Fabio Cominelli

List of Publications by Year
in descending order

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93	5,104	117625	95266
papers	citations	34 h-index	68 g-index

99	99	99	6428
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Probiotics promote gut health through stimulation of epithelial innate immunity. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 454-459.	7.1	298
2	Expression, Localization, and Functional Activity of TL1A, a Novel Th1-Polarizing Cytokine in Inflammatory Bowel Disease. Journal of Immunology, 2003, 171, 4868-4874.	0.8	272
3	Th1-type responses mediate spontaneous ileitis in a novel murine model of Crohnâ€™s disease. Journal of Clinical Investigation, 2001, 107, 695-702.	8.2	228
4	Inhibition of the prostaglandin-degrading enzyme 15-PGDH potentiates tissue regeneration. Science, 2015, 348, aaa2340.	12.6	220
5	Antibody blockade of ICAM-1 and VCAM-1 ameliorates inflammation in the SAMP-1/Yit adoptive transfer model of Crohn's disease in mice. Gastroenterology, 2001, 121, 1428-1436.	1.3	198
6	Localization of intestinal interleukin 1 activity and protein and gene expression to lamina propria cells. Gastroenterology, 1993, 104, 749-758.	1.3	196
7	New Concepts in the Pathophysiology of Inflammatory Bowel Disease. Annals of Internal Medicine, 2005, 143, 895.	3.9	175
8	The primary defect in experimental ileitis originates from a nonhematopoietic source. Journal of Experimental Medicine, 2006, 203, 541-552.	8.5	162
9	SAMP1/YitFc mouse strain: A spontaneous model of CrohnÊ¼s disease-like ileitis. Inflammatory Bowel Diseases, 2011, 17, 2566-2584.	1.9	159
10	The Artificial Sweetener Splenda Promotes Gut Proteobacteria, Dysbiosis, and Myeloperoxidase Reactivity in Crohnâ€™s Diseaseâ€“Like Ileitis. Inflammatory Bowel Diseases, 2018, 24, 1005-1020.	1.9	159
11	Role of TL1A and its receptor DR3 in two models of chronic murine ileitis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8441-8446.	7.1	157
12	Emergence of perianal fistulizing disease in the SAMP1/YitFc mouse, a spontaneous model of chronic ileitis. Gastroenterology, 2003, 124, 972-982.	1.3	156
13	Proinflammatory effects of TH2 cytokines in a murine model of chronic small intestinal inflammation. Gastroenterology, 2005, 128, 654-666.	1.3	150
14	Parabacteroides distasonis: intriguing aerotolerant gut anaerobe with emerging antimicrobial resistance and pathogenic and probiotic roles in human health. Gut Microbes, 2021, 13, 1922241.	9.8	139
15	L-Selectin, Î±4Î²1, and Î±4Î²7 Integrins Participate in CD4+ T Cell Recruitment to Chronically Inflamed Small Intestine. Journal of Immunology, 2005, 174, 2343-2352.	0.8	130
16	IL-33 promotes recovery from acute colitis by inducing miR-320 to stimulate epithelial restitution and repair. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9362-E9370.	7.1	110
17	In Vivo Inhibition of RIPK2 Kinase Alleviates Inflammatory Disease. Journal of Biological Chemistry, 2014, 289, 29651-29664.	3.4	98
18	Probiotic Bacteria Regulate Intestinal Epithelial Permeability in Experimental Ileitis by a TNF-Dependent Mechanism. PLoS ONE, 2012, 7, e42067.	2.5	97

