

Fabio Cominelli

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91
papers

3,720
citations

31
h-index

60
g-index

99
ext. papers

4,495
ext. citations

7.1
avg. IF

5.21
L-index

#	Paper	IF	Citations
91	Probiotics promote gut health through stimulation of epithelial innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 454-9	11.5	247
90	Expression, localization, and functional activity of TL1A, a novel Th1-polarizing cytokine in inflammatory bowel disease. <i>Journal of Immunology</i> , 2003 , 171, 4868-74	5.3	233
89	Th1-type responses mediate spontaneous ileitis in a novel murine model of Crohn's disease. <i>Journal of Clinical Investigation</i> , 2001 , 107, 695-702	15.9	202
88	Localization of intestinal interleukin 1 activity and protein and gene expression to lamina propria cells. <i>Gastroenterology</i> , 1993 , 104, 749-58	13.3	179
87	Antibody blockade of ICAM-1 and VCAM-1 ameliorates inflammation in the SAMP-1/Yit adoptive transfer model of Crohn's disease in mice. <i>Gastroenterology</i> , 2001 , 121, 1428-36	13.3	169
86	TISSUE REGENERATION. Inhibition of the prostaglandin-degrading enzyme 15-PGDH potentiates tissue regeneration. <i>Science</i> , 2015 , 348, aaa2340	33.3	166
85	New concepts in the pathophysiology of inflammatory bowel disease. <i>Annals of Internal Medicine</i> , 2005 , 143, 895-904	8	146
84	The primary defect in experimental ileitis originates from a nonhematopoietic source. <i>Journal of Experimental Medicine</i> , 2006 , 203, 541-52	16.6	142
83	Proinflammatory effects of TH2 cytokines in a murine model of chronic small intestinal inflammation. <i>Gastroenterology</i> , 2005 , 128, 654-66	13.3	138
82	Emergence of perianal fistulizing disease in the SAMP1/YitFc mouse, a spontaneous model of chronic ileitis. <i>Gastroenterology</i> , 2003 , 124, 972-82	13.3	131
81	Role of TL1A and its receptor DR3 in two models of chronic murine ileitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 8441-6	11.5	130
80	SAMP1/YitFc mouse strain: a spontaneous model of Crohn's disease-like ileitis. <i>Inflammatory Bowel Diseases</i> , 2011 , 17, 2566-84	4.5	117
79	L-selectin, alpha 4 beta 1, and alpha 4 beta 7 integrins participate in CD4+ T cell recruitment to chronically inflamed small intestine. <i>Journal of Immunology</i> , 2005 , 174, 2343-52	5.3	109
78	The Artificial Sweetener Splenda Promotes Gut Proteobacteria, Dysbiosis, and Myeloperoxidase Reactivity in Crohn's Disease-Like Ileitis. <i>Inflammatory Bowel Diseases</i> , 2018 , 24, 1005-1020	4.5	97
77	Probiotic bacteria regulate intestinal epithelial permeability in experimental ileitis by a TNF-dependent mechanism. <i>PLoS ONE</i> , 2012 , 7, e42067	3.7	83
76	New insights into the dichotomous role of innate cytokines in gut homeostasis and inflammation. <i>Cytokine</i> , 2012 , 59, 451-9	4	80
75	Inflammatory bowel disease. <i>Immunology Letters</i> , 2014 , 161, 231-5	4.1	79

