

Heitor S P De Souza

List of Publications by Citations

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86

papers

2,870

citations

28

h-index

52

g-index

93

ext. papers

3,536

ext. citations

4.9

avg, IF

5.74

L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 86 | Immunopathogenesis of IBD: current state of the art. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2016 , 13, 13-27 | 24.2 | 708 |
| 85 | The IBD interactome: an integrated view of aetiology, pathogenesis and therapy. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017 , 14, 739-749 | 24.2 | 196 |
| 84 | Expression of lymphocyte-endothelial receptor-ligand pairs, alpha4beta7/MAdCAM-1 and OX40/OX40 ligand in the colon and jejunum of patients with inflammatory bowel disease. <i>Gut</i> , 1999 , 45, 856-63 | 19.2 | 164 |
| 83 | Oxidative stress fuels <i>Trypanosoma cruzi</i> infection in mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 2531-42 | 15.9 | 113 |
| 82 | Intraperitoneal but not intravenous cryopreserved mesenchymal stromal cells home to the inflamed colon and ameliorate experimental colitis. <i>PLoS ONE</i> , 2012 , 7, e33360 | 3.7 | 96 |
| 81 | Diet and microbiota in inflammatory bowel disease: The gut in disharmony. <i>World Journal of Gastroenterology</i> , 2017 , 23, 2124-2140 | 5.6 | 82 |
| 80 | Immunohistochemical study of intestinal eosinophils in inflammatory bowel disease. <i>Journal of Clinical Gastroenterology</i> , 2003 , 36, 120-5 | 3 | 79 |
| 79 | Apoptosis in the intestinal mucosa of patients with inflammatory bowel disease: evidence of altered expression of FasL and perforin cytotoxic pathways. <i>International Journal of Colorectal Disease</i> , 2005 , 20, 277-86 | 3 | 77 |
| 78 | Cell death and inflammatory bowel diseases: apoptosis, necrosis, and autophagy in the intestinal epithelium. <i>BioMed Research International</i> , 2014 , 2014, 218493 | 3 | 70 |
| 77 | Overexpression of ATP-activated P2X7 receptors in the intestinal mucosa is implicated in the pathogenesis of Crohn's disease. <i>Inflammatory Bowel Diseases</i> , 2014 , 20, 444-57 | 4.5 | 62 |
| 76 | IL-13R α -bearing, type II NKT cells reactive to sulfatide self-antigen populate the mucosa of ulcerative colitis. <i>Gut</i> , 2014 , 63, 1728-36 | 19.2 | 59 |
| 75 | Enhanced recruitment of CX3CR1+ T cells by mucosal endothelial cell-derived fractalkine in inflammatory bowel disease. <i>Gastroenterology</i> , 2007 , 132, 139-53 | 13.3 | 55 |
| 74 | Prophylactic systemic P2X7 receptor blockade prevents experimental colitis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 65-78 | 6.9 | 47 |
| 73 | Sulfate-reducing bacteria stimulate gut immune responses and contribute to inflammation in experimental colitis. <i>Life Sciences</i> , 2017 , 189, 29-38 | 6.8 | 47 |
| 72 | Extracellular ATP induces cell death in human intestinal epithelial cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 1867-78 | 4 | 46 |
| 71 | Unfractionated heparin and new heparin analogues from ascidians (chordate-tunicate) ameliorate colitis in rats. <i>Journal of Biological Chemistry</i> , 2009 , 284, 11267-78 | 5.4 | 41 |
| 70 | Mucosal T cell proliferation and apoptosis in inflammatory bowel disease. <i>Current Drug Targets</i> , 2008 , 9, 381-7 | 3 | 40 |