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19	Inflammatory bowel disease. Immunology Letters, 2014, 161, 231-235.	2.5	95
20	Mucosal Interactions between Genetics, Diet, and Microbiome in Inflammatory Bowel Disease. Frontiers in Immunology, 2016, 7, 290.	4.8	93
21	New insights into the dichotomous role of innate cytokines in gut homeostasis and inflammation. Cytokine, 2012, 59, 451-459.	3.2	90
22	Down-Regulation of Intestinal Lymphocyte Activation and Th1 Cytokine Production by Antibiotic Therapy in a Murine Model of Crohnâ€™s Disease. Journal of Immunology, 2002, 169, 5308-5314.	0.8	84
23	Commensal Bacteria Exacerbate Intestinal Inflammation but Are Not Essential for the Development of Murine Ileitis. Journal of Immunology, 2007, 178, 1809-1818.	0.8	74
24	The Xenobiotic Transporter Mdr1 Enforces T Cell Homeostasis in the Presence of Intestinal Bile Acids. Immunity, 2017, 47, 1182-1196.e10.	14.3	73
25	Stereomicroscopic 3D-pattern profiling of murine and human intestinal inflammation reveals unique structural phenotypes. Nature Communications, 2015, 6, 7577.	12.8	65
26	IL-33 Drives Eosinophil Infiltration and Pathogenic Type 2 Helper T-Cell Immune Responses Leading to Chronic Experimental Ileitis. American Journal of Pathology, 2016, 186, 885-898.	3.8	62
27	Expanded B cell population blocks regulatory T cells and exacerbates ileitis in a murine model of Crohn disease. Journal of Clinical Investigation, 2004, 114, 389-398.	8.2	59
28	The Dual Role of Nod-Like Receptors in Mucosal Innate Immunity and Chronic Intestinal Inflammation. Frontiers in Immunology, 2014, 5, 317.	4.8	57
29	Uncovering Pathogenic Mechanisms of Inflammatory Bowel Disease Using Mouse Models of Crohnâ€™s Diseaseâ€“Like Ileitis: What is the Right Model?. Cellular and Molecular Gastroenterology and Hepatology, 2017, 4, 19-32.	4.5	55
30	Novel Pharmacological Therapy in Inflammatory Bowel Diseases: Beyond Anti-Tumor Necrosis Factor. Frontiers in Pharmacology, 2019, 10, 671.	3.5	55
31	Textile Masks and Surface Coversâ€”A Spray Simulation Method and a â€œUniversal Droplet Reduction Modelâ€•Against Respiratory Pandemics. Frontiers in Medicine, 2020, 7, 260.	2.6	52
32	Fucosylation Deficiency in Mice Leads to Colitis andÂAdenocarcinoma. Gastroenterology, 2017, 152, 193-205.e10.	1.3	48
33	A Novel Role for TL1A/DR3 in Protection against Intestinal Injury and Infection. Journal of Immunology, 2016, 197, 377-386.	0.8	41
34	Neutralization of IL-1Î± ameliorates Crohnâ€™s disease-like ileitis by functional alterations of the gut microbiome. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26717-26726.	7.1	41
35	Cytokines and mucosal immunity. Current Opinion in Gastroenterology, 2014, 30, 547-552.	2.3	40
36	â€˜Cyclical Biasâ€™ in Microbiome ResearchÂRevealed byÂA Portable Germ-Free Housing System UsingÂNested Isolation. Scientific Reports, 2018, 8, 3801.	3.3	40

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37	Interleukin 33 Triggers Early Eosinophil-Dependent Events Leading to Metaplasia in a Chronic Model of Gastritis-Prone Mice. Gastroenterology, 2021, 160, 302-316.e7.	1.3	38
38	Artificial microbiome heterogeneity spurs six practical action themes and examples to increase study power-driven reproducibility. Scientific Reports, 2020, 10, 5039.	3.3	37
39	Parabacteroides distasonis induces depressive-like behavior in a mouse model of Crohnâ€™s disease. Brain, Behavior, and Immunity, 2021, 98, 245-250.	4.1	37
40	Regulation of Intestinal Inflammation by Dietary Fats. Frontiers in Immunology, 2020, 11, 604989.	4.8	36
41	Regulation of Intestinal Inflammation by Soybean and Soy-Derived Compounds. Foods, 2021, 10, 774.	4.3	36
42	Cytokines and intestinal inflammation. Current Opinion in Gastroenterology, 2016, 32, 437-442.	2.3	34
43	Autologous fecal microbiota transplantation for the treatment of inflammatory bowel disease. Translational Research, 2020, 226, 1-11.	5.0	34
44	Flexible Colonoscopy in Mice to Evaluate the Severity of Colitis and Colorectal Tumors Using a Validated Endoscopic Scoring System. Journal of Visualized Experiments, 2013, , e50843.	0.3	33
45	Mouse models of inflammatory bowel disease for investigating mucosal immunity in the intestine. Current Opinion in Gastroenterology, 2017, 33, 411-416.	2.3	31
46	Artificial Sweeteners: History and New Concepts on Inflammation. Frontiers in Nutrition, 2021, 8, 746247.	3.7	31
47	Protective Role for TWEAK/Fn14 in Regulating Acute Intestinal Inflammation and Colitis-Associated Tumorigenesis. Cancer Research, 2016, 76, 6533-6542.	0.9	30
48	Dysregulated NOD2 predisposes SAMP1/YitFc mice to chronic intestinal inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16999-17004.	7.1	28
49	NOD2 drives early IL-33â€“dependent expansion of group 2 innate lymphoid cells during Crohnâ€™s diseaseâ€“like ileitis. Journal of Clinical Investigation, 2021, 131, .	8.2	28
50	Complementary and Alternative Medicine Strategies for Therapeutic Gut Microbiota Modulation in Inflammatory Bowel Disease and their Next-Generation Approaches. Gastroenterology Clinics of North America, 2017, 46, 689-729.	2.2	27
51	Pathway-based approaches to the treatment of inflammatory bowel disease. Translational Research, 2016, 167, 104-115.	5.0	26
52	Complete Genome Sequence of a Parabacteroides distasonis Strain (CavFT hAR46) Isolated from a Gut Wall-Cavitating Microlesion in a Patient with Severe Crohnâ€™s Disease. Microbiology Resource Announcements, 2019, 8, .	0.6	22
53	Natalizumab in the treatment of Crohnâ€™s disease patients. Expert Opinion on Biological Therapy, 2017, 17, 1-6.	3.1	20
54	Immunological Regulation of Intestinal Fibrosis in Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2022, 28, 337-349.	1.9	20