74	Down-regulation of intestinal lymphocyte activation and Th1 cytokine production by antibiotic therapy in a murine model of Crohn's disease. <i>Journal of Immunology</i> , 2002 , 169, 5308-14	5.3	75
73	Mucosal Interactions between Genetics, Diet, and Microbiome in Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2016 , 7, 290	8.4	74
72	In vivo inhibition of RIPK2 kinase alleviates inflammatory disease. <i>Journal of Biological Chemistry</i> , 2014 , 289, 29651-64	5.4	67
71	Commensal bacteria exacerbate intestinal inflammation but are not essential for the development of murine ileitis. <i>Journal of Immunology</i> , 2007 , 178, 1809-18	5.3	66
70	IL-33 promotes recovery from acute colitis by inducing miR-320 to stimulate epithelial restitution and repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E9362-E9370	11.5	62
69	Expanded B cell population blocks regulatory T cells and exacerbates ileitis in a murine model of Crohn disease. <i>Journal of Clinical Investigation</i> , 2004 , 114, 389-98	15.9	50
68	IL-33 Drives Eosinophil Infiltration and Pathogenic Type 2 Helper T-Cell Immune Responses Leading to Chronic Experimental Ileitis. <i>American Journal of Pathology</i> , 2016 , 186, 885-98	5.8	47
67	The Xenobiotic Transporter Mdr1 Enforces T Cell Homeostasis in the Presence of Intestinal Bile Acids. <i>Immunity</i> , 2017 , 47, 1182-1196.e10	32.3	47
66	The dual role of nod-like receptors in mucosal innate immunity and chronic intestinal inflammation. <i>Frontiers in Immunology</i> , 2014 , 5, 317	8.4	42
65	Stereomicroscopic 3D-pattern profiling of murine and human intestinal inflammation reveals unique structural phenotypes. <i>Nature Communications</i> , 2015 , 6, 7577	17.4	41
64	Novel Pharmacological Therapy in Inflammatory Bowel Diseases: Beyond Anti-Tumor Necrosis Factor. <i>Frontiers in Pharmacology</i> , 2019 , 10, 671	5.6	36
63	Uncovering Pathogenic Mechanisms of Inflammatory Bowel Disease Using Mouse Models of Crohn's Disease-Like Ileitis: What is the Right Model?. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017 , 4, 19-32	7.9	35
62	Textile Masks and Surface Covers-A Spray Simulation Method and a "Universal Droplet Reduction Model" Against Respiratory Pandemics. <i>Frontiers in Medicine</i> , 2020 , 7, 260	4.9	34
61	Cytokines and mucosal immunity. <i>Current Opinion in Gastroenterology</i> , 2014 , 30, 547-52	3	34
60	Fucosylation Deficiency in Mice Leads to Colitis and Adenocarcinoma. <i>Gastroenterology</i> , 2017 , 152, 193-205.e10	20.3	31
59	Flexible colonoscopy in mice to evaluate the severity of colitis and colorectal tumors using a validated endoscopic scoring system. <i>Journal of Visualized Experiments</i> , 2013 , e50843	1.6	27
58	A Novel Role for TL1A/DR3 in Protection against Intestinal Injury and Infection. <i>Journal of Immunology</i> , 2016 , 197, 377-86	5.3	27
57	Dysregulated NOD2 predisposes SAMP1/YitFc mice to chronic intestinal inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16999-7004	11.5	24

56	Neutralization of IL-1 β ameliorates Crohn's disease-like ileitis by functional alterations of the gut microbiome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 ,	11.5	24
55	Pathway-based approaches to the treatment of inflammatory bowel disease. <i>Translational Research</i> , 2016 , 167, 104-15	11	23
54	'Cyclical Bias' in Microbiome Research Revealed by A Portable Germ-Free Housing System Using Nested Isolation. <i>Scientific Reports</i> , 2018 , 8, 3801	4.9	22
53	Artificial microbiome heterogeneity spurs six practical action themes and examples to increase study power-driven reproducibility. <i>Scientific Reports</i> , 2020 , 10, 5039	4.9	20
52	Cytokines and intestinal inflammation. <i>Current Opinion in Gastroenterology</i> , 2016 , 32, 437-442	3	20
51	Protective Role for TWEAK/Fn14 in Regulating Acute Intestinal Inflammation and Colitis-Associated Tumorigenesis. <i>Cancer Research</i> , 2016 , 76, 6533-6542	10.1	19
50	Mouse models of inflammatory bowel disease for investigating mucosal immunity in the intestine. <i>Current Opinion in Gastroenterology</i> , 2017 , 33, 411-416	3	19
49	Complementary and Alternative Medicine Strategies for Therapeutic Gut Microbiota Modulation in Inflammatory Bowel Disease and their Next-Generation Approaches. <i>Gastroenterology Clinics of North America</i> , 2017 , 46, 689-729	4.4	18
48	Autologous fecal microbiota transplantation for the treatment of inflammatory bowel disease. <i>Translational Research</i> , 2020 , 226, 1-11	11	17
47	: intriguing aerotolerant gut anaerobe with emerging antimicrobial resistance and pathogenic and probiotic roles in human health. <i>Gut Microbes</i> , 2021 , 13, 1922241	8.8	17
46	Natalizumab in the treatment of Crohn's disease patients. <i>Expert Opinion on Biological Therapy</i> , 2017 , 17, 1433-1438	5.4	16
45	The tumor necrosis factor-like cytokine 1A/death receptor 3 cytokine system in intestinal inflammation. <i>Current Opinion in Gastroenterology</i> , 2013 , 29, 597-602	3	16
44	Stereomicroscopy and 3D-target myeloperoxidase intestinal phenotyping following a fecal flora homogenization protocol. <i>Protocol Exchange</i> ,		16
43	Functional defects in NOD2 signaling in experimental and human Crohn disease. <i>Gut Microbes</i> , 2014 , 5, 340-4	8.8	14
42	Spontaneous, immune-mediated gastric inflammation in SAMP1/YitFc mice, a model of Crohn's-like gastritis. <i>Gastroenterology</i> , 2011 , 141, 1709-19	13.3	13
41	SAMP1/YitFc mice develop ileitis via loss of CCL21 and defects in dendritic cell migration. <i>Gastroenterology</i> , 2015 , 148, 783-793.e5	13.3	12
40	Interleukin 33 Triggers Early Eosinophil-Dependent Events Leading to Metaplasia in a Chronic Model of Gastritis-Prone Mice. <i>Gastroenterology</i> , 2021 , 160, 302-316.e7	13.3	12
39	Death Receptor 3 Signaling Controls the Balance between Regulatory and Effector Lymphocytes in SAMP1/YitFc Mice with Crohn's Disease-Like Ileitis. <i>Frontiers in Immunology</i> , 2018 , 9, 362	8.4	9

