Flaviano dos Santos Martins

List of Publications by Year in Descending Order

83 papers	2,355 citations	28 h-index	47 g-index
89 ext. papers	2,925 ext. citations	4.9 avg, IF	4.73 L-index

#	Paper	IF	Citations
83	Bifidobacterium longum subsp. longum 5 attenuates intestinal injury against irinotecan-induced mucositis in mice.. *Life Sciences*, **2021**, 289, 120243	6.8	1
82	Isolation and Identification of Potential Probiotic Bacteria from Human Milk. *Probiotics and Antimicrobial Proteins*, **2021**, 1	5.5	2
81	Saccharomyces boulardii as therapeutic alternative in experimental giardiasis. *Journal of Applied Microbiology*, **2021**, 131, 460-469	4.7	1
80	In Vitro and In Vivo Evaluation of the Probiotic Potential of Antarctic Yeasts. *Probiotics and Antimicrobial Proteins*, **2021**, 13, 1338-1354	5.5	4
79	Preventive oral supplementation with 5 alleviates oxazolone-induced allergic contact dermatitis-like skin inflammation in mice. *Beneficial Microbes*, **2021**, 12, 199-209	4.9	2
78	A probiotic has differential effects on allergic airway inflammation in A/J and C57BL/6 mice and is correlated with the gut microbiome. *Microbiome*, **2021**, 9, 134	16.6	4
77	A(Martius) Promotes Jejunal Tissue Regeneration by Enhancing Antioxidant Response in 5-Fluorouracil-Induced Mucositis. *Nutrition and Cancer*, **2021**, 73, 523-533	2.8	2
76	Prophylactic and therapeutic supplementation using fructo-oligosaccharide improves the intestinal homeostasis after mucositis induced by 5- fluorouracil. *Biomedicine and Pharmacotherapy*, **2021**, 133, 111012	7.5	7
75	NLRP6-associated host microbiota composition impacts in the intestinal barrier to systemic dissemination of Brucella abortus. *PLoS Neglected Tropical Diseases*, **2021**, 15, e0009171	4.8	1
74	Antarctic Strain of Rhodotorula mucilaginosa UFMGCB 18,377 Attenuates Mucositis Induced by 5-Fluorouracil in Mice. *Probiotics and Antimicrobial Proteins*, **2021**, 1	5.5	3
73	Comparative genomics and in silico gene evaluation involved in the probiotic potential of Bifidobacterium longum 5. *Gene*, **2021**, 795, 145781	3.8	2
72	Paraprobiotic Lacticaseibacillus rhamnosus Protects Intestinal Damage in an Experimental Murine Model of Mucositis. *Probiotics and Antimicrobial Proteins*, **2021**, 1	5.5	2
71	Bifidobacterium longum subsp. longum 5 Attenuates Signs of Inflammation in a Murine Model of Food Allergy. *Probiotics and Antimicrobial Proteins*, **2021**, 1	5.5	0
70	Kluyveromyces lactis and Torulaspora delbrueckii: Probiotic characterization, anti-Salmonella effect, and impact on cheese quality. *LWT - Food Science and Technology*, **2021**, 151, 112240	5.4	2
69	The Role of ST2 Receptor in the Regulation of Oral Infection. *Pathogens*, **2020**, 9,	4.5	2
68	Host dysbiosis negatively impacts IL-9-producing T-cell differentiation and antitumour immunity. *British Journal of Cancer*, **2020**, 123, 534-541	8.7	7
67	Effect of UFMG A-905 in a murine model of food allergy. *Beneficial Microbes*, **2020**, 11, 255-268	4.9	4