#	Article	IF	Citations
55	Functional defects in NOD2 signaling in experimental and human Crohn disease. Gut Microbes, 2014, 5, 340-344.	9.8	19
56	Interleukin 1Î² Blockade Reduces Intestinal Inflammation in a Murine Model of Tumor Necrosis Factorâ€“Independent Ulcerative Colitis. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 151-171.	4.5	19
57	The tumor necrosis factor-like cytokine 1A/death receptor 3 cytokine system in intestinal inflammation. Current Opinion in Gastroenterology, 2013, 29, 597-602.	2.3	18
58	Stereomicroscopy and 3D-target myeloperoxidase intestinal phenotyping following a fecal flora homogenization protocol. Protocol Exchange, 0, , .	0.3	18
59	SAMP1/YitFc Mice Develop Ileitis via Loss of CCL21 and Defects in Dendritic Cell Migration. Gastroenterology, 2015, 148, 783-793.e5.	1.3	17
60	Spontaneous, Immune-Mediated Gastric Inflammation in SAMP1/YitFc Mice, a Model of Crohn's-Like Gastritis. Gastroenterology, 2011, 141, 1709-1719.	1.3	15
61	Replacing Animal Protein with Soy-Pea Protein in an â€œAmerican Dietâ€•Controls Murine Crohn Diseaseâ€“Like Ileitis Regardless of Firmicutes: Bacteroidetes Ratio. Journal of Nutrition, 2021, 151, 579-590.	2.9	14
62	Death Receptor 3 Signaling Controls the Balance between Regulatory and Effector Lymphocytes in SAMP1/YitFc Mice with Crohnâ€™s Disease-Like Ileitis. Frontiers in Immunology, 2018, 9, 362.	4.8	12
63	Human Gut Microbiome Transplantation in Ileitis Prone Mice: A Tool for the Functional Characterization of the Microbiota in Inflammatory Bowel Disease Patients. Inflammatory Bowel Diseases, 2020, 26, 347-359.	1.9	12
64	Inhibition of autotaxin alleviates inflammation and increases the expression of sodium-dependent glucose cotransporter 1 and Na⁺/H⁺ exchanger 3 in SAMP1/Fc mice. American Journal of Physiology - Renal Physiology, 2018, 315, G762-G771.	3.4	11
65	Candida tropicalis Infection Modulates the Gut Microbiome and Confers Enhanced Susceptibility to Colitis in Mice. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 901-923.	4.5	11
66	Validity of food additive maltodextrin as placebo and effects on human gut physiology: systematic review of placebo-controlled clinical trials. European Journal of Nutrition, 2022, 61, 2853-2871.	3.9	11
67	A novel model of colitis-associated cancer in SAMP1/YitFc mice with Crohnâ€™s disease-like ileitis. PLoS ONE, 2017, 12, e0174121.	2.5	10
68	TWEAK/Fn14 Is Overexpressed in Crohnâ€™s Disease and Mediates Experimental Ileitis by Regulating Critical Innate and Adaptive Immune Pathways. Cellular and Molecular Gastroenterology and Hepatology, 2019, 8, 427-446.	4.5	9
69	Winnie-APCMin/+ Mice: A Spontaneous Model of Colitis-Associated Colorectal Cancer Combining Genetics and Inflammation. International Journal of Molecular Sciences, 2020, 21, 2972.	4.1	9
70	Clinical Effects of Gamma-Radiation-ResistantAspergillus sydowiion Germ-Free Mice Immunologically Prone to Inflammatory Bowel Disease. Journal of Pathogens, 2016, 2016, 1-7.	1.4	8
71	In-patient outcomes of Hematopoietic Stem Cell Transplantation in Patients with Immune Mediated Inflammatory Diseases: A Nationwide Study. Scientific Reports, 2018, 8, 6825.	3.3	8
72	Intestinal Stem Cell Niche Defects Result in Impaired 3D Organoid Formation in Mouse Models of Crohn's Disease-like Ileitis. Stem Cell Reports, 2020, 15, 389-407.	4.8	8