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|----|--|------|----|
| 69 | Effectiveness of current disinfection procedures against biofilm on contaminated GI endoscopes. <i>Gastrointestinal Endoscopy</i> , 2016 , 83, 944-53 | 5.2 | 38 |
| 68 | Use of butyrate or glutamine in enema solution reduces inflammation and fibrosis in experimental diversion colitis. <i>World Journal of Gastroenterology</i> , 2012 , 18, 4278-87 | 5.6 | 37 |
| 67 | The role of innate immunity receptors in the pathogenesis of inflammatory bowel disease. <i>Mediators of Inflammation</i> , 2015 , 2015, 936193 | 4.3 | 36 |
| 66 | Inflammasome in intestinal inflammation and cancer. <i>Mediators of Inflammation</i> , 2013 , 2013, 654963 | 4.3 | 36 |
| 65 | Macrophage migration inhibitory factor is critical to interleukin-5-driven eosinophilopoiesis and tissue eosinophilia triggered by <i>Schistosoma mansoni</i> infection. <i>FASEB Journal</i> , 2009 , 23, 1262-71 | 0.9 | 36 |
| 64 | Expression of purinergic receptors and modulation of P2X7 function by the inflammatory cytokine IFN γ in human epithelial cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009 , 1788, 1176-87 | 3.8 | 36 |
| 63 | Effectiveness of <i>Cissampelos sympodialis</i> and its isolated alkaloid warifteine in airway hyperreactivity and lung remodeling in a mouse model of asthma. <i>International Immunopharmacology</i> , 2012 , 13, 148-55 | 5.8 | 35 |
| 62 | Etiopathogenesis of inflammatory bowel disease: today and tomorrow. <i>Current Opinion in Gastroenterology</i> , 2017 , 33, 222-229 | 3 | 32 |
| 61 | MIF participates in <i>Toxoplasma gondii</i> -induced pathology following oral infection. <i>PLoS ONE</i> , 2011 , 6, e25259 | 3.7 | 32 |
| 60 | Hedgehog pathway signaling regulates human colon carcinoma HT-29 epithelial cell line apoptosis and cytokine secretion. <i>PLoS ONE</i> , 2012 , 7, e45332 | 3.7 | 30 |
| 59 | Interleukin-33 and inflammatory bowel diseases: lessons from human studies. <i>Mediators of Inflammation</i> , 2014 , 2014, 423957 | 4.3 | 28 |
| 58 | Increased levels of survivin, via association with heat shock protein 90, in mucosal T cells from patients with Crohn's disease. <i>Gastroenterology</i> , 2012 , 143, 1017-26.e9 | 13.3 | 28 |
| 57 | Biochemical and immunohistochemical analysis of glycosaminoglycans in inflamed and non-inflamed intestinal mucosa of patients with Crohn's disease. <i>International Journal of Colorectal Disease</i> , 2005 , 20, 295-304 | 3 | 27 |
| 56 | P2X7 receptor promotes intestinal inflammation in chemically induced colitis and triggers death of mucosal regulatory T cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 1183-1194 | 6.9 | 26 |
| 55 | Characterizing the presence and sensitivity of the P2X7 receptor in different compartments of the gut. <i>Journal of Innate Immunity</i> , 2012 , 4, 529-41 | 6.9 | 25 |
| 54 | Therapeutic and prophylactic thalidomide in TNBS-induced colitis: synergistic effects on TNF- α , IL-12 and VEGF production. <i>World Journal of Gastroenterology</i> , 2007 , 13, 2166-73 | 5.6 | 23 |
| 53 | Macrophage migration inhibitory factor promotes eosinophil accumulation and tissue remodeling in eosinophilic esophagitis. <i>Mucosal Immunology</i> , 2015 , 8, 1154-65 | 9.2 | 21 |
| 52 | Prognostic significance of p53 protein expression in early gastric cancer. <i>Pathology and Oncology Research</i> , 2011 , 17, 349-55 | 2.6 | 21 |

