

Markus M Heimesaat

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/669617/publications.pdf>

Version: 2024-02-01

180
papers

9,963
citations

38660

50
h-index

42291

92
g-index

186
all docs

186
docs citations

186
times ranked

13086
citing authors

#	ARTICLE	IF	CITATIONS
1	Propionate attenuates atherosclerosis by immune-dependent regulation of intestinal cholesterol metabolism. <i>European Heart Journal</i> , 2022, 43, 518-533.	1.0	113
2	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.	0.7	32
3	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.	2.0	21
4	Antibacterial effects of biologically active ingredients in hop provide promising options to fight infections by pathogens including multi-drug resistant bacteria. <i>European Journal of Microbiology and Immunology</i> , 2022, 12, 22-30.	1.5	11
5	Absinthe against multi-drug resistant bacterial pathogens? A recent update on the antibacterial effects of Artemisia compounds. <i>European Journal of Microbiology and Immunology</i> , 2022, . .	1.5	1
6	Human Campylobacteriosis – A Serious Infectious Threat in a One Health Perspective. <i>Current Topics in Microbiology and Immunology</i> , 2021, 431, 1-23.	0.7	44
7	Anti-Pathogenic and Immune-Modulatory Effects of Peroral Treatment with Cardamom Essential Oil in Acute Murine Campylobacteriosis. <i>Microorganisms</i> , 2021, 9, 169.	1.6	19
8	Peroral Clove Essential Oil Treatment Ameliorates Acute Campylobacteriosis – Results from a Preclinical Murine Intervention Study. <i>Microorganisms</i> , 2021, 9, 735.	1.6	12
9	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.	1.5	13
10	Binary surrogate endpoints in clinical trials from the perspective of case definitions. <i>European Journal of Microbiology and Immunology</i> , 2021, 11, 18-22.	1.5	1
11	Antibacterial properties of capsaicin and its derivatives and their potential to fight antibiotic resistance – A literature survey. <i>European Journal of Microbiology and Immunology</i> , 2021, 11, 10-17.	1.5	24
12	Reprogramming Intestinal Epithelial Cell Polarity by Interleukin-22. <i>Frontiers in Medicine</i> , 2021, 8, 656047.	1.2	6
13	Fetal meconium does not have a detectable microbiota before birth. <i>Nature Microbiology</i> , 2021, 6, 865-873.	5.9	95
14	Survey of Pathogen-Lowering and Immuno-Modulatory Effects Upon Treatment of Campylobacter coli-Infected Secondary Abiotic IL-10 ^{−/−} Mice with the Probiotic Formulation Aviguard [®] . <i>Microorganisms</i> , 2021, 9, 1127.	1.6	7
15	Garlic Essential Oil as Promising Option for the Treatment of Acute Campylobacteriosis – Results from a Preclinical Placebo-Controlled Intervention Study. <i>Microorganisms</i> , 2021, 9, 1140.	1.6	9
16	The glycosyltransferase ST3GAL2 is regulated by miR-615-3p in the intestinal tract of Campylobacter jejuni infected mice. <i>Gut Pathogens</i> , 2021, 13, 42.	1.6	5
17	Disease-Alleviating Effects of Peroral Activated Charcoal Treatment in Acute Murine Campylobacteriosis. <i>Microorganisms</i> , 2021, 9, 1424.	1.6	8
18	Treatment with the Probiotic Product Aviguard [®] Alleviates Inflammatory Responses during Campylobacter jejuni-Induced Acute Enterocolitis in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6683.	1.8	3

