Sebastian Zeissig

List of Publications by Year
in descending order

92 papers	16,532 citations	76294 40 h-index	53190 85 g-index
101 all docs	101 docs citations	101 times ranked	25727 citing authors

#	Article	IF	Citations
1	Hostâ€“microbe interactions have shaped the genetic architecture of inflammatory bowel disease. Nature, 2012, 491, 119-124.	13.7	4,038
2	Inflammatory Bowel Disease. Annual Review of Immunology, 2010, 28, 573-621.	9.5	1,642
3	Microbial Exposure During Early Life Has Persistent Effects on Natural Killer T Cell Function. Science, 2012, 336, 489-493.	6.0	1,411
4	XBP1 Links ER Stress to Intestinal Inflammation and Confers Genetic Risk for Human Inflammatory Bowel Disease. Cell, 2008, 134, 743-756.	13.5	1,225
5	Changes in expression and distribution of claudin 2, 5 and 8 lead to discontinuous tight junctions and barrier dysfunction in active Crohn's disease. Gut, 2007, 56, 61-72.	6.1	1,005
6	Inherited determinants of Crohn's disease and ulcerative colitis phenotypes: a genetic association study. Lancet, The, 2016, 387, 156-167.	6.3	607
7	Wheat amylase trypsin inhibitors drive intestinal inflammation via activation of toll-like receptor 4. Journal of Experimental Medicine, 2012, 209, 2395-2408.	4.2	548
8	Sphingolipids from a Symbiotic Microbe Regulate Homeostasis of Host Intestinal Natural Killer T Cells. Cell, 2014, 156, 123-133.	13.5	491
9	A genome-wide association study confirms PNPLA3 and identifies TM6SF2 and MBOAT7 as risk loci for alcohol-related cirrhosis. Nature Genetics, 2015, 47, 1443-1448.	9.4	435
10	Phenotype, penetrance, and treatment of 133 cytotoxic T-lymphocyte antigen 4â€“insufficient subjects. Journal of Allergy and Clinical Immunology, 2018, 142, 1932-1946.	1.5	344
11	Epithelial Tight Junctions in Intestinal Inflammation. Annals of the New York Academy of Sciences, 2009, 1165, 294-300.	1.8	318
12	High-density mapping of the MHC identifies a shared role for HLA-DRB1*01:03 in inflammatory bowel diseases and heterozygous advantage in ulcerative colitis. Nature Genetics, 2015, 47, 172-179.	9.4	280
13	Downregulation of epithelial apoptosis and barrier repair in active Crohn's disease by tumour necrosis factor Â antibody treatment. Gut, 2004, 53, 1295-1302.	6.1	261
14	Validation of treatment strategies for enterohaemorrhagic Escherichia coli O104:H4 induced haemolytic uraemic syndrome: case-control study. BMJ, The, 2012, 345, e4565-e4565.	3.0	255
15	Life at the beginning: perturbation of the microbiota by antibiotics in early life and its role in health and disease. Nature Immunology, 2014, 15, 307-310.	7.0	199
16	Hepatitis B virusâ€“induced lipid alterations contribute to natural killer T cellâ€“dependent protective immunity. Nature Medicine, 2012, 18, 1060-1068.	15.2	198
17	Analysis of factors contributing to variation in the C57BL/6J fecal microbiota across German animal facilities. International Journal of Medical Microbiology, 2016, 306, 343-355.	1.5	196
18	Protective mucosal immunity mediated by epithelial CD1d and IL-10. Nature, 2014, 509, 497-502.	13.7	172

