

Markus M Heimesaat

List of Publications by Year in descending order

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Version: 2024-02-01

180
papers

9,963
citations

38742

50
h-index

42399

92
g-index

186
all docs

186
docs citations

186
times ranked

13086
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Glucagon-Like Peptide 1 on Counterregulatory Hormone Responses, Cognitive Functions, and Insulin Secretion during Hyperinsulinemic, Stepped Hypoglycemic Clamp Experiments in Healthy Volunteers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 1239-1246.	3.6	515
2	Ly6Chi Monocytes Provide a Link between Antibiotic-Induced Changes in Gut Microbiota and Adult Hippocampal Neurogenesis. <i>Cell Reports</i> , 2016, 15, 1945-1956.	6.4	358
3	Gram-Negative Bacteria Aggravate Murine Small Intestinal Th1-Type Immunopathology following Oral Infection with <i>Toxoplasma gondii</i> . <i>Journal of Immunology</i> , 2006, 177, 8785-8795.	0.8	355
4	A guide to histomorphological evaluation of intestinal inflammation in mouse models. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 4557-76.	0.5	340
5	Interleukin (IL)-23 mediates <i>Toxoplasma gondii</i> -induced immunopathology in the gut via matrixmetalloproteinase-2 and IL-22 but independent of IL-17. <i>Journal of Experimental Medicine</i> , 2009, 206, 3047-3059.	8.5	262
6	Regulatory T Cell Specificity Directs Tolerance versus Allergy against Aeroantigens in Humans. <i>Cell</i> , 2016, 167, 1067-1078.e16.	28.9	253
7	Novel Murine Infection Models Provide Deep Insights into the ÆœMœnage Å TroisÆ of <i>Campylobacter jejuni</i> , Microbiota and Host Innate Immunity. <i>PLoS ONE</i> , 2011, 6, e20953.	2.5	245
8	Anti-Inflammatory Effects of Resveratrol, Curcumin and Simvastatin in Acute Small Intestinal Inflammation. <i>PLoS ONE</i> , 2010, 5, e15099.	2.5	244
9	Immunology of <i>Toxoplasma gondii</i> . <i>Immunological Reviews</i> , 2011, 240, 269-285.	6.0	233
10	MyD88/TLR9 mediated immunopathology and gut microbiota dynamics in a novel murine model of intestinal graft-versus-host disease. <i>Gut</i> , 2010, 59, 1079-1087.	12.1	229
11	The NLRP3 Inflammasome Is Differentially Activated by Pneumolysin Variants and Contributes to Host Defense in Pneumococcal Pneumonia. <i>Journal of Immunology</i> , 2011, 187, 434-440.	0.8	222
12	Gut Microbiota-Dependent Trimethylamine <i>N</i> -Oxide Predicts Risk of Cardiovascular Events in Patients With Stroke and Is Related to Proinflammatory Monocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2225-2235.	2.4	219
13	Shift Towards Pro-inflammatory Intestinal Bacteria Aggravates Acute Murine Colitis via Toll-like Receptors 2 and 4. <i>PLoS ONE</i> , 2007, 2, e662.	2.5	200
14	Toll-like receptor and IL-12 signaling control susceptibility to contact hypersensitivity. <i>Journal of Experimental Medicine</i> , 2008, 205, 2151-2162.	8.5	195
15	Depletion of Cultivable Gut Microbiota by Broad-Spectrum Antibiotic Pretreatment Worsens Outcome After Murine Stroke. <i>Stroke</i> , 2016, 47, 1354-1363.	2.0	168
16	Interleukin-22 Induces Interleukin-18 Expression from Epithelial Cells during Intestinal Infection. <i>Immunity</i> , 2015, 42, 321-331.	14.3	162
17	Role of Blimp-1 in programming Th effector cells into IL-10 producers. <i>Journal of Experimental Medicine</i> , 2014, 211, 1807-1819.	8.5	161
18	Small Intestinal Nematode Infection of Mice Is Associated with Increased Enterobacterial Loads alongside the Intestinal Tract. <i>PLoS ONE</i> , 2013, 8, e74026.	2.5	159

