Heitor S P De Souza

List of Publications by Year
in descending order

93 papers	4,085 citations	147786 31 h-index	123420 61 g-index
93 all docs	93 docs citations	93 times ranked	7003 citing authors

#	Article	IF	Citations
1	Immunopathogenesis of IBD: current state of the art. Nature Reviews Gastroenterology and Hepatology, 2016, 13, 13-27.	17.8	1,107
2	The IBD interactome: an integrated view of aetiology, pathogenesis and therapy. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 739-749.	17.8	301
3	Expression of lymphocyte-endothelial receptor-ligand pairs, alpha 4beta 7/MAdCAM-1 and OX40/OX40 ligand in the colon and jejunum of patients with inflammatory bowel disease. Gut, 1999, 45, 856-863.	12.1	189
4	Oxidative stress fuels Trypanosoma cruzi infection in mice. Journal of Clinical Investigation, 2012, 122, 2531-2542.	8.2	163
5	Diet and microbiota in inflammatory bowel disease: The gut in disharmony. World Journal of Gastroenterology, 2017, 23, 2124.	3.3	123
6	Intraperitoneal but Not Intravenous Cryopreserved Mesenchymal Stromal Cells Home to the Inflamed Colon and Ameliorate Experimental Colitis. PLoS ONE, 2012, 7, e33360.	2.5	112
7	Cell Death and Inflammatory Bowel Diseases: Apoptosis, Necrosis, and Autophagy in the Intestinal Epithelium. BioMed Research International, 2014, 2014, 1-12.	1.9	104
8	Apoptosis in the intestinal mucosa of patients with inflammatory bowel disease: evidence of altered expression of FasL and perforin cytotoxic pathways. International Journal of Colorectal Disease, 2005, 20, 277-286.	2.2	103
9	Sulfate-reducing bacteria stimulate gut immune responses and contribute to inflammation in experimental colitis. Life Sciences, 2017, 189, 29-38.	4.3	92
10	Immunohistochemical Study of Intestinal Eosinophils in Inflammatory Bowel Disease. Journal of Clinical Gastroenterology, 2003, 36, 120-125.	2.2	90
11	Overexpression of ATP-activated P2X7 Receptors in the Intestinal Mucosa Is Implicated in the Pathogenesis of CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2014, 20, 444-457.	1.9	81
12	IL-13RÎ±2-bearing, type II NKT cells reactive to sulfatide self-antigen populate the mucosa of ulcerative colitis. Gut, 2014, 63, 1728-1736.	12.1	74
13	Dysbiosis in Inflammatory Bowel Disease: Pathogenic Role and Potential Therapeutic Targets. International Journal of Molecular Sciences, 2022, 23, 3464.	4.1	73
14	Enhanced Recruitment of CX3CR1+ T Cells by Mucosal Endothelial Cellâ€“Derived Fractalkine in Inflammatory Bowel Disease. Gastroenterology, 2007, 132, 139-153.	1.3	64
15	Prophylactic systemic P2X7 receptor blockade prevents experimental colitis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 65-78.	3.8	62
16	Extracellular ATP induces cell death in human intestinal epithelial cells. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1867-1878.	2.4	60
17	Unfractionated Heparin and New Heparin Analogues from Ascidians (Chordate-Tunicate) Ameliorate Colitis in Rats. Journal of Biological Chemistry, 2009, 284, 11267-11278.	3.4	47
18	Etiopathogenesis of inflammatory bowel disease. Current Opinion in Gastroenterology, 2017, 33, 222-229.	2.3	46