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73	Exploring the Early Phase of Crohnâ€™s Disease. Clinical Gastroenterology and Hepatology, 2020, 19, 2469-2480.	4.4	7
74	Tumor Necrosis Factorâ€™s Pathway in Crohnâ€™s Disease: Potential for Intervention. International Journal of Molecular Sciences, 2021, 22, 10273.	4.1	7
75	Dysregulated Intrahepatic CD4+ T-Cell Activation Drives Liver Inflammation in Ileitis-Prone SAMP1/YitFc Mice. Cellular and Molecular Gastroenterology and Hepatology, 2015, 1, 406-419.	4.5	6
76	Death-Domain-Receptor 3 Deletion Normalizes Inflammatory Gene Expression and Prevents Ileitis in Experimental Crohnâ€™s Disease. Inflammatory Bowel Diseases, 2019, 25, 14-26.	1.9	5
77	Germ-Free Mice Under Two-Layer Textiles Are Fully Protected From Bacteria in Sprayed Microdroplets: A Functional in vivo Test Method of Facemask/Filtration Materials. Frontiers in Medicine, 2020, 7, 504.	2.6	5
78	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. Journal of Visualized Experiments, 2017, , .	0.3	4
79	Myeloperoxidases and Proteobacteria: Reliable Interspecies Biomarkers to Identify and Monitor Pro-inflammatory Diets in Humans. Inflammatory Bowel Diseases, 2019, 25, e1-e2.	1.9	4
80	Artificial Sweeteners and Whole-Food Science: Could Mice Help Clinicians Make Diet Recommendations for IBD Patients?. Gastroenterology, 2021, 161, 8-14.	1.3	4
81	Lipocalin 24p3 Induction in Colitis Adversely Affects Inflammation and Contributes to Mortality. Frontiers in Immunology, 2019, 10, 812.	4.8	3
82	â€˜Statistical Irreproducibilityâ€™ Does Not Improve with Larger Sample Size: How to Quantify and Address Disease Data Multimodality in Human and Animal Research. Journal of Personalized Medicine, 2021, 11, 234.	2.5	3
83	Editorial: Cytokines and Intestinal Mucosal Immunity. Frontiers in Immunology, 2021, 12, 698693.	4.8	3
84	Artificial Diets and the Assessment of Negative Effects on the Digestive Health of Humans. Inflammatory Bowel Diseases, 2019, 25, e8-e8.	1.9	2
85	Crohnâ€™s Diseaseâ€“Like Ileitis and the Inhibitory Effect of Sucralose on Streptococci. Inflammatory Bowel Diseases, 2019, 25, e34-e37.	1.9	2
86	P-153â€ƒInduction of IL-33 by the Gut Microbiota in the Pathogenesis of Intestinal Fibrosis in a Spontaneous Mouse Model of IBD. Inflammatory Bowel Diseases, 2016, 22, S56-S57.	1.9	1
87	Conflicts of Interest in Clinical Practice Guidelines. Inflammatory Bowel Diseases, 2019, 25, 646-646.	1.9	1
88	Welcoming New Associate Editors and New Initiatives. Inflammatory Bowel Diseases, 2021, 27, 593-593.	1.9	1
89	P-023â€ƒIncreased Risk of Opportunistic Infections in Ulcerative Colitis Patients Undergoing Hematopoietic Stem Cell Transplant. Inflammatory Bowel Diseases, 2016, 22, S16.	1.9	0
90	P-141â€ƒIâ€ƒNovel Therapeutic Insights from Mathematical Modeling of Cobblestone Lesion Development in CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2016, 22, S53.	1.9	0

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91	P-125â€ƒYIâ€ƒDysregulated Estrogen Receptor Expression in Mucosal T Cells Leads to Female Sex Bias in an Experimental Model of Chronic Ileitis. Inflammatory Bowel Diseases, 2016, 22, S48.	1.9	0
92	The â€œIâ€•in Depression: How Feeding the Immune System Can Lead to Behavioral Changes in Inflammatory Conditions. Gastroenterology, 2018, 155, 1265-1267.	1.3	0
93	Response to â€œParabacteroides distasonis in depression: Triggers or outcomes.â€• Brain, Behavior, and Immunity, 2022, 102, 324.	4.1	0