#	ARTICLE	IF	CITATIONS
19	Immune-Modulatory Effects upon Oral Application of Cumin-Essential-Oil to Mice Suffering from Acute Campylobacteriosis. <i>Pathogens</i> , 2021, 10, 818.	1.2	9
20	A review of the antimicrobial and immune-modulatory properties of the gut microbiota-derived short chain fatty acid propionate – What is new?. <i>European Journal of Microbiology and Immunology</i> , 2021, 11, 50-56.	1.5	12
21	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.	1.8	13
22	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.	0.7	15
23	Galanin receptor 3 attenuates inflammation and influences the gut microbiota in an experimental murine colitis model. <i>Scientific Reports</i> , 2021, 11, 564.	1.6	9
24	Preclinical Evaluation of Oral Urolithin-A for the Treatment of Acute <i>Campylobacteriosis</i> in <i>Campylobacter jejuni</i> Infected Microbiota-Depleted IL-10 ^{-/-} Mice. <i>Pathogens</i> , 2021, 10, 7.	1.2	19
25	Over-celling fetal microbial exposure. <i>Cell</i> , 2021, 184, 5839-5841.	13.5	10
26	Inflammatory Immune Responses and Gut Microbiota Changes Following <i>Campylobacter coli</i> Infection of IL-10 ^{-/-} Mice with Chronic Colitis. <i>Pathogens</i> , 2020, 9, 560.	1.2	4
27	Toll-Like Receptor-4 Is Involved in Mediating Intestinal and Extra-Intestinal Inflammation in <i>Campylobacter coli</i> -Infected Secondary Abiotic IL-10 ^{-/-} Mice. <i>Microorganisms</i> , 2020, 8, 1882.	1.6	7
28	The Host-Specific Intestinal Microbiota Composition Impacts <i>Campylobacter coli</i> Infection in a Clinical Mouse Model of <i>Campylobacteriosis</i> . <i>Pathogens</i> , 2020, 9, 804.	1.2	4
29	Resveratrol Alleviates Acute <i>Campylobacter jejuni</i> Induced Enterocolitis in a Preclinical Murine Intervention Study. <i>Microorganisms</i> , 2020, 8, 1858.	1.6	14
30	Pituitary Adenylate Cyclase-Activating Polypeptide Alleviates Intestinal, Extra-Intestinal and Systemic Inflammatory Responses during Acute <i>Campylobacter jejuni</i> -induced Enterocolitis in Mice. <i>Pathogens</i> , 2020, 9, 805.	1.2	11
31	Impact of the Gut Microbiota on Atorvastatin Mediated Effects on Blood Lipids. <i>Journal of Clinical Medicine</i> , 2020, 9, 1596.	1.0	15
32	Immune-modulatory Properties of the Octapeptide NAP in <i>Campylobacter jejuni</i> Infected Mice Suffering from Acute Enterocolitis. <i>Microorganisms</i> , 2020, 8, 802.	1.6	14
33	Peptidase PepP is a novel virulence factor of <i>Campylobacter jejuni</i> contributing to murine campylobacteriosis. <i>Gut Microbes</i> , 2020, 12, 1770017.	4.3	9
34	Antibiotic use during pregnancy increases offspring asthma severity in a dose-dependent manner. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1979-1990.	2.7	49
35	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.	1.4	12
36	Vitamin C alleviates acute enterocolitis in <i>Campylobacter jejuni</i> infected mice. <i>Scientific Reports</i> , 2020, 10, 2921.	1.6	25