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19	Use of butyrate or glutamine in enema solution reduces inflammation and fibrosis in experimental diversion colitis. World Journal of Gastroenterology, 2012, 18, 4278.	3.3	45
20	Inflammasome in Intestinal Inflammation and Cancer. Mediators of Inflammation, 2013, 2013, 1-8.	3.0	45
21	P2X7 receptor promotes intestinal inflammation in chemically induced colitis and triggers death of mucosal regulatory T cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1183-1194.	3.8	45
22	The Role of Innate Immunity Receptors in the Pathogenesis of Inflammatory Bowel Disease. Mediators of Inflammation, 2015, 2015, 1-10.	3.0	44
23	Effectiveness of current disinfection procedures against biofilm on contaminated GI endoscopes. Gastrointestinal Endoscopy, 2016, 83, 944-953.	1.0	44
24	Mucosal T Cell Proliferation and Apoptosis in Inflammatory Bowel Disease. Current Drug Targets, 2008, 9, 381-387.	2.1	43
25	Expression of purinergic receptors and modulation of P2X7 function by the inflammatory cytokine IFNÎ³ in human epithelial cells. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 1176-1187.	2.6	41
26	Macrophage migration inhibitory factor is critical to interleukinâ€5â€driven eosinophilopoiesis and tissue eosinophilia triggered by Schistosoma mansoni infection. FASEB Journal, 2009, 23, 1262-1271.	0.5	40
27	Effectiveness of Cissampelos sympodialis and its isolated alkaloid warifteine in airway hyperreactivity and lung remodeling in a mouse model of asthma. International Immunopharmacology, 2012, 13, 148-155.	3.8	40
28	MIF Participates in Toxoplasma gondii-Induced Pathology Following Oral Infection. PLoS ONE, 2011, 6, e25259.	2.5	40
29	Biochemical and immunohistochemical analysis of glycosaminoglycans in inflamed and non-inflamed intestinal mucosa of patients with Crohnâ€™s disease. International Journal of Colorectal Disease, 2005, 20, 295-304.	2.2	35
30	CXCR4 and MIF are required for neutrophil extracellular trap release triggered by Plasmodium-infected erythrocytes. PLoS Pathogens, 2020, 16, e1008230.	4.7	35
31	Hedgehog Pathway Signaling Regulates Human Colon Carcinoma HT-29 Epithelial Cell Line Apoptosis and Cytokine Secretion. PLoS ONE, 2012, 7, e45332.	2.5	35
32	Upper gastrointestinal bleeding in a Brazilian hospital: a retrospective study of endoscopic records. Arquivos De Gastroenterologia, 2002, 39, 74-80.	0.8	33
33	Interleukin-33 and Inflammatory Bowel Diseases: Lessons from Human Studies. Mediators of Inflammation, 2014, 2014, 1-10.	3.0	33
34	Characterizing the Presence and Sensitivity of the P2X7 Receptor in Different Compartments of the Gut. Journal of Innate Immunity, 2012, 4, 529-541.	3.8	30
35	Increased Levels of Survivin, via Association With Heat Shock Protein 90, in Mucosal T Cells From Patients With Crohn's Disease. Gastroenterology, 2012, 143, 1017-1026.e9.	1.3	30
36	Dietary Composition and Effects in Inflammatory Bowel Disease. Nutrients, 2019, 11, 1398.	4.1	30

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37	Damage-associated molecular patterns in inflammatory bowel disease: From biomarkers to therapeutic targets. World Journal of Gastroenterology, 2018, 24, 4622-4634.	3.3	29
38	Macrophage migration inhibitory factor promotes eosinophil accumulation and tissue remodeling in eosinophilic esophagitis. Mucosal Immunology, 2015, 8, 1154-1165.	6.0	26
39	Prognostic Significance of p53 Protein Expression in Early Gastric Cancer. Pathology and Oncology Research, 2011, 17, 349-355.	1.9	24
40	Therapeutic and prophylactic thalidomide in TNBS-induced colitis: Synergistic effects on TNF-Î±, IL-12 and VEGF production. World Journal of Gastroenterology, 2007, 13, 2166.	3.3	24
41	NFAT1 Transcription Factor Regulates Pulmonary Allergic Inflammation and Airway Responsiveness. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 66-75.	2.9	23
42	The socio-economic impact of work disability due to inflammatory bowel disease in Brazil. European Journal of Health Economics, 2018, 19, 463-470.	2.8	20
43	The P2X7 Receptor Promotes Colorectal Inflammation and Tumorigenesis by Modulating Gut Microbiota and the Inflammasome. International Journal of Molecular Sciences, 2022, 23, 4616.	4.1	19
44	Neuroimmunomodulation in the Gut: Focus on Inflammatory Bowel Disease. Mediators of Inflammation, 2016, 2016, 1-14.	3.0	18
45	Network Medicine: A Mandatory Next Step for Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2018, 24, 671-679.	1.9	17
46	Pancreatic Cancer Incidence and Lethality Rates in Brazil. Pancreas, 2017, 46, 699-706.	1.1	15
47	Ecological study of gastric cancer in Brazil: Geographic and time trend analysis. World Journal of Gastroenterology, 2014, 20, 5036.	3.3	15
48	Effects of ethanol on gut-associated lymphoid tissues in a model of bacterial translocation: a possible role of apoptosis. Alcohol, 2003, 30, 183-191.	1.7	14
49	FOCAL ENHANCED GASTRITIS AND MACROPHAGE MICROAGGREGATES IN THE GASTRIC MUCOSA: potential role in the differential diagnosis between Crohnâ€™s disease and ulcerative colitis. Arquivos De Gastroenterologia, 2014, 51, 276-282.	0.8	14
50	Heparanase expression and localization in different types of human lung cancer. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2599-2608.	2.4	14
51	Thiopurine-methyltransferase variants in inflammatory bowel disease: Prevalence and toxicity in Brazilian patients. World Journal of Gastroenterology, 2014, 20, 3327.	3.3	14
52	Ascidian (chordate-tunicate) and mammalian heparin enemas attenuate experimental diversion colitis. Surgery, 2014, 155, 217-227.	1.9	13
53	Schistosoma mansoni Coinfection Attenuates Murine Toxoplasma gondii-Induced Crohn's-Like Ileitis by Preserving the Epithelial Barrier and Downregulating the Inflammatory Response. Frontiers in Immunology, 2019, 10, 442.	4.8	13
54	Perfil celular do escarro induzido e sangue perifÃ©rico na doenÃ§a pulmonar obstrutiva crÃ´nica. Jornal Brasileiro De Pneumologia, 2007, 33, 510-518.	0.7	11