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19	Aggravation of Different Types of Experimental Colitis by Depletion or Adhesion Blockade of Neutrophils. <i>Gastroenterology</i> , 2007, 133, 1882-1892.	1.3	156
20	Immunomodulatory and antimicrobial effects of vitamin C. <i>European Journal of Microbiology and Immunology</i> , 2019, 9, 73-79.	2.8	148
21	Dissecting the interplay between intestinal microbiota and host immunity in health and disease: Lessons learned from germfree and gnotobiotic animal models. <i>European Journal of Microbiology and Immunology</i> , 2016, 6, 253-271.	2.8	142
22	Toll-like receptor-4 deficiency attenuates doxorubicin-induced cardiomyopathy in mice. <i>European Journal of Heart Failure</i> , 2008, 10, 233-243.	7.1	136
23	Intestinal Microbiota Shifts towards Elevated Commensal Escherichia coli Loads Abrogate Colonization Resistance against Campylobacter jejuni in Mice. <i>PLoS ONE</i> , 2012, 7, e35988.	2.5	130
24	Campylobacter jejuni Induces Acute Enterocolitis in Gnotobiotic IL-10 ^{-/-} Mice via Toll-Like-Receptor-2 and -4 Signaling. <i>PLoS ONE</i> , 2012, 7, e40761.	2.5	126
25	Immune Responses to Broad-Spectrum Antibiotic Treatment and Fecal Microbiota Transplantation in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 397.	4.8	122
26	Propionate attenuates atherosclerosis by immune-dependent regulation of intestinal cholesterol metabolism. <i>European Heart Journal</i> , 2022, 43, 518-533.	2.2	113
27	Toll-Like Receptor-4 Modulates Survival by Induction of Left Ventricular Remodeling after Myocardial Infarction in Mice. <i>Journal of Immunology</i> , 2008, 180, 6954-6961.	0.8	112
28	The Induction of Colitis and Ileitis in Mice Is Associated with Marked Increases in Intestinal Concentrations of Stimulants of TLRs 2, 4, and 5. <i>PLoS ONE</i> , 2010, 5, e9125.	2.5	112
29	Modification of Intestinal Microbiota and Its Consequences for Innate Immune Response in the Pathogenesis of Campylobacteriosis. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-10.	3.3	108
30	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. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 77.	3.9	99
31	Ly6Chigh Monocytes Control Cerebral Toxoplasmosis. <i>Journal of Immunology</i> , 2015, 194, 3223-3235.	0.8	99
32	Fetal meconium does not have a detectable microbiota before birth. <i>Nature Microbiology</i> , 2021, 6, 865-873.	13.3	95
33	Profound defects in pancreatic Î²-cell function in mice with combined heterozygous mutations in Pdx-1, Hnf-1Î±, and Hnf-3Î². <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3818-3823.	7.1	90
34	Reduced Degradation of the Chemokine MCP-3 by Matrix Metalloproteinase-2 Exacerbates Myocardial Inflammation in Experimental Viral Cardiomyopathy. <i>Circulation</i> , 2011, 124, 2082-2093.	1.6	81
35	Antibiotic treatment-induced secondary IgA deficiency enhances susceptibility to Pseudomonas aeruginosa pneumonia. <i>Journal of Clinical Investigation</i> , 2018, 128, 3535-3545.	8.2	75
36	TRIF Is a Critical Survival Factor in Viral Cardiomyopathy. <i>Journal of Immunology</i> , 2011, 186, 2561-2570.	0.8	71