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| 51 | Dietary Composition and Effects in Inflammatory Bowel Disease. <i>Nutrients</i> , 2019 , 11, | 6.7 | 19 |
| 50 | Upper gastrointestinal bleeding in a Brazilian hospital: a retrospective study of endoscopic records. <i>Arquivos De Gastroenterologia</i> , 2002 , 39, 74-80 | 1.3 | 18 |
| 49 | Damage-associated molecular patterns in inflammatory bowel disease: From biomarkers to therapeutic targets. <i>World Journal of Gastroenterology</i> , 2018 , 24, 4622-4634 | 5.6 | 18 |
| 48 | The socio-economic impact of work disability due to inflammatory bowel disease in Brazil. <i>European Journal of Health Economics</i> , 2018 , 19, 463-470 | 3.6 | 15 |
| 47 | NFAT1 transcription factor regulates pulmonary allergic inflammation and airway responsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 40, 66-75 | 5.7 | 15 |
| 46 | CXCR4 and MIF are required for neutrophil extracellular trap release triggered by Plasmodium-infected erythrocytes. <i>PLoS Pathogens</i> , 2020 , 16, e1008230 | 7.6 | 14 |
| 45 | Ascidian (chordate-tunicate) and mammalian heparin enemas attenuate experimental diversion colitis. <i>Surgery</i> , 2014 , 155, 217-27 | 3.6 | 13 |
| 44 | Heparanase expression and localization in different types of human lung cancer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 2599-608 | 4 | 13 |
| 43 | Network Medicine: A Mandatory Next Step for Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2018 , 24, 671-679 | 4.5 | 12 |
| 42 | Thiopurine-methyltransferase variants in inflammatory bowel disease: prevalence and toxicity in Brazilian patients. <i>World Journal of Gastroenterology</i> , 2014 , 20, 3327-34 | 5.6 | 12 |
| 41 | Neuroimmunomodulation in the Gut: Focus on Inflammatory Bowel Disease. <i>Mediators of Inflammation</i> , 2016 , 2016, 1363818 | 4.3 | 12 |
| 40 | Pancreatic Cancer Incidence and Lethality Rates in Brazil: An Ecological Study. <i>Pancreas</i> , 2017 , 46, 699-706 | 6.6 | 11 |
| 39 | Focal enhanced gastritis and macrophage microaggregates in the gastric mucosa: potential role in the differential diagnosis between Crohn's disease and ulcerative colitis. <i>Arquivos De Gastroenterologia</i> , 2014 , 51, 276-82 | 1.3 | 11 |
| 38 | Effects of ethanol on gut-associated lymphoid tissues in a model of bacterial translocation: a possible role of apoptosis. <i>Alcohol</i> , 2003 , 30, 183-91 | 2.7 | 11 |
| 37 | Induced sputum and peripheral blood cell profile in chronic obstructive pulmonary disease. <i>Jornal Brasileiro De Pneumologia</i> , 2007 , 33, 510-8 | 1.1 | 10 |
| 36 | Ecological study of gastric cancer in Brazil: geographic and time trend analysis. <i>World Journal of Gastroenterology</i> , 2014 , 20, 5036-44 | 5.6 | 10 |
| 35 | Lung production of platelet-activating factor acetylhydrolase in oleic acid-induced acute lung injury. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2007 , 77, 1-8 | 2.8 | 9 |
| 34 | Common NOD2/CARD15 and TLR4 Polymorphisms Are Associated with Crohn's Disease Phenotypes in Southeastern Brazilians. <i>Digestive Diseases and Sciences</i> , 2016 , 61, 2636-47 | 4 | 9 |

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| 33 | Coinfection Attenuates Murine -Induced Crohn's-Like Ileitis by Preserving the Epithelial Barrier and Downregulating the Inflammatory Response. <i>Frontiers in Immunology</i> , 2019 , 10, 442 | 8.4 | 8 |
| 32 | Disruption of the Hedgehog signaling pathway in inflammatory bowel disease fosters chronic intestinal inflammation. <i>Clinical and Experimental Medicine</i> , 2017 , 17, 351-369 | 4.9 | 7 |
| 31 | Response. <i>Gastrointestinal Endoscopy</i> , 2016 , 84, 1078 | 5.2 | 7 |
| 30 | Dysbiosis in Inflammatory Bowel Disease: Pathogenic Role and Potential Therapeutic Targets.. <i>International Journal of Molecular Sciences</i> , 2022 , 23, | 6.3 | 7 |
| 29 | Superiority of Interferon Gamma Assay Over Tuberculin Skin Test for Latent Tuberculosis in Inflammatory Bowel Disease Patients in Brazil. <i>Digestive Diseases and Sciences</i> , 2019 , 64, 1916-1922 | 4 | 6 |
| 28 | Analysis of mutations in TP53, APC, K-ras, and DCC genes in the non-dysplastic mucosa of patients with inflammatory bowel disease. <i>International Journal of Colorectal Disease</i> , 2009 , 24, 1141-8 | 3 | 6 |
| 27 | Distinct patterns of mucosal apoptosis in H pylori-associated gastric ulcer are associated with altered FasL and perforin cytotoxic pathways. <i>World Journal of Gastroenterology</i> , 2006 , 12, 6133-41 | 5.6 | 6 |
| 26 | Geographic distribution and time trends of esophageal cancer in Brazil from 2005 to 2015. <i>Molecular and Clinical Oncology</i> , 2019 , 10, 631-638 | 1.6 | 5 |
| 25 | Endoluminal ultrasound biomicroscopy as a reliable tool for in vivo assessment of colonic inflammation in rats. <i>International Journal of Colorectal Disease</i> , 2013 , 28, 1613-20 | 3 | 5 |
| 24 | Phenotypic analysis of intestinal non-inflamed mucosa in Crohn's disease: evidence of mononuclear cell depletion in lamina propria. <i>European Journal of Gastroenterology and Hepatology</i> , 1996 , 8, 563-8 | 2.2 | 5 |
| 23 | Immunohistochemical analysis of retinoblastoma and E-catenin as an assistant tool in the differential diagnosis between Crohn's disease and ulcerative colitis. <i>PLoS ONE</i> , 2013 , 8, e70786 | 3.7 | 5 |
| 22 | Ischemia-reperfusion rat model of acute pancreatitis: protein carbonyl as a putative early biomarker of pancreatic injury. <i>Clinical and Experimental Medicine</i> , 2015 , 15, 311-20 | 4.9 | 4 |
| 21 | Clinical and laboratory markers associated with anti-TNF-alpha trough levels and anti-drug antibodies in patients with inflammatory bowel diseases. <i>Medicine (United States)</i> , 2020 , 99, e19359 | 1.8 | 4 |
| 20 | Quantitative assessment of elastic fibers in chronic obstructive pulmonary disease. <i>Jornal Brasileiro De Pneumologia</i> , 2007 , 33, 502-9 | 1.1 | 3 |
| 19 | Gastrospheres of human gastric mucosa cells: an in vitro model of stromal and epithelial stem cell niche reconstruction. <i>Histology and Histopathology</i> , 2016 , 31, 879-95 | 1.4 | 3 |
| 18 | Crohn's disease activity assessed by Doppler sonography: the role of aortic flow parameters. <i>Clinics</i> , 2013 , 68, 457-62 | 2.3 | 3 |
| 17 | Changes in the Management of Patients with Crohn's Disease Based on Magnetic Resonance Enterography Patterns. <i>Gastroenterology Research and Practice</i> , 2019 , 2019, 3467316 | 2 | 3 |
| 16 | Protective effect of adipose tissue-derived mesenchymal stromal cells in an experimental model of high-risk colonic anastomosis. <i>Surgery</i> , 2019 , 166, 914-925 | 3.6 | 2 |

