Stefan Bereswill

List of Publications by Year
in descending order

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75 papers	2,729 citations	218677 26 h-index	197818 49 g-index
75 all docs	75 docs citations	75 times ranked	2919 citing authors

#	Article	IF	Citations
1	Gram-Negative Bacteria Aggravate Murine Small Intestinal Th1-Type Immunopathology following Oral Infection with Toxoplasma gondii. Journal of Immunology, 2006, 177, 8785-8795.	0.8	355
2	Novel Murine Infection Models Provide Deep Insights into the â€œMÃ©nage Ã Troisâ€•of Campylobacter jejuni, Microbiota and Host Innate Immunity. PLoS ONE, 2011, 6, e20953.	2.5	245
3	Depletion of Cultivatable Gut Microbiota by Broad-Spectrum Antibiotic Pretreatment Worsens Outcome After Murine Stroke. Stroke, 2016, 47, 1354-1363.	2.0	168
4	Immunomodulatory and antimicrobial effects of vitamin C. European Journal of Microbiology and Immunology, 2019, 9, 73-79.	2.8	148
5	Campylobacter jejuni Induces Acute Enterocolitis in Gnotobiotic IL-10â^'/â^' Mice via Toll-Like-Receptor-2 and -4 Signaling. PLoS ONE, 2012, 7, e40761.	2.5	126
6	Propionate attenuates atherosclerosis by immune-dependent regulation of intestinal cholesterol metabolism. European Heart Journal, 2022, 43, 518-533.	2.2	113
7	Impact of personalized diet and probiotic supplementation on inflammation, nutritional parameters and intestinal microbiota â€“ The â€œRISTOMED projectâ€• Randomized controlled trial in healthy older people. Clinical Nutrition, 2015, 34, 593-602.	5.0	102
8	The role of serine protease HtrA in acute ulcerative enterocolitis and extra-intestinal immune responses during Campylobacter jejuni infection of gnotobiotic IL-10 deficient mice. Frontiers in Cellular and Infection Microbiology, 2014, 4, 77.	3.9	99
9	Antibiotic treatmentâ€“induced secondary IgA deficiency enhances susceptibility to Pseudomonas aeruginosa pneumonia. Journal of Clinical Investigation, 2018, 128, 3535-3545.	8.2	75
10	The octapetide NAP alleviates intestinal and extra-intestinal anti-inflammatory sequelae of acute experimental colitis. Peptides, 2018, 101, 1-9.	2.4	60
11	The Probiotic Compound VSL#3 Modulates Mucosal, Peripheral, and Systemic Immunity Following Murine Broad-Spectrum Antibiotic Treatment. Frontiers in Cellular and Infection Microbiology, 2017, 7, 167.	3.9	51
12	Antibiotic use during pregnancy increases offspring asthma severity in a doseâ€dependent manner. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1979-1990.	5.7	49
13	Small intestinal permeability in older adults. Physiological Reports, 2014, 2, e00281.	1.7	48
14	Fecal Microbiota Transplantation, Commensal Escherichia coli and Lactobacillus johnsonii Strains Differentially Restore Intestinal and Systemic Adaptive Immune Cell Populations Following Broad-spectrum Antibiotic Treatment. Frontiers in Microbiology, 2017, 8, 2430.	3.5	45
15	Human Campylobacteriosisâ€”A Serious Infectious Threat in a One Health Perspective. Current Topics in Microbiology and Immunology, 2021, 431, 1-23.	1.1	44
16	The impact of serine protease HtrA in apoptosis, intestinal immune responses and extra-intestinal histopathology during Campylobacter jejuni infection of infant mice. Gut Pathogens, 2014, 6, 16.	3.4	41
17	Intestinal and Systemic Immune Responses upon Multi-drug Resistant Pseudomonas aeruginosa Colonization of Mice Harboring a Human Gut Microbiota. Frontiers in Microbiology, 2017, 8, 2590.	3.5	41
18	Function of serine protease HtrA in the lifecycle of the foodborne pathogen Campylobacter jejuni. European Journal of Microbiology and Immunology, 2018, 8, 70-77.	2.8	35