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55	Common NOD2/CARD15 and TLR4 Polymorphisms Are Associated with Crohnâ€™s Disease Phenotypes in Southeastern Brazilians. Digestive Diseases and Sciences, 2016, 61, 2636-2647.	2.3	11
56	Disruption of the Hedgehog signaling pathway in inflammatory bowel disease fosters chronic intestinal inflammation. Clinical and Experimental Medicine, 2017, 17, 351-369.	3.6	11
57	Clinical and laboratory markers associated with anti-TNF-alpha trough levels and anti-drug antibodies in patients with inflammatory bowel diseases. Medicine (United States), 2020, 99, e19359.	1.0	10
58	Fecal calprotectin as a noninvasive test to predict deep remission in patients with ulcerative colitis. Medicine (United States), 2021, 100, e24058.	1.0	10
59	Lung production of platelet-activating factor acetylhydrolase in oleic acid-induced acute lung injury. Prostaglandins Leukotrienes and Essential Fatty Acids, 2007, 77, 1-8.	2.2	9
60	Superiority of Interferon Gamma Assay Over Tuberculin Skin Test for Latent Tuberculosis in Inflammatory Bowel Disease Patients in Brazil. Digestive Diseases and Sciences, 2019, 64, 1916-1922.	2.3	9
61	Geosocial Features and Loss of Biodiversity Underlie Variable Rates of Inflammatory Bowel Disease in a Large Developing Country: A Population-Based Study. Inflammatory Bowel Diseases, 2022, 28, 1696-1708.	1.9	8
62	Analysis of mutations in TP53, APC, K-ras, and DCC genes in the non-dysplastic mucosa of patients with inflammatory bowel disease. International Journal of Colorectal Disease, 2009, 24, 1141-1148.	2.2	7
63	Endoluminal ultrasound biomicroscopy as a reliable tool for in vivo assessment of colonic inflammation in rats. International Journal of Colorectal Disease, 2013, 28, 1613-1620.	2.2	7
64	Response:. Gastrointestinal Endoscopy, 2016, 84, 1078.	1.0	7
65	Geographic distribution and time trends of esophageal cancer in Brazil from 2005 to 2015. Molecular and Clinical Oncology, 2019, 10, 631-638.	1.0	7
66	Hospitalization and surgery rates in patients with inflammatory bowel disease in Brazil: a time-trend analysis. BMC Gastroenterology, 2021, 21, 192.	2.0	7
67	Immunohistochemical Analysis of Retinoblastoma and Î²-Catenin as an Assistant Tool in the Differential Diagnosis between Crohn's Disease and Ulcerative Colitis. PLoS ONE, 2013, 8, e70786.	2.5	7
68	Distinct patterns of mucosal apoptosis inH pylori-associated gastric ulcer are associated with altered FasL and perforin cytotoxic pathways. World Journal of Gastroenterology, 2006, 12, 6133.	3.3	7
69	Ischemiaâ€“reperfusion rat model of acute pancreatitis: protein carbonyl as a putative early biomarker of pancreatic injury. Clinical and Experimental Medicine, 2015, 15, 311-320.	3.6	6
70	Protective effect of adipose tissueâ€“derived mesenchymal stromal cells in an experimental model of high-risk colonic anastomosis. Surgery, 2019, 166, 914-925.	1.9	6
71	Phenotypic analysis of intestinal non-inflamed mucosa in CrohnÊ¼s disease. European Journal of Gastroenterology and Hepatology, 1996, 8, 563-568.	1.6	5
72	AvaliaÃ§Ã£o quantitativa das fibras elÃ¡sticas na doenÃ§a pulmonar obstrutiva crÃ´nica. Jornal Brasileiro De Pneumologia, 2007, 33, 502-509.	0.7	5

