

# Sebastian Zeissig

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/59315/publications.pdf>

Version: 2024-02-01

92  
papers

16,532  
citations

76326

40  
h-index

53230

85  
g-index

101  
all docs

101  
docs citations

101  
times ranked

25727  
citing authors

#	ARTICLE	IF	CITATIONS
1	Host-microbe interactions have shaped the genetic architecture of inflammatory bowel disease. <i>Nature</i> , 2012, 491, 119-124.	27.8	4,038
2	Inflammatory Bowel Disease. <i>Annual Review of Immunology</i> , 2010, 28, 573-621.	21.8	1,642
3	Microbial Exposure During Early Life Has Persistent Effects on Natural Killer T Cell Function. <i>Science</i> , 2012, 336, 489-493.	12.6	1,411
4	XBP1 Links ER Stress to Intestinal Inflammation and Confers Genetic Risk for Human Inflammatory Bowel Disease. <i>Cell</i> , 2008, 134, 743-756.	28.9	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. <i>Gut</i> , 2007, 56, 61-72.	12.1	1,005
6	Inherited determinants of Crohn's disease and ulcerative colitis phenotypes: a genetic association study. <i>Lancet</i> , The, 2016, 387, 156-167.	13.7	607
7	Wheat amylase trypsin inhibitors drive intestinal inflammation via activation of toll-like receptor 4. <i>Journal of Experimental Medicine</i> , 2012, 209, 2395-2408.	8.5	548
8	Sphingolipids from a Symbiotic Microbe Regulate Homeostasis of Host Intestinal Natural Killer T Cells. <i>Cell</i> , 2014, 156, 123-133.	28.9	491
9	A genome-wide association study confirms PNPLA3 and identifies TM6SF2 and MBOAT7 as risk loci for alcohol-related cirrhosis. <i>Nature Genetics</i> , 2015, 47, 1443-1448.	21.4	435
10	Phenotype, penetrance, and treatment of 133 cytotoxic T-lymphocyte antigen 4-insufficient subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1932-1946.	2.9	344
11	Epithelial Tight Junctions in Intestinal Inflammation. <i>Annals of the New York Academy of Sciences</i> , 2009, 1165, 294-300.	3.8	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. <i>Nature Genetics</i> , 2015, 47, 172-179.	21.4	280
13	Downregulation of epithelial apoptosis and barrier repair in active Crohn's disease by tumour necrosis factor $\alpha$ antibody treatment. <i>Gut</i> , 2004, 53, 1295-1302.	12.1	261
14	Validation of treatment strategies for enterohaemorrhagic <i>Escherichia coli</i> O104:H4 induced haemolytic uraemic syndrome: case-control study. <i>BMJ</i> , The, 2012, 345, e4565-e4565.	6.0	255
15	Life at the beginning: perturbation of the microbiota by antibiotics in early life and its role in health and disease. <i>Nature Immunology</i> , 2014, 15, 307-310.	14.5	199
16	Hepatitis B virus-induced lipid alterations contribute to natural killer T cell-dependent protective immunity. <i>Nature Medicine</i> , 2012, 18, 1060-1068.	30.7	198
17	Analysis of factors contributing to variation in the C57BL/6J fecal microbiota across German animal facilities. <i>International Journal of Medical Microbiology</i> , 2016, 306, 343-355.	3.6	196
18	Protective mucosal immunity mediated by epithelial CD1d and IL-10. <i>Nature</i> , 2014, 509, 497-502.	27.8	172