#	ARTICLE	IF	CITATIONS
37	Campylobacter concisus Impairs Sodium Absorption in Colonic Epithelium via ENaC Dysfunction and Claudin-8 Disruption. International Journal of Molecular Sciences, 2020, 21, 373.	1.8	16
38	Carvacrol ameliorates acute campylobacteriosis in a clinical murine infection model. Gut Pathogens, 2020, 12, 2.	1.6	27
39	Characterization of Arcobacter strains isolated from human stool samples: results from the prospective German prevalence study Arcopath. Gut Pathogens, 2020, 12, 3.	1.6	15
40	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.	1.6	52
41	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.	1.6	10
42	The conundrum of colonization resistance against Campylobacter reloaded: The gut microbiota composition in conventional mice does not prevent from Campylobacter coli infection. European Journal of Microbiology and Immunology, 2020, 10, 80-90.	1.5	7
43	Microbiota composition and inflammatory immune responses upon peroral application of the commercial competitive exclusion product Aviguard® to microbiota-depleted wildtype mice. European Journal of Microbiology and Immunology, 2020, 10, 139-146.	1.5	1
44	Review of therapeutic options for infections with carbapenem-resistant Klebsiella pneumoniae. European Journal of Microbiology and Immunology, 2020, 10, 115-124.	1.5	9
45	Evaluation of the Xiamen AmonMed Biotechnology rapid diagnostic test COVID-19 IgM/IgG test kit (Colloidal gold). European Journal of Microbiology and Immunology, 2020, 10, 178-185.	1.5	5
46	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.	1.2	10
47	Vitamin E as promising adjunct treatment option in the combat of infectious diseases caused by bacterial including multi-drug resistant pathogens – Results from a comprehensive literature survey. European Journal of Microbiology and Immunology, 2020, 10, 193-201.	1.5	12
48	Chronic otitis media following infection by non-O1/non-O139 Vibrio cholerae: A case report and review of the literature. European Journal of Microbiology and Immunology, 2020, 10, 186-191.	1.5	3
49	Synergistic antimicrobial effects of Cefabronchin®. European Journal of Microbiology and Immunology, 2019, 9, 100-104.	1.5	1
50	Antimicrobial and immune-modulatory effects of vitamin D provide promising antibiotics-independent approaches to tackle bacterial infections – lessons learnt from a literature survey. European Journal of Microbiology and Immunology, 2019, 9, 80-87.	1.5	20
51	Immunomodulatory and antimicrobial effects of vitamin C. European Journal of Microbiology and Immunology, 2019, 9, 73-79.	1.5	148
52	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.	1.8	7
53	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.	2.2	29
54	Vitamin D in Acute Campylobacteriosis – Results From an Intervention Study Applying a Clinical Campylobacter jejuni Induced Enterocolitis Model. Frontiers in Immunology, 2019, 10, 2094.	2.2	24

#	ARTICLE	IF	CITATIONS
55	Curcumin Mitigates Immune-Induced Epithelial Barrier Dysfunction by <i>Campylobacter jejuni</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 4830.	1.8	34
56	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.	1.6	29
57	Immunomodulatory Effects of the Neuropeptide Pituitary Adenylate Cyclase-Activating Polypeptide in Acute Toxoplasmosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 154.	1.8	10
58	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.	1.8	26
59	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.	2.2	25
60	Fecal microbiota transplantation decreases intestinal loads of multi-drug resistant <i>Pseudomonas aeruginosa</i> in murine carriers. <i>European Journal of Microbiology and Immunology</i> , 2019, 9, 14-22.	1.5	7
61	Multidrug-Resistant <i>Pseudomonas aeruginosa</i> Accelerate Intestinal, Extra-Intestinal, and Systemic Inflammatory Responses in Human Microbiota-Associated Mice With Subacute Ileitis. <i>Frontiers in Immunology</i> , 2019, 10, 49.	2.2	11
62	Murine fecal microbiota transplantation lowers gastrointestinal pathogen loads and dampens pro-inflammatory immune responses in <i>Campylobacter jejuni</i> infected secondary abiotic mice. <i>Scientific Reports</i> , 2019, 9, 19797.	1.6	11
63	ROR γ ⁺ Treg to Th17 ratios correlate with susceptibility to <i>Giardia</i> infection. <i>Scientific Reports</i> , 2019, 9, 20328.	1.6	14
64	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.	3.3	29
65	The octapeptide NAP alleviates intestinal and extra-intestinal anti-inflammatory sequelae of acute experimental colitis. <i>Peptides</i> , 2018, 101, 1-9.	1.2	60
66	Peroral low-dose <i>Toxoplasma gondii</i> infection of human microbiota-associated mice â€” a subacute ileitis model to unravel pathogenâ€”host interactions. <i>European Journal of Microbiology and Immunology</i> , 2018, 8, 53-61.	1.5	30
67	Multidrug-resistant <i>Pseudomonas aeruginosa</i> aggravates inflammatory responses in murine chronic colitis. <i>Scientific Reports</i> , 2018, 8, 6685.	1.6	22
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.	1.5	35
69	Ventilator-induced lung injury is aggravated by antibiotic mediated microbiota depletion in mice. <i>Critical Care</i> , 2018, 22, 282.	2.5	17
70	Gut Microbiotaâ€”Dependent Trimethylamine N-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.	1.1	219
71	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.	1.5	32
72	Antibiotic treatmentâ€”induced secondary IgA deficiency enhances susceptibility to <i>Pseudomonas aeruginosa</i> pneumonia. <i>Journal of Clinical Investigation</i> , 2018, 128, 3535-3545.	3.9	75