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37	Helicobacter pylori Induced Gastric Immunopathology Is Associated with Distinct Microbiota Changes in the Large Intestines of Long-Term Infected Mongolian Gerbils. PLoS ONE, 2014, 9, e100362.	2.5	69
38	The role of gelatinases in Campylobacter jejuni infection of gnotobiotic mice. European Journal of Microbiology and Immunology, 2015, 5, 256-267.	2.8	68
39	Comprehensive Postmortem Analyses of Intestinal Microbiota Changes and Bacterial Translocation in Human Flora Associated Mice. PLoS ONE, 2012, 7, e40758.	2.5	67
40	Atovaquone Maintenance Therapy Prevents Reactivation of Toxoplasmic Encephalitis in a Murine Model of Reactivated Toxoplasmosis. Antimicrobial Agents and Chemotherapy, 2004, 48, 4848-4854.	3.2	63
41	Campylobacter jejuni infection of infant mice: Acute enterocolitis is followed by asymptomatic intestinal and extra-intestinal immune responses. European Journal of Microbiology and Immunology, 2012, 2, 2-11.	2.8	63
42	Lactobacillus johnsonii ameliorates intestinal, extra-intestinal and systemic pro-inflammatory immune responses following murine Campylobacter jejuni infection. Scientific Reports, 2017, 7, 2138.	3.3	60
43	NOD2 (Nucleotide-Binding Oligomerization Domain 2) Is a Major Pathogenic Mediator of Coxsackievirus B3-Induced Myocarditis. Circulation: Heart Failure, 2017, 10, .	3.9	60
44	The octapeptide NAP alleviates intestinal and extra-intestinal anti-inflammatory sequelae of acute experimental colitis. Peptides, 2018, 101, 1-9.	2.4	60
45	Impact of Campylobacter jejuni cj0268c Knockout Mutation on Intestinal Colonization, Translocation, and Induction of Immunopathology in Gnotobiotic IL-10 Deficient Mice. PLoS ONE, 2014, 9, e90148.	2.5	57
46	Matrix Metalloproteinase-2 Mediates Intestinal Immunopathogenesis in Campylobacter jejuni-infected infant mice. European Journal of Microbiology and Immunology, 2015, 5, 188-198.	2.8	56
47	CCR7 deficiency causes ectopic lymphoid neogenesis and disturbed mucosal tissue integrity. Blood, 2007, 109, 886-895.	1.4	54
48	The impact of Toll-like-receptor-9 on intestinal microbiota composition and extra-intestinal sequelae in experimental Toxoplasma gondii induced ileitis. Gut Pathogens, 2014, 6, 19.	3.4	54
49	SDS-coated atovaquone nanosuspensions show improved therapeutic efficacy against experimental acquired and reactivated toxoplasmosis by improving passage of gastrointestinal and blood-brain barriers. Journal of Drug Targeting, 2011, 19, 114-124.	4.4	53
50	Novel Clinical Campylobacter jejuni Infection Models Based on Sensitization of Mice to Lipooligosaccharide, a Major Bacterial Factor Triggering Innate Immune Responses in Human Campylobacteriosis. Microorganisms, 2020, 8, 482.	3.6	52
51	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
52	Finding novel antibiotic substances from medicinal plants – Antimicrobial properties of Nigella sativa directed against multidrug resistant bacteria. European Journal of Microbiology and Immunology, 2017, 7, 92-98.	2.8	49
53	Antibiotic use during pregnancy increases offspring asthma severity in a dose-dependent manner. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1979-1990.	5.7	49
54	Survey of extra-intestinal immune responses in asymptomatic long-term Campylobacter jejuni-infected mice. European Journal of Microbiology and Immunology, 2013, 3, 174-182.	2.8	48