38	Regulation of Intestinal Inflammation by Soybean and Soy-Derived Compounds. <i>Foods</i> , 2021 , 10,	4.9	9
37	Complete Genome Sequence of a Parabacteroides distasonis Strain (CavFT hAR46) Isolated from a Gut Wall-Cavitating Microlesion in a Patient with Severe Crohn's Disease. <i>Microbiology Resource Announcements</i> , 2019 , 8,	1.3	9
36	Regulation of Intestinal Inflammation by Dietary Fats. <i>Frontiers in Immunology</i> , 2020 , 11, 604989	8.4	9
35	NOD2 drives early IL-33-dependent expansion of group 2 innate lymphoid cells during Crohn's disease-like ileitis. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	9
34	Textile Masks and Surface Covers [A Universal Droplet Reduction Model] Against Respiratory Pandemics		8
33	Replacing Animal Protein with Soy-Pea Protein in an "American Diet" Controls Murine Crohn Disease-Like Ileitis Regardless of Firmicutes: Bacteroidetes Ratio. <i>Journal of Nutrition</i> , 2021 , 151, 579-590	4.1	7
32	A novel model of colitis-associated cancer in SAMP1/YitFc mice with Crohn's disease-like ileitis. <i>PLoS ONE</i> , 2017 , 12, e0174121	3.7	6
31	Human Gut Microbiome Transplantation in Ileitis Prone Mice: A Tool for the Functional Characterization of the Microbiota in Inflammatory Bowel Disease Patients. <i>Inflammatory Bowel Diseases</i> , 2020 , 26, 347-359	4.5	6
30	Dysregulated intrahepatic CD4 T-cell activation drives liver inflammation in ileitis-prone SAMP1/YitFc mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2015 , 1, 406-419	7.9	5
29	Inhibition of autotaxin alleviates inflammation and increases the expression of sodium-dependent glucose cotransporter 1 and Na/H exchanger 3 in SAMP1/Fc mice. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, G762-G771	5.1	5
28	TWEAK/Fn14 Is Overexpressed in Crohn's Disease and Mediates Experimental Ileitis by Regulating Critical Innate and Adaptive Immune Pathways. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019 , 8, 427-446	7.9	5
27	Artificial Sweeteners: History and New Concepts on Inflammation. <i>Frontiers in Nutrition</i> , 2021 , 8, 7462476.2		5
26	Exploring the Early Phase of Crohn's Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2021 , 19, 2469-2480		5
25	Clinical Effects of Gamma-Radiation-Resistant Aspergillus sydowii on Germ-Free Mice Immunologically Prone to Inflammatory Bowel Disease. <i>Journal of Pathogens</i> , 2016 , 2016, 5748745	1.9	5
24	In-patient outcomes of Hematopoietic Stem Cell Transplantation in Patients with Immune Mediated Inflammatory Diseases: A Nationwide Study. <i>Scientific Reports</i> , 2018 , 8, 6825	4.9	4
23	Myeloperoxidases and Proteobacteria: Reliable Interspecies Biomarkers to Identify and Monitor Pro-inflammatory Diets in Humans. <i>Inflammatory Bowel Diseases</i> , 2019 , 25, e1-e2	4.5	4
22	Nonmedical Masks in Public for Respiratory Pandemics: Droplet Retention by Two-Layer Textile Barrier Fully Protects Germ-free Mice from Bacteria in Droplets		4
21	Death-Domain-Receptor 3 Deletion Normalizes Inflammatory Gene Expression and Prevents Ileitis in Experimental Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2019 , 25, 14-26	4.5	4