#	ARTICLE	IF	CITATIONS
19	HLA-DQA1 and HLA-DRB1 variants confer susceptibility to pancreatitis induced by thiopurine immunosuppressants. <i>Nature Genetics</i> , 2014, 46, 1131-1134.	21.4	165
20	Vedolizumab is associated with changes in innate rather than adaptive immunity in patients with inflammatory bowel disease. <i>Gut</i> , 2019, 68, 25-39.	12.1	160
21	Disrupted Barrier Function through Epithelial Cell Apoptosis. <i>Annals of the New York Academy of Sciences</i> , 2006, 1072, 288-299.	3.8	154
22	Association Between Variants of PRDM1 and NDP52 and Crohn's Disease, Based on Exome Sequencing and Functional Studies. <i>Gastroenterology</i> , 2013, 145, 339-347.	1.3	149
23	XIAP variants in male Crohn's disease. <i>Gut</i> , 2015, 64, 66-76.	12.1	133
24	TRPV4-mediated regulation of epithelial permeability. <i>FASEB Journal</i> , 2006, 20, 1802-1812.	0.5	106
25	Early-onset Crohn's disease and autoimmunity associated with a variant in CTLA-4. <i>Gut</i> , 2015, 64, 1889-1897.	12.1	106
26	Epithelial calcineurin controls microbiota-dependent intestinal tumor development. <i>Nature Medicine</i> , 2016, 22, 506-515.	30.7	93
27	A global assessment of recent trends in gastrointestinal cancer and lifestyle-associated risk factors. <i>Cancer Communications</i> , 2021, 41, 1137-1151.	9.2	85
28	Genome-wide association analysis of diverticular disease points towards neuromuscular, connective tissue and epithelial pathomechanisms. <i>Gut</i> , 2019, 68, 854-865.	12.1	84
29	The biliary epithelium presents antigens to and activates natural killer T cells. <i>Hepatology</i> , 2015, 62, 1249-1259.	7.3	83
30	Loss of hepatic Mboat7 leads to liver fibrosis. <i>Gut</i> , 2021, 70, 940-950.	12.1	73
31	Primary deficiency of microsomal triglyceride transfer protein in human abetalipoproteinemia is associated with loss of CD1 function. <i>Journal of Clinical Investigation</i> , 2010, 120, 2889-2899.	8.2	71
32	Altered ENaC Expression Leads to Impaired Sodium Absorption in the Noninflamed Intestine in Crohn's Disease. <i>Gastroenterology</i> , 2008, 134, 1436-1447.	1.3	66
33	Genes and Environment: How Will Our Concepts on the Pathophysiology of IBD Develop in the Future?. <i>Digestive Diseases</i> , 2010, 28, 395-405.	1.9	65
34	Epigenomic map of human liver reveals principles of zoned morphogenic and metabolic control. <i>Nature Communications</i> , 2018, 9, 4150.	12.8	65
35	CEACAM1 dampens antitumor immunity by down-regulating NKG2D ligand expression on tumor cells. <i>Journal of Experimental Medicine</i> , 2011, 208, 2633-2640.	8.5	64
36	Interferon Lambda Promotes Paneth Cell Death Via STAT1 Signaling in Mice and Is Increased in Inflamed Ileal Tissues of Patients With Crohn's Disease. <i>Gastroenterology</i> , 2019, 157, 1310-1322.e13.	1.3	63

#	ARTICLE	IF	CITATIONS
37	The Colorectal Cancer Lipidome: Identification of a Robust Tumor-Specific Lipid Species Signature. <i>Gastroenterology</i> , 2021, 161, 910-923.e19.	1.3	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. <i>Clinical Immunology</i> , 2015, 159, 128-133.	3.2	47
40	Phospholipid transfer activity of microsomal triglyceride transfer protein produces apolipoprotein B and reduces hepatosteatosis while maintaining low plasma lipids in mice. <i>Hepatology</i> , 2012, 55, 1356-1368.	7.3	45
41	<sc>CEACAM</sc>1 on activated <sc>NK</sc> cells inhibits <sc>NKG</sc>2<sc>D</sc>-mediated cytolytic function and signaling. <i>European Journal of Immunology</i> , 2013, 43, 2473-2483.	2.9	44
42	Butyrate Induces Intestinal Sodium Absorption via Sp3-Mediated Transcriptional Up-Regulation of Epithelial Sodium Channels. <i>Gastroenterology</i> , 2007, 132, 236-248.	1.3	39
43	Microsomal triglyceride transfer protein regulates endogenous and exogenous antigen presentation by group 1 CD1 molecules. <i>European Journal of Immunology</i> , 2008, 38, 2351-2359.	2.9	39
44	Shotgun lipidomics-based characterization of the landscape of lipid metabolism in colorectal cancer. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158579.	2.4	39
45	SETDB1 is required for intestinal epithelial differentiation and the prevention of intestinal inflammation. <i>Gut</i> , 2021, 70, 485-498.	12.1	39
46	Commensal microbial regulation of natural killer T cells at the frontiers of the mucosal immune system. <i>FEBS Letters</i> , 2014, 588, 4188-4194.	2.8	37
47	Commensal microbiota and NKT cells in the control of inflammatory diseases at mucosal surfaces. <i>Current Opinion in Immunology</i> , 2013, 25, 690-696.	5.5	36
48	EUS-guided drainage in the management of postoperative pancreatic leaks and fistulas (with video). <i>Gastrointestinal Endoscopy</i> , 2019, 89, 311-319.e1.	1.0	36
49	Thirty-eight-negative kinase 1 mediates trauma-induced intestinal injury and multi-organ failure. <i>Journal of Clinical Investigation</i> , 2018, 128, 5056-5072.	8.2	36
50	Control of CD1d-restricted antigen presentation and inflammation by sphingomyelin. <i>Nature Immunology</i> , 2019, 20, 1644-1655.	14.5	35
51	Role of NKT Cells in the Digestive System. III. Role of NKT cells in intestinal immunity. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G1101-G1105.	3.4	34
52	c-Rel is a critical mediator of NF- $\kappa$ B-dependent TRAIL resistance of pancreatic cancer cells. <i>Cell Death and Disease</i> , 2014, 5, e1455-e1455.	6.3	33
53	Targeted Gene Panel Sequencing for Early-onset Inflammatory Bowel Disease and Chronic Diarrhea. <i>Inflammatory Bowel Diseases</i> , 2017, 23, 2109-2120.	1.9	33
54	Lipid antigens in immunity. <i>Biological Chemistry</i> , 2014, 395, 61-81.	2.5	31