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55	Nucleotide Oligomerization Domains 1 and 2: Regulation of Expression and Function in Preadipocytes. <i>Journal of Immunology</i> , 2008, 181, 3620-3627.	0.8	47
56	Acute ileitis facilitates infection with multidrug resistant <i>Pseudomonas aeruginosa</i> in human microbiota-associated mice. <i>Gut Pathogens</i> , 2017, 9, 4.	3.4	46
57	Pituitary Adenylate Cyclase-Activating Polypeptide Ameliorates Experimental Acute Ileitis and Extra-Intestinal Sequelae. <i>PLoS ONE</i> , 2014, 9, e108389.	2.5	45
58	Fecal Microbiota Transplantation, Commensal <i>Escherichia coli</i> and <i>Lactobacillus johnsonii</i> Strains Differentially Restore Intestinal and Systemic Adaptive Immune Cell Populations Following Broad-spectrum Antibiotic Treatment. <i>Frontiers in Microbiology</i> , 2017, 8, 2430.	3.5	45
59	Human Campylobacteriosis – A Serious Infectious Threat in a One Health Perspective. <i>Current Topics in Microbiology and Immunology</i> , 2021, 431, 1-23.	1.1	44
60	Composition of Intestinal Microbiota in Immune-Deficient Mice Kept in Three Different Housing Conditions. <i>PLoS ONE</i> , 2014, 9, e113406.	2.5	44
61	Myeloid differentiation factor-88 contributes to TLR9-mediated modulation of acute coxsackievirus B3-induced myocarditis in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H2024-H2031.	3.2	43
62	The impact of serine protease HtrA in apoptosis, intestinal immune responses and extra-intestinal histopathology during <i>Campylobacter jejuni</i> infection of infant mice. <i>Gut Pathogens</i> , 2014, 6, 16.	3.4	41
63	The IL-23/IL-22/IL-18 axis in murine <i>Campylobacter jejuni</i> infection. <i>Gut Pathogens</i> , 2016, 8, 21.	3.4	41
64	Intestinal and Systemic Immune Responses upon Multi-drug Resistant <i>Pseudomonas aeruginosa</i> Colonization of Mice Harboring a Human Gut Microbiota. <i>Frontiers in Microbiology</i> , 2017, 8, 2590.	3.5	41
65	The Role of IL-23, IL-22, and IL-18 in <i>Campylobacter Jejuni</i> Infection of Conventional Infant Mice. <i>European Journal of Microbiology and Immunology</i> , 2016, 6, 124-136.	2.8	38
66	Human campylobacteriosis. , 2017, , 1-25.		38
67	Commensal microbiota drive proliferation of conventional and Foxp3+Regulatory CD4+T cells in mesenteric lymph nodes and Peyer's patches. <i>European Journal of Microbiology and Immunology</i> , 2013, 3, 1-10.	2.8	37
68	Function of serine protease HtrA in the lifecycle of the foodborne pathogen <i>Campylobacter jejuni</i> . <i>European Journal of Microbiology and Immunology</i> , 2018, 8, 70-77.	2.8	35
69	Interleukin-7 Links T Lymphocyte and Intestinal Epithelial Cell Homeostasis. <i>PLoS ONE</i> , 2012, 7, e31939.	2.5	35
70	Intestinal microbiota changes in mice lacking pituitary adenylate cyclase activating polypeptide (PACAP) – bifidobacteria make the difference. <i>European Journal of Microbiology and Immunology</i> , 2017, 7, 187-199.	2.8	34
71	Curcumin Mitigates Immune-Induced Epithelial Barrier Dysfunction by <i>Campylobacter jejuni</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 4830.	4.1	34
72	Nucleotide-Oligomerization-Domain-2 Affects Commensal Gut Microbiota Composition and Intracerebral Immunopathology in Acute <i>Toxoplasma gondii</i> Induced Murine Ileitis. <i>PLoS ONE</i> , 2014, 9, e105120.	2.5	34