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19	Intestinal microbiota changes in mice lacking pituitary adenylate cyclase activating polypeptide (PACAP) â€" bifidobacteria make the difference. European Journal of Microbiology and Immunology, 2017, 7, 187-199.	2.8	34
20	Curcumin Mitigates Immune-Induced Epithelial Barrier Dysfunction by Campylobacter jejuni. International Journal of Molecular Sciences, 2019, 20, 4830.	4.1	34
21	Anti-inflammatory effects of the octapeptide NAP in human microbiota-associated mice suffering from subacute ileitis. European Journal of Microbiology and Immunology, 2018, 8, 34-40.	2.8	32
22	NK cell-derived IL-10 is critical for DC-NK cell dialogue at the maternal-fetal interface. Scientific Reports, 2017, 7, 2189.	3.3	30
23	Peroral low-dose Toxoplasma gondii infection of human microbiota-associated mice â€" a subacute ileitis model to unravel pathogenâ€"host interactions. European Journal of Microbiology and Immunology, 2018, 8, 53-61.	2.8	30
24	Murine Fecal Microbiota Transplantation Alleviates Intestinal and Systemic Immune Responses in Campylobacter jejuni Infected Mice Harboring a Human Gut Microbiota. Frontiers in Immunology, 2019, 10, 2272.	4.8	29
25	Immunopathological properties of the Campylobacter jejuni flagellins and the adhesin CadF as assessed in a clinical murine infection model. Gut Pathogens, 2019, 11, 24.	3.4	29
26	Changes of the intestinal microbiomeâ€"host homeostasis in HIV-infected individuals â€" a focus on the bacterial gut microbiome. European Journal of Microbiology and Immunology, 2017, 7, 158-167.	2.8	28
27	Helicobacter pylori protects oncogenically transformed cells from reactive oxygen species-mediated intercellular induction of apoptosis. Carcinogenesis, 2014, 35, 1582-1591.	2.8	27
28	Carvacrol ameliorates acute campylobacteriosis in a clinical murine infection model. Gut Pathogens, 2020, 12, 2.	3.4	27
29	Multidrug-resistant Pseudomonas aeruginosa induce systemic pro-inflammatory immune responses in colonized mice. European Journal of Microbiology and Immunology, 2017, 7, 200-209.	2.8	26
30	Protease Activity of Campylobacter jejuni HtrA Modulates Distinct Intestinal and Systemic Immune Responses in Infected Secondary Abiotic IL-10 Deficient Mice. Frontiers in Cellular and Infection Microbiology, 2019, 9, 79.	3.9	26
31	Pituitary Adenylate Cyclase-Activating Polypeptideâ€"A Neuropeptide as Novel Treatment Option for Subacute Ileitis in Mice Harboring a Human Gut Microbiota. Frontiers in Immunology, 2019, 10, 554.	4.8	25
32	Vitamin C alleviates acute enterocolitis in Campylobacter jejuni infected mice. Scientific Reports, 2020, 10, 2921.	3.3	25
33	Vitamin D in Acute Campylobacteriosisâ€"Results From an Intervention Study Applying a Clinical Campylobacter jejuni Induced Enterocolitis Model. Frontiers in Immunology, 2019, 10, 2094.	4.8	24
34	Antibacterial properties of capsaicin and its derivatives and their potential to fight antibiotic resistance â€" A literature survey. European Journal of Microbiology and Immunology, 2021, 11, 10-17.	2.8	24
35	Multidrug-resistant Pseudomonas aeruginosa aggravates inflammatory responses in murine chronic colitis. Scientific Reports, 2018, 8, 6685.	3.3	22
36	Toll-like receptor-4 differentially mediates intestinal and extra-intestinal immune responses upon multi-drug resistant Pseudomonas aeruginosa association of IL10â^'/â^' mice with chronic colitis. Gut Pathogens, 2017, 9, 61.	3.4	21