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19	HLA-DQA1â€“HLA-DRB1 variants confer susceptibility to pancreatitis induced by thiopurine immunosuppressants. Nature Genetics, 2014, 46, 1131-1134.	9.4	165
20	Vedolizumab is associated with changes in innate rather than adaptive immunity in patients with inflammatory bowel disease. Gut, 2019, 68, 25-39.	6.1	160
21	Disrupted Barrier Function through Epithelial Cell Apoptosis. Annals of the New York Academy of Sciences, 2006, 1072, 288-299.	1.8	154
22	Association Between Variants of PRDM1 and NDP52 and Crohn's Disease, Based on Exome Sequencing and Functional Studies. Gastroenterology, 2013, 145, 339-347.	0.6	149
23	XIAP variants in male Crohn's disease. Gut, 2015, 64, 66-76.	6.1	133
24	TRPV4â€mediated regulation of epithelial permeability. FASEB Journal, 2006, 20, 1802-1812.	0.2	106
25	Early-onset Crohnâ€™s disease and autoimmunity associated with a variant in CTLA-4. Gut, 2015, 64, 1889-1897.	6.1	106
26	Epithelial calcineurin controls microbiota-dependent intestinal tumor development. Nature Medicine, 2016, 22, 506-515.	15.2	93
27	A global assessment of recent trends in gastrointestinal cancer and lifestyleâ€associated risk factors. Cancer Communications, 2021, 41, 1137-1151.	3.7	85
28	Genome-wide association analysis of diverticular disease points towards neuromuscular, connective tissue and epithelial pathomechanisms. Gut, 2019, 68, 854-865.	6.1	84
29	The biliary epithelium presents antigens to and activates natural killer T cells. Hepatology, 2015, 62, 1249-1259.	3.6	83
30	Loss of hepatic Mboat7 leads to liver fibrosis. Gut, 2021, 70, 940-950.	6.1	73
31	Primary deficiency of microsomal triglyceride transfer protein in human abetalipoproteinemia is associated with loss of CD1 function. Journal of Clinical Investigation, 2010, 120, 2889-2899.	3.9	71
32	Altered ENaC Expression Leads to Impaired Sodium Absorption in the Noninflamed Intestine in Crohn's Disease. Gastroenterology, 2008, 134, 1436-1447.	0.6	66
33	Genes and Environment: How Will Our Concepts on the Pathophysiology of IBD Develop in the Future?. Digestive Diseases, 2010, 28, 395-405.	0.8	65
34	Epigenomic map of human liver reveals principles of zonated morphogenic and metabolic control. Nature Communications, 2018, 9, 4150.	5.8	65
35	CEACAM1 dampens antitumor immunity by down-regulating NKG2D ligand expression on tumor cells. Journal of Experimental Medicine, 2011, 208, 2633-2640.	4.2	64
36	Interferon Lambda Promotes Paneth Cell Death Via STAT1 Signaling in Mice and Is Increased in Inflamed Ileal Tissues of Patients With Crohnâ€™s Disease. Gastroenterology, 2019, 157, 1310-1322.e13.	0.6	63

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37	The Colorectal Cancer Lipidome: Identification of a Robust Tumor-Specific Lipid Species Signature. Gastroenterology, 2021, 161, 910-923.e19.	0.6	63
38	Tumor-infiltrating plasmacytoid dendritic cells are associated with survival in human colon cancer. , 2021, 9, e001813.		57
39	Control of intestinal homeostasis through crosstalk between natural killer T cells and the intestinal microbiota. Clinical Immunology, 2015, 159, 128-133.	1.4	47
40	Phospholipid transfer activity of microsomal triglyceride transfer protein produces apolipoprotein B and reduces hepatosteatosis while maintaining low plasma lipids in mice. Hepatology, 2012, 55, 1356-1368.	3.6	45
41	<scp>CEACAM</scp>1 on activated <scp>NK</scp> cells inhibits <scp>NKG</scp>2<scp>D</scp>â€mediated cytolytic function and signaling. European Journal of Immunology, 2013, 43, 2473-2483.	1.6	44
42	Butyrate Induces Intestinal Sodium Absorption via Sp3-Mediated Transcriptional Up-Regulation of Epithelial Sodium Channels. Gastroenterology, 2007, 132, 236-248.	0.6	39
43	Microsomal triglyceride transfer protein regulates endogenous and exogenous antigen presentation by groupâ€„1 CD1 molecules. European Journal of Immunology, 2008, 38, 2351-2359.	1.6	39
44	Shotgun lipidomics-based characterization of the landscape of lipid metabolism in colorectal cancer. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158579.	1.2	39
45	SETDB1 is required for intestinal epithelial differentiation and the prevention of intestinal inflammation. Gut, 2021, 70, 485-498.	6.1	39
46	Commensal microbial regulation of natural killer T cells at the frontiers of the mucosal immune system. FEBS Letters, 2014, 588, 4188-4194.	1.3	37
47	Commensal microbiota and NKT cells in the control of inflammatory diseases at mucosal surfaces. Current Opinion in Immunology, 2013, 25, 690-696.	2.4	36
48	EUS-guided drainage in the management of postoperative pancreatic leaks and fistulas (with video). Gastrointestinal Endoscopy, 2019, 89, 311-319.e1.	0.5	36
49	Thirty-eight-negative kinase 1 mediates trauma-induced intestinal injury and multi-organ failure. Journal of Clinical Investigation, 2018, 128, 5056-5072.	3.9	36
50	Control of CD1d-restricted antigen presentation and inflammation by sphingomyelin. Nature Immunology, 2019, 20, 1644-1655.	7.0	35
51	Role of NKT Cells in the Digestive System. III. Role of NKT cells in intestinal immunity. American Journal of Physiology - Renal Physiology, 2007, 293, G1101-G1105.	1.6	34
52	c-Rel is a critical mediator of NF-Î²B-dependent TRAIL resistance of pancreatic cancer cells. Cell Death and Disease, 2014, 5, e1455-e1455.	2.7	33
53	Targeted Gene Panel Sequencing for Early-onset Inflammatory Bowel Disease and Chronic Diarrhea. Inflammatory Bowel Diseases, 2017, 23, 2109-2120.	0.9	33
54	Lipid antigens in immunity. Biological Chemistry, 2014, 395, 61-81.	1.2	31