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73	Intestinal, extra-intestinal and systemic sequelae of <i>Toxoplasma gondii</i> induced acute ileitis in mice harboring a human gut microbiota. <i>PLoS ONE</i> , 2017, 12, e0176144.	2.5	34
74	The distinct roles of MMP-2 and MMP-9 in acute DSS colitis. <i>European Journal of Microbiology and Immunology</i> , 2011, 1, 302-310.	2.8	33
75	Primary sterile necrotic cells fail to cross-prime CD8 ⁺ T cells. <i>OncotImmunology</i> , 2012, 1, 1017-1026.	4.6	33
76	Anti-inflammatory effects of the octapeptide NAP in human microbiota-associated mice suffering from subacute ileitis. <i>European Journal of Microbiology and Immunology</i> , 2018, 8, 34-40.	2.8	32
77	Novel ADNP Syndrome Mice Reveal Dramatic Sex-Specific Peripheral Gene Expression With Brain Synaptic and Tau Pathologies. <i>Biological Psychiatry</i> , 2022, 92, 81-95.	1.3	32
78	NK cell-derived IL-10 is critical for DC-NK cell dialogue at the maternal-fetal interface. <i>Scientific Reports</i> , 2017, 7, 2189.	3.3	30
79	Peroral low-dose <i>Toxoplasma gondii</i> infection of human microbiota-associated mice – a subacute ileitis model to unravel pathogen–host interactions. <i>European Journal of Microbiology and Immunology</i> , 2018, 8, 53-61.	2.8	30
80	Compounds Blocking Methylglyoxal-induced Protein Modification and Brain Endothelial Injury. <i>Archives of Medical Research</i> , 2014, 45, 753-764.	3.3	29
81	Amelioration of intestinal and systemic sequelae of murine <i>Campylobacter jejuni</i> infection by probiotic VSL#3 treatment. <i>Gut Pathogens</i> , 2017, 9, 17.	3.4	29
82	Murine Fecal Microbiota Transplantation Alleviates Intestinal and Systemic Immune Responses in <i>Campylobacter jejuni</i> Infected Mice Harboring a Human Gut Microbiota. <i>Frontiers in Immunology</i> , 2019, 10, 2272.	4.8	29
83	Immunopathological properties of the <i>Campylobacter jejuni</i> flagellins and the adhesin CadF as assessed in a clinical murine infection model. <i>Gut Pathogens</i> , 2019, 11, 24.	3.4	29
84	The microbiota regulates murine inflammatory responses to toxin-induced CNS demyelination but has minimal impact on remyelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25311-25321.	7.1	29
85	<i>Campylobacter jejuni</i> induces extra-intestinal immune responses via toll-like-receptor-4 signaling in conventional IL-10 deficient mice with chronic colitis. <i>European Journal of Microbiology and Immunology</i> , 2012, 2, 210-219.	2.8	28
86	Changes of the intestinal microbiome–host homeostasis in HIV-infected individuals – a focus on the bacterial gut microbiome. <i>European Journal of Microbiology and Immunology</i> , 2017, 7, 158-167.	2.8	28
87	Carvacrol ameliorates acute campylobacteriosis in a clinical murine infection model. <i>Gut Pathogens</i> , 2020, 12, 2.	3.4	27
88	Murine infection models for the investigation of <i>Campylobacter jejuni</i> –host interactions and pathogenicity. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2015, 128, 98-103.	0.7	27
89	Multidrug-resistant <i>Pseudomonas aeruginosa</i> induce systemic pro-inflammatory immune responses in colonized mice. <i>European Journal of Microbiology and Immunology</i> , 2017, 7, 200-209.	2.8	26
90	Protease Activity of <i>Campylobacter jejuni</i> HtrA Modulates Distinct Intestinal and Systemic Immune Responses in Infected Secondary Abiotic IL-10 Deficient Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 79.	3.9	26