66	Beneficial effects resulting from oral administration of Nissle 1917 on a chronic colitis model. *Beneficial Microbes*, **2020**, 11, 779-790	4.9	4
65	Enoxacin induces oxidative metabolism and mitigates obesity by regulating adipose tissue miRNA expression. *Science Advances*, **2020**, 6,	14.3	8
64	Treatment with 5 attenuates intestinal damage and inflammatory response in experimental colitis. *Beneficial Microbes*, **2020**, 11, 47-57	4.9	12
63	Virus and microbiota relationships in humans and other mammals: An evolutionary view. *Human Microbiome Journal*, **2019**, 11, 100050	5.6	7
62	Treatment with selenium-enriched Saccharomyces cerevisiae UFMG A-905 partially ameliorates mucositis induced by 5-fluorouracil in mice. *Cancer Chemotherapy and Pharmacology*, **2019**, 84, 117-126	3.5	14
61	Butyrate Protects Mice from Clostridium difficile-Induced Colitis through an HIF-1-Dependent Mechanism. *Cell Reports*, **2019**, 27, 750-761.e7	10.6	110
60	Genetically engineered probiotic Saccharomyces cerevisiae strains mature human dendritic cells and stimulate Gag-specific memory CD8 T cells ex vivo. *Applied Microbiology and Biotechnology*, **2019**, 103, 5183-5192	5.7	8
59	Fermented whey dairy beverage offers protection against Salmonella enterica ssp. enterica serovar Typhimurium infection in mice. *Journal of Dairy Science*, **2019**, 102, 6756-6765	4	27
58	Supplementation with Increases the Maximal Oxygen Consumption and Maximal Aerobic Speed Attained by Rats Subjected to an Incremental-Speed Exercise. *Nutrients*, **2019**, 11,	6.7	11
57	Protective effect of Lactobacillus delbrueckii subsp. Lactis CIDCA 133 in a model of 5 Fluorouracil-Induced intestinal mucositis. *Journal of Functional Foods*, **2019**, 53, 197-207	5.1	17
56	Oral administration of Simbioflora (synbiotic) attenuates intestinal damage in a mouse model of 5-fluorouracil-induced mucositis. *Beneficial Microbes*, **2018**, 9, 477-486	4.9	23
55	Prophylactic Bifidobacterium adolescentis ATTCC 15703 supplementation reduces partially allergic airway disease in Balb/c but not in C57BL/6 mice. *Beneficial Microbes*, **2018**, 9, 465-476	4.9	6
54	The Metabolic Sensor GPR43 Receptor Plays a Role in the Control of Infection in the Lung. *Frontiers in Immunology*, **2018**, 9, 142	8.4	45
53	In vitro evaluation of antagonism, modulation of cytokines and extracellular matrix proteins by Bifidobacterium strains. *Letters in Applied Microbiology*, **2018**, 67, 497-505	2.9	9
52	Conjugated linoleic acid prevents damage caused by intestinal mucositis induced by 5-fluorouracil in an experimental model. *Biomedicine and Pharmacotherapy*, **2018**, 103, 1567-1576	7.5	22
51	Anti-inflammatory effect of two Lactobacillus strains during infection with Gardnerella vaginalis and Candida albicans in a HeLa cell culture model. *Microbiology (United Kingdom)*, **2018**, 164, 349-358	2.9	18
50	Effect of probiotic Saccharomyces boulardii in experimental giardiasis. *Beneficial Microbes*, **2018**, 9, 789-797	4.9	12
49	Preventive rather than therapeutic treatment with high fiber diet attenuates clinical and inflammatory markers of acute and chronic DSS-induced colitis in mice. *European Journal of Nutrition*, **2017**, 56, 179-191		42