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37	Antimicrobial and immune-modulatory effects of vitamin D provide promising antibiotics-independent approaches to tackle bacterial infections â€“ lessons learnt from a literature survey. European Journal of Microbiology and Immunology, 2019, 9, 80-87.	2.8	20
38	The Goblet Cell Protein Clca1 (Alias mClca3 or Gob-5) Is Not Required for Intestinal Mucus Synthesis, Structure and Barrier Function in Naive or DSS-Challenged Mice. PLoS ONE, 2015, 10, e0131991.	2.5	19
39	Anti-Pathogenic and Immune-Modulatory Effects of Peroral Treatment with Cardamom Essential Oil in Acute Murine Campylobacteriosis. Microorganisms, 2021, 9, 169.	3.6	19
40	Preclinical Evaluation of Oral Urolithin-A for the Treatment of Acute Campylobacteriosis in Campylobacter jejuni Infected Microbiota-Depleted IL-10â^'/â^' Mice. Pathogens, 2021, 10, 7.	2.8	19
41	Campylobacter concisus Impairs Sodium Absorption in Colonic Epithelium via ENaC Dysfunction and Claudin-8 Disruption. International Journal of Molecular Sciences, 2020, 21, 373.	4.1	16
42	Characterization of Arcobacter strains isolated from human stool samples: results from the prospective German prevalence study Arcopath. Gut Pathogens, 2020, 12, 3.	3.4	15
43	Murine Models for the Investigation of Colonization Resistance and Innate Immune Responses in Campylobacter Jejuni Infections. Current Topics in Microbiology and Immunology, 2021, 431, 233-263.	1.1	15
44	Resveratrol Alleviates Acute Campylobacter jejuni Induced Enterocolitis in a Preclinical Murine Intervention Study. Microorganisms, 2020, 8, 1858.	3.6	14
45	Immune-modulatory Properties of the Octapeptide NAP in Campylobacter jejuni Infected Mice Suffering from Acute Enterocolitis. Microorganisms, 2020, 8, 802.	3.6	14
46	A literature survey on antimicrobial and immune-modulatory effects of butyrate revealing non-antibiotic approaches to tackle bacterial infections. European Journal of Microbiology and Immunology, 2021, 11, 1-9.	2.8	13
47	Vitamin D Reverses Disruption of Gut Epithelial Barrier Function Caused by Campylobacter jejuni. International Journal of Molecular Sciences, 2021, 22, 8872.	4.1	13
48	Toll-like receptor-4 dependent inflammatory responses following intestinal colonization of secondary abiotic IL10-deficient mice with multidrug-resistant Pseudomonas aeruginosa. European Journal of Microbiology and Immunology, 2017, 7, 210-219.	2.8	12
49	Peroral Clove Essential Oil Treatment Ameliorates Acute Campylobacteriosisâ€"Results from a Preclinical Murine Intervention Study. Microorganisms, 2021, 9, 735.	3.6	12
50	A review of the antimicrobial and immune-modulatory properties of the gut microbiota-derived short chain fatty acid propionate â€“ What is new?. European Journal of Microbiology and Immunology, 2021, 11, 50-56.	2.8	12
51	Vitamin E as promising adjunct treatment option in the combat of infectious diseases caused by bacterial including multi-drug resistant pathogens â€“ Results from a comprehensive literature survey. European Journal of Microbiology and Immunology, 2020, 10, 193-201.	2.8	12
52	Multidrug-Resistant Pseudomonas aeruginosa Accelerate Intestinal, Extra-Intestinal, and Systemic Inflammatory Responses in Human Microbiota-Associated Mice With Subacute Ileitis. Frontiers in Immunology, 2019, 10, 49.	4.8	11
53	Murine fecal microbiota transplantation lowers gastrointestinal pathogen loads and dampens pro-inflammatory immune responses in Campylobacter jejuni infected secondary abiotic mice. Scientific Reports, 2019, 9, 19797.	3.3	11
54	Pituitary Adenylate Cyclase-Activating Polypeptide Alleviates Intestinal, Extra-Intestinal and Systemic Inflammatory Responses during Acute Campylobacter jejuni-induced Enterocolitis in Mice. Pathogens, 2020, 9, 805.	2.8	11