20	Parabacteroides distasonis induces depressive-like behavior in a mouse model of Crohn's disease. <i>Brain, Behavior, and Immunity</i> , 2021 , 98, 245-250	16.6	4
19	Winnie- Mice: A Spontaneous Model of Colitis-Associated Colorectal Cancer Combining Genetics and Inflammation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
18	Ultrasound-guided Intracardiac Injection of Human Mesenchymal Stem Cells to Increase Homing to the Intestine for Use in Murine Models of Experimental Inflammatory Bowel Diseases. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	3
17	Patterns of Analytical Irreproducibility in Multimodal Diseases		3
16	Intestinal Stem Cell Niche Defects Result in Impaired 3D Organoid Formation in Mouse Models of Crohn's Disease-like Ileitis. <i>Stem Cell Reports</i> , 2020 , 15, 389-407	8	3
15	Germ-Free Mice Under Two-Layer Textiles Are Fully Protected From Bacteria in Sprayed Microdroplets: A Functional Test Method of Facemask/Filtration Materials. <i>Frontiers in Medicine</i> , 2020 , 7, 504	4.9	3
14	Artificial Diets and the Assessment of Negative Effects on the Digestive Health of Humans. <i>Inflammatory Bowel Diseases</i> , 2019 , 25, e8	4.5	2
13	Crohn's Disease-Like Ileitis and the Inhibitory Effect of Sucralose on Streptococci. <i>Inflammatory Bowel Diseases</i> , 2019 , 25, e34-e37	4.5	2
12	Tumor Necrosis Factor's Pathway in Crohn's Disease: Potential for Intervention. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
11	Lipocalin 24p3 Induction in Colitis Adversely Affects Inflammation and Contributes to Mortality. <i>Frontiers in Immunology</i> , 2019 , 10, 812	8.4	1
10	Understanding artificial mouse-microbiome heterogeneity and six actionable themes to increase study power		1
9	Artificial Sweeteners and Whole-Food Science: Could Mice Help Clinicians Make Diet Recommendations for IBD Patients?. <i>Gastroenterology</i> , 2021 , 161, 8-14	13.3	1
8	P-153 Induction of IL-33 by the Gut Microbiota in the Pathogenesis of Intestinal Fibrosis in a Spontaneous Mouse Model of IBD. <i>Inflammatory Bowel Diseases</i> , 2016 , 22, S56-S57	4.5	1
7	Validity of food additive maltodextrin as placebo and effects on human gut physiology: systematic review of placebo-controlled clinical trials.. <i>European Journal of Nutrition</i> , 2022 , 1	5.2	1
6	P-125 YI Dysregulated Estrogen Receptor Expression in Mucosal T Cells Leads to Female Sex Bias in an Experimental Model of Chronic Ileitis. <i>Inflammatory Bowel Diseases</i> , 2016 , 22, S48	4.5	
5	The Mucosal Immune System and Gastrointestinal Inflammation 2015 , 284-316		
4	P-023 Increased Risk of Opportunistic Infections in Ulcerative Colitis Patients Undergoing Hematopoietic Stem Cell Transplant. <i>Inflammatory Bowel Diseases</i> , 2016 , 22, S16	4.5	
3	P-141 YI Novel Therapeutic Insights from Mathematical Modeling of Cobblestone Lesion Development in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2016 , 22, S53	4.5	

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| 2 | The "I" in Depression: How Feeding the Immune System Can Lead to Behavioral Changes in Inflammatory Conditions. <i>Gastroenterology</i> , 2018 , 155, 1265-1267 | 13.3 |
| 1 | Response to "Parabacteroides distasonis in depression: triggers or outcomes.". <i>Brain, Behavior, and Immunity</i> , 2022 , 102, 324-324 | 16.6 |