#	ARTICLE	IF	CITATIONS
73	Acute ileitis facilitates infection with multidrug resistant <i>Pseudomonas aeruginosa</i> in human microbiota-associated mice. <i>Gut Pathogens</i> , 2017, 9, 4.	1.6	46
74	Finding novel antibiotic substances from medicinal plants – Antimicrobial properties of <i>Nigella sativa</i> directed against multidrug resistant bacteria. <i>European Journal of Microbiology and Immunology</i> , 2017, 7, 92-98.	1.5	49
75	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.	1.5	13
76	NK cell-derived IL-10 is critical for DC-NK cell dialogue at the maternal-fetal interface. <i>Scientific Reports</i> , 2017, 7, 2189.	1.6	30
77	<i>Lactobacillus johnsonii</i> ameliorates intestinal, extra-intestinal and systemic pro-inflammatory immune responses following murine <i>Campylobacter jejuni</i> infection. <i>Scientific Reports</i> , 2017, 7, 2138.	1.6	60
78	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.	1.5	23
79	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.	1.5	28
80	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.	1.5	34
81	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.	1.5	26
82	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.	1.5	12
83	NOD2 (Nucleotide-Binding Oligomerization Domain 2) Is a Major Pathogenic Mediator of Coxsackievirus B3-Induced Myocarditis. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	60
84	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.	1.5	13
85	<i>Campylobacter jejuni</i> infection of conventionally colonized mice lacking nucleotide-oligomerization-domain-2. <i>Gut Pathogens</i> , 2017, 9, 5.	1.6	14
86	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.	1.6	29
87	Immune responses upon <i>Campylobacter jejuni</i> infection of secondary abiotic mice lacking nucleotide-oligomerization-domain-2. <i>Gut Pathogens</i> , 2017, 9, 33.	1.6	5
88	The Probiotic Compound VSL#3 Modulates Mucosal, Peripheral, and Systemic Immunity Following Murine Broad-Spectrum Antibiotic Treatment. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 167.	1.8	51
89	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.	1.8	22
90	Immune Responses to Broad-Spectrum Antibiotic Treatment and Fecal Microbiota Transplantation in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 397.	2.2	122