48	Oral administration of Saccharomyces cerevisiae UFMG A-905 prevents allergic asthma in mice. *Respirology*, **2017**, 22, 905-912	3.6	14
47	Intestinal toxicity evaluation of long-circulating and pH-sensitive liposomes loaded with cisplatin. *European Journal of Pharmaceutical Sciences*, **2017**, 106, 142-151	5.1	12
46	Evaluation of Potential Probiotics Isolated from Human Milk and Colostrum. *Probiotics and Antimicrobial Proteins*, **2017**, 9, 371-379	5.5	51
45	Daily ingestion of the probiotic Lactobacillus paracasei ST11 decreases Vaccinia virus dissemination and lethality in a mouse model. *Beneficial Microbes*, **2017**, 8, 73-80	4.9	1
44	Evaluation of colonisation resistance in stool of human donors using ex vivo, in vitro and in vivo assays. *Beneficial Microbes*, **2017**, 8, 217-230	4.9	2
43	Dietary fiber and the short-chain fatty acid acetate promote resolution of neutrophilic inflammation in a model of gout in mice. *Journal of Leukocyte Biology*, **2017**, 101, 275-284	6.5	71
42	Effect of Conjugated Linoleic Acid-enriched Butter After 24 hours of Intestinal Mucositis Induction. *Nutrition and Cancer*, **2017**, 69, 168-175	2.8	5
41	Saccharomyces cerevisiae UFMG A-905 treatment reduces intestinal damage in a murine model of irinotecan-induced mucositis. *Beneficial Microbes*, **2016**, 7, 549-57	4.9	25
40	Membrane damage by lipid peroxidation retains the cadmium constraint and is not the primary cause of K+ extrusion in yeast. *Annals of Microbiology*, **2016**, 66, 973-979	3.2	3
39	Control of Klebsiella pneumoniae pulmonary infection and immunomodulation by oral treatment with the commensal probiotic Bifidobacterium longum 5(1A). *Microbes and Infection*, **2016**, 18, 180-9	9.3	81
38	Lipid droplet levels vary heterogeneously in response to simulated gastrointestinal stresses in different probiotic Saccharomyces cerevisiae strains. *Journal of Functional Foods*, **2016**, 21, 193-200	5.1	7
37	Microbiota is an essential element for mice to initiate a protective immunity against Vaccinia virus. *FEMS Microbiology Ecology*, **2016**, 92,	4.3	3
36	Escherichia coli strain Nissle 1917 ameliorates experimental colitis by modulating intestinal permeability, the inflammatory response and clinical signs in a faecal transplantation model. *Journal of Medical Microbiology*, **2016**, 65, 201-210	3.2	37
35	Selection of Lactobacillus strains as potential probiotics for vaginitis treatment. *Microbiology (United Kingdom)*, **2016**, 162, 1195-1207	2.9	43
34	Beneficial Effect of Synbiotic Supplementation on Hepatic Steatosis and Anthropometric Parameters, But Not on Gut Permeability in a Population with Nonalcoholic Steatohepatitis. *Nutrients*, **2016**, 8,	6.7	60
33	The absence of microbiota delays the inflammatory response to Cryptococcus gattii. *International Journal of Medical Microbiology*, **2016**, 306, 187-95	3.7	19
32	Evaluation of sodium selenite effects on the potential probiotic Saccharomyces cerevisiae UFMG A-905: A physiological and proteomic analysis. *Journal of Functional Foods*, **2015**, 17, 828-836	5.1	12
31	Probiotic Saccharomyces cerevisiae strains as biotherapeutic tools: is there room for improvement?. *Applied Microbiology and Biotechnology*, **2015**, 99, 6563-70	5.7	50

30	A Role for Gut Microbiota and the Metabolite-Sensing Receptor GPR43 in a Murine Model of Gout. *Arthritis and Rheumatology*, **2015**, 67, 1646-56	9.5	137
29	Effect of Saccharomyces cerevisiae strain UFMG A-905 in experimental model of inflammatory bowel disease. *Beneficial Microbes*, **2015**, 6, 807-15	4.9	23
28	Oral treatment with Bifidobacterium longum 51A reduced inflammation in a murine experimental model of gout. *Beneficial Microbes*, **2015**, 6, 799-806	4.9	28
27	Bifidobacterium longum subsp. infantis BB-02 attenuates acute murine experimental model of inflammatory bowel disease. *Beneficial Microbes*, **2015**, 6, 277-86	4.9	21
26	Dietary approach in the treatment of nonalcoholic fatty liver disease. *World Journal of Hepatology*, **2015**, 7, 2522-34	3.4	29
25	Evaluation of mucositis induced by irinotecan after microbial colonization in germ-free mice. *Microbiology (United Kingdom)*, **2015**, 161, 1950-1960	2.9	54
24	L-arginine supplementation prevents increases in intestinal permeability and bacterial translocation in male Swiss mice subjected to physical exercise under environmental heat stress. *Journal of Nutrition*, **2014**, 144, 218-23	4.1	51
23	Skin wound healing is accelerated and scarless in the absence of commensal microbiota. *Journal of Immunology*, **2014**, 193, 5171-80	5.3	109
22	Pretreatment with Saccharomyces boulardii does not prevent the experimental mucositis in Swiss mice. *Journal of Negative Results in BioMedicine*, **2014**, 13, 6		23
21	Malaria-induced NLRP12/NLRP3-dependent caspase-1 activation mediates inflammation and hypersensitivity to bacterial superinfection. *PLoS Pathogens*, **2014**, 10, e1003885	7.6	104
20	Effects of nitric oxide synthase inhibition on glutamine action in a bacterial translocation model. *British Journal of Nutrition*, **2014**, 111, 93-100	3.6	17
19	The central role of the gut microbiota in chronic inflammatory diseases. *Journal of Immunology Research*, **2014**, 2014, 689492	4.5	110
18	Dietary glutamine prevents the loss of intestinal barrier function and attenuates the increase in core body temperature induced by acute heat exposure. *British Journal of Nutrition*, **2014**, 112, 1601-10	3.6	31
17	The role of L-arginine-nitric oxide pathway in bacterial translocation. *Amino Acids*, **2013**, 45, 1089-96	3.5	22
16	Inhibition of tissue inflammation and bacterial translocation as one of the protective mechanisms of Saccharomyces boulardii against Salmonella infection in mice. *Microbes and Infection*, **2013**, 15, 270-9	9.3	50
15	The role of probiotics and prebiotics in inducing gut immunity. *Frontiers in Immunology*, **2013**, 4, 445	8.4	146
14	EVALUATION OF INTESTINAL INVASION IN GERM-FREE MICE CHALLENGED WITH ACID-ADAPTED AND NONACID-ADAPTED SALMONELLA ENTERITIDIS SE86 AND SALMONELLA TYPHIMURIUM ST99. *Journal of Food Safety*, **2012**, 32, 108-114	2	6
13	Pretreatment with citrulline improves gut barrier after intestinal obstruction in mice. *Journal of Parenteral and Enteral Nutrition*, **2012**, 36, 69-76	4.2	31