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55	Glucocorticoids and Tumor Necrosis Factor-Î± Synergize to Induce Absorption by the Epithelial Sodium Channel in the Colon. Gastroenterology, 2009, 136, 933-942.e2.	0.6	29
56	Highâ€Resolution Analysis of Barrier Function. Annals of the New York Academy of Sciences, 2009, 1165, 74-81.	1.8	26
57	CD1d-Restricted pathways in hepatocytes control local natural killer T cell homeostasis and hepatic inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10449-10454.	3.3	26
58	Sterile activation of invariant natural killer T cells by ER-stressed antigen-presenting cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23671-23681.	3.3	21
59	Genome-wide analysis of 944 133 individuals provides insights into the etiology of haemorrhoidal disease. Gut, 2021, 70, 1538-1549.	6.1	21
60	IL-1Î² and ADAM17 are central regulators of Î²-defensin expression in Candida esophagitis. American Journal of Physiology - Renal Physiology, 2011, 300, G547-G553.	1.6	18
61	Analyzing Antigen Recognition by Natural Killer T Cells. Methods in Molecular Biology, 2013, 960, 557-572.	0.4	18
62	Expression of non-secreted IL-4 is associated with HDAC inhibitor-induced cell death, histone acetylation and c-Jun regulation in human gamma/delta T-cells. Oncotarget, 2016, 7, 64743-64756.	0.8	18
63	Specific neurophysiological mechanisms underlie cognitive inflexibility in inflammatory bowel disease. Scientific Reports, 2017, 7, 13943.	1.6	17
64	Microbiota-dependent activation of the myeloid calcineurin-NFAT pathway inhibits B7H3- and B7H4-dependent anti-tumor immunity in colorectal cancer. Immunity, 2022, 55, 701-717.e7.	6.6	16
65	Deficiency in X-linked inhibitor of apoptosis protein promotes susceptibility to microbial triggers of intestinal inflammation. Science Immunology, 2021, 6, eabf7473.	5.6	15
66	Primary immunodeficiency associated with defects in CD1 and CD1â€restricted T cells. Annals of the New York Academy of Sciences, 2012, 1250, 14-24.	1.8	14
67	Gastric Carcinomas with Stromal B7-H3 Expression Have Lower Intratumoural CD8+ T Cell Density. International Journal of Molecular Sciences, 2021, 22, 2129.	1.8	14
68	Restoration of ENaC expression by glucocorticoid receptor transfection in human HT-29/B6 colon cells. Biochemical and Biophysical Research Communications, 2006, 344, 1065-1070.	1.0	13
69	Severe bleeding is a rare event in patients receiving lumen-apposing metal stents for the drainage of pancreatic fluid collections. Gut, 2019, 68, 945-946.	6.1	13
70	A colonic mineralocorticoid receptor cell model expressing epithelial Na+ channels. Biochemical and Biophysical Research Communications, 2009, 382, 280-285.	1.0	12
71	The role of natural killer T cells in a mouse model with spontaneous bile duct inflammation. Physiological Reports, 2017, 5, e13117.	0.7	10
72	EUS-guided stent removal in buried lumen-apposing metal stent syndrome: a case series. VideoGIE, 2020, 5, 37-40.	0.3	10

