Expert Opinion on Therapeutic Targets</i> , 2020 , 24, 845-857	6.4	1
4	<i>Bifidobacterium longum</i> subsp. <i>longum</i> 5 attenuates intestinal injury against irinotecan-induced mucositis in mice.. <i>Life Sciences</i> , 2021 , 289, 120243	6.8	1
3	NLRP6-associated host microbiota composition impacts in the intestinal barrier to systemic dissemination of <i>Brucella abortus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009171	4.8	1
2	The Therapeutic Treatment with the GAG-Binding Chemokine Fragment CXCL9(74-103) Attenuates Neutrophilic Inflammation and Lung Dysfunction during <i>Klebsiella pneumoniae</i> Infection in Mice. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6246	6.3	0
1	The Gut Microbiota and Immunopathophysiology 2021 ,		