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73	Increasing pancreatic cancer is not paralleled by pancreaticoduodenectomy volumes in Brazil: A time trend analysis. Hepatobiliary and Pancreatic Diseases International, 2019, 18, 79-86.	1.3	5
74	Crohn's disease activity assessed by doppler sonography: the role of aortic flow parameters. Clinics, 2013, 68, 457-462.	1.5	5
75	Changes in the Management of Patients with Crohnâ€™s Disease Based on Magnetic Resonance Enterography Patterns. Gastroenterology Research and Practice, 2019, 2019, 1-9.	1.5	4
76	Sulforaphane and Albumin Attenuate Experimental Intestinal Ischemia-Reperfusion Injury. Journal of Surgical Research, 2021, 262, 212-223.	1.6	4
77	Abdominal ultrasonography with color Doppler analysis in the assessment of ileal Crohnâ€™s disease: comparison with magnetic resonance enterography. Intestinal Research, 2019, 17, 227-236.	2.6	4
78	Geographic Distribution and Time Trends of Colorectal Cancer in Brazil from 2005 to 2018. Digestive Diseases and Sciences, 2022, , 1.	2.3	4
79	Prevalence, Indirect Costs, and Risk Factors for Work Disability in Patients with Crohnâ€™s Disease at a Tertiary Care Center in Rio de Janeiro. Digestive Diseases and Sciences, 2021, 66, 2925-2934.	2.3	3
80	Gastrospheres of human gastric mucosa cells: an in vitro model of stromal and epithelial stem cell niche reconstruction. Histology and Histopathology, 2016, 31, 879-95.	0.7	3
81	Multidrug resistance 1 gene polymorphisms may determine Crohn's disease behavior in patients from Rio de Janeiro. Clinics, 2014, 69, 327-334.	1.5	3
82	Effects of Oral Nutritional Supplementation on the Intestinal Mucosa of Patients with AIDS. Journal of Clinical Gastroenterology, 2000, 30, 77-80.	2.2	3
83	Serum 1,3-beta-D-glucan as a noninvasive test to predict histologic activity in patients with inflammatory bowel disease. World Journal of Gastroenterology, 2021, 27, 866-885.	3.3	2
84	Bioactive Compounds from Pale Ale Beer Powder Attenuate Experimental Colitis in BALB/c Mice. Molecules, 2022, 27, 1194.	3.8	2
85	Rat models of high risk colorectal anastomoses. Acta Cirurgica Brasileira, 2018, 33, 914-923.	0.7	1
86	362 â€“ IBD Epidemiology: What is Going on in the Developing World? Results from 163,000 Patients. Gastroenterology, 2019, 156, S-73.	1.3	1
87	Small-Bowel Involvement in Systemic Lupus Erythematosus: A Morphometric and Immunohistochemical Study. Scandinavian Journal of Gastroenterology, 1999, 34, 889-893.	1.5	0
88	M1766 Adipose Tissue-Derived Mesenchymal Stromal Cells Ameliorate Experimental Colitis: Evidence for Immunomodulatory Paracrine Effect. Gastroenterology, 2010, 138, S-415.	1.3	0
89	Systemic Blockade of P2X7 Receptor Attenuates TNBS-Induced Colitis. Gastroenterology, 2011, 140, S-474.	1.3	0
90	Overexpression of ATP-Activated P2X7 Receptors on Immune and Non-Immune Cells of the Intestinal Mucosa is Implicated in the Pathogenesis of Crohn's Disease. Gastroenterology, 2011, 140, S-475.	1.3	0

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91	Heparanase 1 Expression In Non-Small Cell Lung Cancer. , 2012, , .		0
92	Environmental Factors and Their Influence on Intestinal Fibrosis. , 2018, , 111-126.		0
93	Humoral Intestinal Immunity in Systemic Lupus Erythematosus. Journal of Clinical Gastroenterology, 2000, 30, 52-55.	2.2	0