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73	TYK2 inhibition and its potential in the treatment of chronic inflammatory immune diseases. JDDG - Journal of the German Society of Dermatology, 2021, 19, 1409-1420.	0.4	9
74	Subclinical Pulmonary Involvement in Active IBD Responds to Biologic Therapy. Journal of Crohn's and Colitis, 2021, 15, 1339-1345.	0.6	6
75	Detailed Transcriptional Landscape of Peripheral Blood Points to Increased Neutrophil Activation in Treatment-NaÃ¯ve Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2022, 16, 1097-1109.	0.6	5
76	Evolutionary Distance Predicts Recurrence After Liver Transplantation in Multifocal Hepatocellular Carcinoma. Transplantation, 2018, 102, e424-e430.	0.5	4
77	Role of Epithelial Cells in Antigen Presentation. , 2015, , 557-570.		3
78	Analyzing Antigen Recognition by Natural Killer T Cells. Methods in Molecular Biology, 2019, 1988, 439-453.	0.4	3
79	Sortase A-Cleavable CD1d Identifies Sphingomyelins as Major Class of CD1d-Associated Lipids. Frontiers in Immunology, 0, 13, .	2.2	3
80	Rare phenotypes in the understanding of autoimmunity. Immunology and Cell Biology, 2016, 94, 943-948.	1.0	2
81	No Impact of Long-Term Fingolimod Treatment on Fecal Secretory Immunoglobulin A Levels in Patients With Multiple Sclerosis. Frontiers in Cell and Developmental Biology, 2020, 8, 567659.	1.8	2
82	Macroscopic, histologic, and clinical assessment of acute graft-versus-host disease of the upper gastrointestinal tract within 6 weeks after allogeneic hematopoietic cell transplantation. Experimental Hematology, 2022, 108, 36-45.	0.2	2
83	210 Contrast Enhanced Endoscopic Ultrasound of the Colon Is a Marker of Early Therapy Response Following Anti-TNF-Therapy in Patients With Acute Ulcerative Colitis. Gastrointestinal Endoscopy, 2015, 81, AB124.	0.5	1
84	Early Alterations in Endogenous Hepatocyte Lipid Antigens in Hepatitis B Virus Infection Are Associated With CD1D-Restricted Natural Killer T Cell Activation and Viral Clearance. Gastroenterology, 2011, 140, S-886.	0.6	0
85	Early life exposure to microbiota has persistent effects on colonic lamina propria iNKT cells and colitis. Inflammatory Bowel Diseases, 2011, 17, S70.	0.9	0
86	6. Die physiologische Standortflora. , 2016, , 61-82.		0
87	574 Confocal laser endomicroscopy predicts response in patients with acute inflammatory bowel disease undergoing anti-integrin therapy with Vedolizumab.. Gastrointestinal Endoscopy, 2016, 83, AB154.	0.5	0
88	Direct endoscopy and diagnosis of adenocarcinoma following metal stent-based drainage of a pancreatic cyst. Endoscopy, 2018, 50, E72-E73.	1.0	0
89	Thoracic Pain and Pericardial Effusion in a Patient With Chronic Pancreatitis. Gastroenterology, 2020, 161, e1-e3.	0.6	0
90	Abstract 2273: c-Rel is a critical mediator of NF-Î²B-dependent apoptosis resistance of pancreatic cancer cells against TRAIL. , 2014, , .		0

#	Article	IF	Citations
91	Abstract B114: c-Rel is a critical mediator of NF-ÎºB dependent TRAIL resistance of pancreatic cancer cells. , 2015, , .		0
92	Onkogenese: Die Rolle der Mikrobiota. , 0, , .		0