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| 15 | Increasing pancreatic cancer is not paralleled by pancreaticoduodenectomy volumes in Brazil: A time trend analysis. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2019 , 18, 79-86 | 2.1 | 2 |
| 14 | Geosocial Features and Loss of Biodiversity Underlie Variable Rates of Inflammatory Bowel Disease in a Large Developing Country: A Population-Based Study.. <i>Inflammatory Bowel Diseases</i> , 2022 , | 4.5 | 2 |
| 13 | Multidrug resistance 1 gene polymorphisms may determine Crohn's disease behavior in patients from Rio de Janeiro. <i>Clinics</i> , 2014 , 69, 327-34 | 2.3 | 2 |
| 12 | Effects of oral nutritional supplementation on the intestinal mucosa of patients with AIDS. <i>Journal of Clinical Gastroenterology</i> , 2000 , 30, 77-80 | 3 | 2 |
| 11 | Prevalence, Indirect Costs, and Risk Factors for Work Disability in Patients with Crohn's Disease at a Tertiary Care Center in Rio de Janeiro. <i>Digestive Diseases and Sciences</i> , 2021 , 66, 2925-2934 | 4 | 2 |
| 10 | Fecal calprotectin as a noninvasive test to predict deep remission in patients with ulcerative colitis. <i>Medicine (United States)</i> , 2021 , 100, e24058 | 1.8 | 2 |
| 9 | Geographic Distribution and Time Trends of Colorectal Cancer in Brazil from 2005 to 2018.. <i>Digestive Diseases and Sciences</i> , 2022 , 1 | 4 | 1 |
| 8 | Abdominal ultrasonography with color Doppler analysis in the assessment of ileal Crohn's disease: comparison with magnetic resonance enterography. <i>Intestinal Research</i> , 2019 , 17, 227-236 | 4.1 | 1 |
| 7 | Hospitalization and surgery rates in patients with inflammatory bowel disease in Brazil: a time-trend analysis. <i>BMC Gastroenterology</i> , 2021 , 21, 192 | 3 | 1 |
| 6 | Sulforaphane and Albumin Attenuate Experimental Intestinal Ischemia-Reperfusion Injury. <i>Journal of Surgical Research</i> , 2021 , 262, 212-223 | 2.5 | 1 |
| 5 | Rat models of high risk colorectal anastomoses 1. <i>Acta Cirurgica Brasileira</i> , 2018 , 33, 914-923 | 1.6 | 1 |
| 4 | Small-bowel involvement in systemic lupus erythematosus: a morphometric and immunohistochemical study. <i>Scandinavian Journal of Gastroenterology</i> , 1999 , 34, 889-93 | 2.4 | |
| 3 | Humoral intestinal immunity in systemic lupus erythematosus. <i>Journal of Clinical Gastroenterology</i> , 2000 , 30, 52-5 | 3 | |
| 2 | Serum 1,3-beta-D-glucan as a noninvasive test to predict histologic activity in patients with inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2021 , 27, 866-885 | 5.6 | |
| 1 | Environmental Factors and Their Influence on Intestinal Fibrosis 2018 , 111-126 | | |