#	ARTICLE	IF	CITATIONS
55	Glucocorticoids and Tumor Necrosis Factor- $\alpha$ Synergize to Induce Absorption by the Epithelial Sodium Channel in the Colon. <i>Gastroenterology</i> , 2009, 136, 933-942.e2.	1.3	29
56	High-Resolution Analysis of Barrier Function. <i>Annals of the New York Academy of Sciences</i> , 2009, 1165, 74-81.	3.8	26
57	CD1d-Restricted pathways in hepatocytes control local natural killer T cell homeostasis and hepatic inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10449-10454.	7.1	26
58	Sterile activation of invariant natural killer T cells by ER-stressed antigen-presenting cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23671-23681.	7.1	21
59	Genome-wide analysis of 944 133 individuals provides insights into the etiology of haemorrhoidal disease. <i>Gut</i> , 2021, 70, 1538-1549.	12.1	21
60	IL-1 $\beta$ and ADAM17 are central regulators of $\beta$ -defensin expression in <i>Candida</i> esophagitis. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G547-G553.	3.4	18
61	Analyzing Antigen Recognition by Natural Killer T Cells. <i>Methods in Molecular Biology</i> , 2013, 960, 557-572.	0.9	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. <i>Oncotarget</i> , 2016, 7, 64743-64756.	1.8	18
63	Specific neurophysiological mechanisms underlie cognitive inflexibility in inflammatory bowel disease. <i>Scientific Reports</i> , 2017, 7, 13943.	3.3	17
64	Microbiota-dependent activation of the myeloid calcineurin-NFAT pathway inhibits B7H3- and B7H4-dependent anti-tumor immunity in colorectal cancer. <i>Immunity</i> , 2022, 55, 701-717.e7.	14.3	16
65	Deficiency in X-linked inhibitor of apoptosis protein promotes susceptibility to microbial triggers of intestinal inflammation. <i>Science Immunology</i> , 2021, 6, eabf7473.	11.9	15
66	Primary immunodeficiency associated with defects in CD1 and CD1d-restricted T cells. <i>Annals of the New York Academy of Sciences</i> , 2012, 1250, 14-24.	3.8	14
67	Gastric Carcinomas with Stromal B7-H3 Expression Have Lower Intratumoural CD8+ T Cell Density. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2129.	4.1	14
68	Restoration of ENaC expression by glucocorticoid receptor transfection in human HT-29/B6 colon cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 1065-1070.	2.1	13
69	Severe bleeding is a rare event in patients receiving lumen-apposing metal stents for the drainage of pancreatic fluid collections. <i>Gut</i> , 2019, 68, 945-946.	12.1	13
70	A colonic mineralocorticoid receptor cell model expressing epithelial Na <sup>+</sup> channels. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 280-285.	2.1	12
71	The role of natural killer T cells in a mouse model with spontaneous bile duct inflammation. <i>Physiological Reports</i> , 2017, 5, e13117.	1.7	10
72	EUS-guided stent removal in buried lumen-apposing metal stent syndrome: a case series. <i>VideoGIE</i> , 2020, 5, 37-40.	0.7	10

#	ARTICLE	IF	CITATIONS
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.	0.8	9
74	Subclinical Pulmonary Involvement in Active IBD Responds to Biologic Therapy. Journal of Crohn's and Colitis, 2021, 15, 1339-1345.	1.3	6
75	Detailed Transcriptional Landscape of Peripheral Blood Points to Increased Neutrophil Activation in Treatment-Naïve Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2022, 16, 1097-1109.	1.3	5
76	Evolutionary Distance Predicts Recurrence After Liver Transplantation in Multifocal Hepatocellular Carcinoma. Transplantation, 2018, 102, e424-e430.	1.0	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.	0.9	3
79	Sortase A-Cleavable CD1d Identifies Sphingomyelins as Major Class of CD1d-Associated Lipids. Frontiers in Immunology, 0, 13, .	4.8	3
80	Rare phenotypes in the understanding of autoimmunity. Immunology and Cell Biology, 2016, 94, 943-948.	2.3	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.	3.7	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.	0.4	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.	1.0	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.	1.3	0
85	Early life exposure to microbiota has persistent effects on colonic lamina propria iNKT cells and colitis. Inflammatory Bowel Diseases, 2011, 17, S70.	1.9	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.	1.0	0
88	Direct endoscopy and diagnosis of adenocarcinoma following metal stent-based drainage of a pancreatic cyst. Endoscopy, 2018, 50, E72-E73.	1.8	0
89	Thoracic Pain and Pericardial Effusion in a Patient With Chronic Pancreatitis. Gastroenterology, 2020, 161, e1-e3.	1.3	0
90	Abstract 2273: c-Rel is a critical mediator of NF- $\kappa$ B-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- $\kappa$ B dependent TRAIL resistance of pancreatic cancer cells. , 2015, , .		0
92	Onkogenese: Die Rolle der Mikrobiota. , 0, , .		0