12	Treatment with Selemax , a selenium-enriched yeast, ameliorates experimental arthritis in rats and mice. *British Journal of Nutrition*, **2012**, 108, 1829-38	3.6	19
11	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. *International Journal of Medical Microbiology*, **2011**, 301, 359-64	3.7	45
10	Protection against increased intestinal permeability and bacterial translocation induced by intestinal obstruction in mice treated with viable and heat-killed Saccharomyces boulardii. *European Journal of Nutrition*, **2011**, 50, 261-9	5.2	48
9	Saccharomyces cerevisiae strain UFMG 905 protects against bacterial translocation, preserves gut barrier integrity and stimulates the immune system in a murine intestinal obstruction model. *Archives of Microbiology*, **2010**, 192, 477-84	3	49
8	Evaluation of in vitro antagonism and of in vivo immune modulation and protection against pathogenic experimental challenge of two probiotic strains of Bifidobacterium animalis var. lactis. *Archives of Microbiology*, **2010**, 192, 995-1003	3	23
7	Interaction of Saccharomyces boulardii with Salmonella enterica serovar Typhimurium protects mice and modifies T84 cell response to the infection. *PLoS ONE*, **2010**, 5, e8925	3.7	65
6	Physiological characterization of non-Saccharomyces yeasts from agro-industrial and environmental origins with possible probiotic function. *World Journal of Microbiology and Biotechnology*, **2009**, 25, 657-666	4.4	15
5	Comparative study of Bifidobacterium animalis, Escherichia coli, Lactobacillus casei and Saccharomyces boulardii probiotic properties. *Archives of Microbiology*, **2009**, 191, 623-30	3	75
4	Effects of yeast probiotic formulation on viability, revival and protection against infection with Salmonella enterica ssp. enterica serovar Typhimurium in mice. *Letters in Applied Microbiology*, **2009** , 49, 738-44	2.9	21
3	Effect of the trehalose levels on the screening of yeast as probiotic by in vivo and in vitro assays. *Brazilian Journal of Microbiology*, **2008**, 39, 50-55	2.2	8
2	Effect of the trehalose levels on the screening of yeast as probiotic by in vivo and in vitro assays. *Brazilian Journal of Microbiology*, **2008**, 39, 50-5	2.2	1
1	Saccharomyces cerevisiae strain 905 reduces the translocation of Salmonella enterica serotype Typhimurium and stimulates the immune system in gnotobiotic and conventional mice. *Journal of Medical Microbiology*, **2007**, 56, 352-359	3.2	53