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55	Antibacterial effects of biologically active ingredients in hop provide promising options to fight infections by pathogens including multi-drug resistant bacteria. European Journal of Microbiology and Immunology, 2022, 12, 22-30.	2.8	11
56	Prevalence and antimicrobial susceptibility of Arcobacter species in human stool samples derived from out- and inpatients: the prospective German Arcobacter prevalence study Arcopath. Gut Pathogens, 2020, 12, 21.	3.4	10
57	Toll-Like Receptor-4 Dependent Intestinal and Systemic Sequelae Following Peroral Campylobacter coli Infection of IL10 Deficient Mice Harboring a Human Gut Microbiota. Pathogens, 2020, 9, 386.	2.8	10
58	Peptidase PepP is a novel virulence factor of Campylobacter jejuni contributing to murine campylobacteriosis. Gut Microbes, 2020, 12, 1770017.	9.8	9
59	Garlic Essential Oil as Promising Option for the Treatment of Acute Campylobacteriosisâ€"Results from a Preclinical Placebo-Controlled Intervention Study. Microorganisms, 2021, 9, 1140.	3.6	9
60	Immune-Modulatory Effects upon Oral Application of Cumin-Essential-Oil to Mice Suffering from Acute Campylobacteriosis. Pathogens, 2021, 10, 818.	2.8	9
61	Galanin receptor 3 attenuates inflammation and influences the gut microbiota in an experimental murine colitis model. Scientific Reports, 2021, 11, 564.	3.3	9
62	Review of therapeutic options for infections with carbapenem-resistant Klebsiella pneumoniae. European Journal of Microbiology and Immunology, 2020, 10, 115-124.	2.8	9
63	Disease-Alleviating Effects of Peroral Activated Charcoal Treatment in Acute Murine Campylobacteriosis. Microorganisms, 2021, 9, 1424.	3.6	8
64	Comprehensive Kinetic Survey of Intestinal, Extra-Intestinal and Systemic Sequelae of Murine Ileitis Following Peroral Low-Dose Toxoplasma gondii Infection. Frontiers in Cellular and Infection Microbiology, 2019, 9, 98.	3.9	7
65	Fecal microbiota transplantation decreases intestinal loads of multi-drug resistant Pseudomonas aeruginosa in murine carriers. European Journal of Microbiology and Immunology, 2019, 9, 14-22.	2.8	7
66	Toll-Like Receptor-4 Is Involved in Mediating Intestinal and Extra-Intestinal Inflammation in Campylobacter coli-Infected Secondary Abiotic IL-10â^'/â^' Mice. Microorganisms, 2020, 8, 1882.	3.6	7
67	Survey of Pathogen-Lowering and Immuno-Modulatory Effects Upon Treatment of Campylobacter coli-Infected Secondary Abiotic IL-10â^'/â^' Mice with the Probiotic Formulation AviguardÂ®. Microorganisms, 2021, 9, 1127.	3.6	7
68	The glycosyltransferase ST3GAL2 is regulated by miR-615-3p in the intestinal tract of Campylobacter jejuni infected mice. Gut Pathogens, 2021, 13, 42.	3.4	5
69	Inflammatory Immune Responses and Gut Microbiota Changes Following Campylobacter coli Infection of IL-10-/- Mice with Chronic Colitis. Pathogens, 2020, 9, 560.	2.8	4
70	The Host-Specific Intestinal Microbiota Composition Impacts Campylobacter coli Infection in a Clinical Mouse Model of Campylobacteriosis. Pathogens, 2020, 9, 804.	2.8	4
71	Treatment with the Probiotic Product AviguardÂ® Alleviates Inflammatory Responses during Campylobacter jejuni-Induced Acute Enterocolitis in Mice. International Journal of Molecular Sciences, 2021, 22, 6683.	4.1	3
72	The Role of Nickel in Environmental Adaptation of the Gastric Pathogen Helicobacter pylori. , 2007, , 545-579.		2

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73	Synergistic antimicrobial effects of CefabronchinÂ®. European Journal of Microbiology and Immunology, 2019, 9, 100-104.	2.8	1
74	Microbiota composition and inflammatory immune responses upon peroral application of the commercial competitive exclusion product AviguardÂ® to microbiota-depleted wildtype mice. European Journal of Microbiology and Immunology, 2020, 10, 139-146.	2.8	1
75	Absinthe against multi-drug resistant bacterial pathogens? A recent update on the antibacterial effects of Artemisia compounds. European Journal of Microbiology and Immunology, 2022, , .	2.8	1