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91	Loss of Toll-like Receptor 2 and 4 Leads to Differential Induction of Endoplasmic Reticulum Stress and Proapoptotic Responses in the Intestinal Epithelium under Conditions of Chronic Inflammation. <i>Journal of Proteome Research</i> , 2009, 8, 4406-4417.	3.7	25
92	Colonic Expression of Genes Encoding Inflammatory Mediators and Gelatinases During <i>Campylobacter jejuni</i> Infection of Conventional Infant Mice. <i>European Journal of Microbiology and Immunology</i> , 2016, 6, 137-146.	2.8	25
93	Pituitary Adenylate Cyclase-Activating Polypeptideâ€”A Neuropeptide as Novel Treatment Option for Subacute Ileitis in Mice Harboring a Human Gut Microbiota. <i>Frontiers in Immunology</i> , 2019, 10, 554.	4.8	25
94	Vitamin C alleviates acute enterocolitis in <i>Campylobacter jejuni</i> infected mice. <i>Scientific Reports</i> , 2020, 10, 2921.	3.3	25
95	Vitamin D in Acute <i>Campylobacteriosis</i> â€”Results From an Intervention Study Applying a Clinical <i>Campylobacter jejuni</i> Induced Enterocolitis Model. <i>Frontiers in Immunology</i> , 2019, 10, 2094.	4.8	24
96	Antibacterial properties of capsaicin and its derivatives and their potential to fight antibiotic resistance â€” A literature survey. <i>European Journal of Microbiology and Immunology</i> , 2021, 11, 10-17.	2.8	24
97	The Human HNF-3 Genes: Cloning, Partial Sequence and Mutation Screening in Patients with Impaired Glucose Homeostasis. <i>Human Heredity</i> , 2000, 50, 370-381.	0.8	23
98	Comprehensive survey of intestinal microbiota changes in offspring of human microbiota associated mice. <i>European Journal of Microbiology and Immunology</i> , 2017, 7, 65-75.	2.8	23
99	Absence of Nucleotide-Oligomerization-Domain-2 Is Associated with Less Distinct Disease in <i>Campylobacter jejuni</i> Infected Secondary Abiotic IL-10 Deficient Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 322.	3.9	22
100	Multidrug-resistant <i>Pseudomonas aeruginosa</i> aggravates inflammatory responses in murine chronic colitis. <i>Scientific Reports</i> , 2018, 8, 6685.	3.3	22
101	HIF prolyl hydroxylase-2 inhibition diminishes tumor growth through matrix metalloproteinase-induced TGF β 2 activation. <i>Cancer Biology and Therapy</i> , 2012, 13, 216-223.	3.4	21
102	Toll-like receptor-4 differentially mediates intestinal and extra-intestinal immune responses upon multi-drug resistant <i>Pseudomonas aeruginosa</i> association of IL10 $^{-/-}$ mice with chronic colitis. <i>Gut Pathogens</i> , 2017, 9, 61.	3.4	21
103	Antibiotic-induced gut dysbiosis leads to activation of microglia and impairment of cholinergic gamma oscillations in the hippocampus. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 203-217.	4.1	21
104	Can microbiota transplantation abrogate murine colonization resistance against <i>Campylobacter jejuni</i> ?. <i>European Journal of Microbiology and Immunology</i> , 2013, 3, 36-43.	2.8	20
105	Antimicrobial and immune-modulatory effects of vitamin D provide promising antibiotics-independent approaches to tackle bacterial infections â€” lessons learnt from a literature survey. <i>European Journal of Microbiology and Immunology</i> , 2019, 9, 80-87.	2.8	20
106	Prevalence of <i>Clostridium difficile</i> Toxins A and B and <i>Clostridium perfringens</i> Enterotoxin A in Stool Samples of Patients with Antibioticâ€”Associated Diarrhea. <i>Infection</i> , 2005, 33, 340-344.	4.7	19
107	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. <i>PLoS ONE</i> , 2015, 10, e0131991.	2.5	19
108	Anti-Pathogenic and Immune-Modulatory Effects of Peroral Treatment with Cardamom Essential Oil in Acute Murine <i>Campylobacteriosis</i> . <i>Microorganisms</i> , 2021, 9, 169.	3.6	19

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109	Preclinical Evaluation of Oral Urolithin-A for the Treatment of Acute Campylobacteriosis in Campylobacter jejuni Infected Microbiota-Depleted IL-10 ^{-/-} Mice. <i>Pathogens</i> , 2021, 10, 7.	2.8	19
110	Saponins increase susceptibility of vancomycin-resistant enterococci to antibiotic compounds. <i>European Journal of Microbiology and Immunology</i> , 2014, 4, 204-212.	2.8	17
111	Survey of small intestinal and systemic immune responses following murine <i>Arcobacter butzleri</i> infection. <i>Gut Pathogens</i> , 2015, 7, 28.	3.4	17
112	Ventilator-induced lung injury is aggravated by antibiotic mediated microbiota depletion in mice. <i>Critical Care</i> , 2018, 22, 282.	5.8	17
113	Glycyrrhizic Acid Decreases Gentamicin-Resistance in Vancomycin-Resistant Enterococci. <i>Planta Medica</i> , 2016, 82, 1540-1545.	1.3	16
114	<i>Campylobacter concisus</i> Impairs Sodium Absorption in Colonic Epithelium via ENaC Dysfunction and Claudin-8 Disruption. <i>International Journal of Molecular Sciences</i> , 2020, 21, 373.	4.1	16
115	<i>Arcobacter butzleri</i> Induce Colonic, Extra-Intestinal and Systemic Inflammatory Responses in Gnotobiotic IL-10 Deficient Mice in a Strain-Dependent Manner. <i>PLoS ONE</i> , 2015, 10, e0139402.	2.5	15
116	Impact of the Gut Microbiota on Atorvastatin Mediated Effects on Blood Lipids. <i>Journal of Clinical Medicine</i> , 2020, 9, 1596.	2.4	15
117	Characterization of <i>Arcobacter</i> strains isolated from human stool samples: results from the prospective German prevalence study Arcopath. <i>Gut Pathogens</i> , 2020, 12, 3.	3.4	15
118	Murine Models for the Investigation of Colonization Resistance and Innate Immune Responses in <i>Campylobacter jejuni</i> Infections. <i>Current Topics in Microbiology and Immunology</i> , 2021, 431, 233-263.	1.1	15
119	<i>Campylobacter jejuni</i> infection of conventionally colonized mice lacking nucleotide-oligomerization-domain-2. <i>Gut Pathogens</i> , 2017, 9, 5.	3.4	14
120	ROR ^γ _t ⁺ Treg to Th17 ratios correlate with susceptibility to <i>Giardia</i> infection. <i>Scientific Reports</i> , 2019, 9, 20328.	3.3	14
121	Resveratrol Alleviates Acute <i>Campylobacter jejuni</i> Induced Enterocolitis in a Preclinical Murine Intervention Study. <i>Microorganisms</i> , 2020, 8, 1858.	3.6	14
122	Immune-modulatory Properties of the Octapeptide NAP in <i>Campylobacter jejuni</i> Infected Mice Suffering from Acute Enterocolitis. <i>Microorganisms</i> , 2020, 8, 802.	3.6	14
123	Transition from an autoimmune-prone state to fatal autoimmune disease in CCR7 and ROR ^γ _t double-deficient mice is dependent on gut microbiota. <i>Journal of Autoimmunity</i> , 2013, 47, 58-72.	6.5	13
124	Anastomotic stability and wound healing of colorectal anastomoses sealed and sutured with a collagen fleece in a rat peritonitis model. <i>Asian Journal of Surgery</i> , 2014, 37, 35-45.	0.4	13
125	The Immunopathogenic Potential of <i>Arcobacter butzleri</i> – Lessons from a Meta-Analysis of Murine Infection Studies. <i>PLoS ONE</i> , 2016, 11, e0159685.	2.5	13
126	Role of goblet cell protein CLCA1 in murine DSS colitis. <i>Journal of Inflammation</i> , 2016, 13, 5.	3.4	13

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127	Microbiota composition and immune responses during <i>Campylobacter jejuni</i> infection in conventionally colonized IL-10 ^{-/-} mice lacking nucleotide oligomerization domain 2. <i>European Journal of Microbiology and Immunology</i> , 2017, 7, 1-14.	2.8	13
128	Small intestinal pro-inflammatory immune responses following <i>Campylobacter jejuni</i> infection of secondary abiotic IL-10 ^{-/-} mice lacking nucleotide-oligomerization-domain-2. <i>European Journal of Microbiology and Immunology</i> , 2017, 7, 138-145.	2.8	13
129	A literature survey on antimicrobial and immune-modulatory effects of butyrate revealing non-antibiotic approaches to tackle bacterial infections. <i>European Journal of Microbiology and Immunology</i> , 2021, 11, 1-9.	2.8	13
130	Vitamin D Reverses Disruption of Gut Epithelial Barrier Function Caused by <i>Campylobacter jejuni</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 8872.	4.1	13
131	Interleukin-18 Mediates Immune Responses to <i>Campylobacter jejuni</i> Infection in Gnotobiotic Mice. <i>PLoS ONE</i> , 2016, 11, e0158020.	2.5	13
132	Anti-Inflammatory Properties of NAP in Acute <i>Toxoplasma gondii</i> -Induced Ileitis in Mice. <i>European Journal of Microbiology and Immunology</i> , 2015, 5, 210-220.	2.8	12
133	Toll-like receptor-4 dependent inflammatory responses following intestinal colonization of secondary abiotic IL10-deficient mice with multidrug-resistant <i>Pseudomonas aeruginosa</i> . <i>European Journal of Microbiology and Immunology</i> , 2017, 7, 210-219.	2.8	12
134	Microbiota changes associated with ADNP deficiencies: rapid indicators for NAP (CP201) treatment of the ADNP syndrome and beyond. <i>Journal of Neural Transmission</i> , 2020, 127, 251-263.	2.8	12
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