#	ARTICLE	IF	CITATIONS
91	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.	1.5	45
92	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.	1.5	41
93	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.	1.6	21
94	Human campylobacteriosis. , 2017, , 1-25.		38
95	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.	1.1	34
96	Toll-like receptor-4 dependent intestinal gene expression during <i>Arcobacter butzleri</i> infection of gnotobiotic IL-10 deficient mice. <i>European Journal of Microbiology and Immunology</i> , 2016, 6, 67-80.	1.5	5
97	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.	1.5	25
98	The Immunopathogenic Potential of <i>Arcobacter butzleri</i> – Lessons from a Meta-Analysis of Murine Infection Studies. <i>PLoS ONE</i> , 2016, 11, e0159685.	1.1	13
99	The IL-23/IL-22/IL-18 axis in murine <i>Campylobacter jejuni</i> infection. <i>Gut Pathogens</i> , 2016, 8, 21.	1.6	41
100	Intestinal expression of genes encoding inflammatory mediators and gelatinases during <i>Arcobacter butzleri</i> infection of gnotobiotic IL-10 deficient mice. <i>European Journal of Microbiology and Immunology</i> , 2016, 6, 56-66.	1.5	9
101	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.	1.5	38
102	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.	1.5	142
103	Ly6Chi Monocytes Provide a Link between Antibiotic-Induced Changes in Gut Microbiota and Adult Hippocampal Neurogenesis. <i>Cell Reports</i> , 2016, 15, 1945-1956.	2.9	358
104	Depletion of Cultivable Gut Microbiota by Broad-Spectrum Antibiotic Pretreatment Worsens Outcome After Murine Stroke. <i>Stroke</i> , 2016, 47, 1354-1363.	1.0	168
105	Glycyrrhizic Acid Decreases Gentamicin-Resistance in Vancomycin-Resistant Enterococci. <i>Planta Medica</i> , 2016, 82, 1540-1545.	0.7	16
106	Regulatory T Cell Specificity Directs Tolerance versus Allergy against Aeroantigens in Humans. <i>Cell</i> , 2016, 167, 1067-1078.e16.	13.5	253
107	Role of goblet cell protein CLCA1 in murine DSS colitis. <i>Journal of Inflammation</i> , 2016, 13, 5.	1.5	13
108	Protective Intestinal Effects of Pituitary Adenylate Cyclase Activating Polypeptide. <i>Current Topics in Neurotoxicity</i> , 2016, , 271-288.	0.4	10

#	ARTICLE	IF	CITATIONS
109	Interleukin-18 Mediates Immune Responses to <i>Campylobacter jejuni</i> Infection in Gnotobiotic Mice. <i>PLoS ONE</i> , 2016, 11, e0158020.	1.1	13
110	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.	1.5	12
111	Matrix Metalloproteinase-2 Mediates Intestinal Immunopathogenesis in <i>Campylobacter jejuni</i> -infected infant mice. <i>European Journal of Microbiology and Immunology</i> , 2015, 5, 188-198.	1.5	56
112	Toll-like receptor-4 dependent small intestinal immune responses following murine <i>Arcobacter butzleri</i> infection. <i>European Journal of Microbiology and Immunology</i> , 2015, 5, 333-342.	1.5	8
113	The role of gelatinases in <i>Campylobacter jejuni</i> infection of gnotobiotic mice. <i>European Journal of Microbiology and Immunology</i> , 2015, 5, 256-267.	1.5	68
114	Toll-like receptor-4 is essential for <i>Arcobacter butzleri</i> -induced colonic and systemic immune responses in gnotobiotic IL-10 ^{-/-} mice. <i>European Journal of Microbiology and Immunology</i> , 2015, 5, 321-332.	1.5	6
115	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.	1.1	19
116	<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.	1.1	15
117	Interleukin-22 Induces Interleukin-18 Expression from Epithelial Cells during Intestinal Infection. <i>Immunity</i> , 2015, 42, 321-331.	6.6	162
118	Ly6Chigh Monocytes Control Cerebral Toxoplasmosis. <i>Journal of Immunology</i> , 2015, 194, 3223-3235.	0.4	99
119	Survey of small intestinal and systemic immune responses following murine <i>Arcobacter butzleri</i> infection. <i>Gut Pathogens</i> , 2015, 7, 28.	1.6	17
120	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
121	Impact of <i>Campylobacter jejuni</i> cj0268c Knockout Mutation on Intestinal Colonization, Translocation, and Induction of Immunopathology in Gnotobiotic IL-10 Deficient Mice. <i>PLoS ONE</i> , 2014, 9, e90148.	1.1	57
122	<i>Helicobacter pylori</i> Induced Gastric Immunopathology Is Associated with Distinct Microbiota Changes in the Large Intestines of Long-Term Infected Mongolian Gerbils. <i>PLoS ONE</i> , 2014, 9, e100362.	1.1	69
123	Pituitary Adenylate Cyclase-Activating Polypeptide Ameliorates Experimental Acute Ileitis and Extra-Intestinal Sequelae. <i>PLoS ONE</i> , 2014, 9, e108389.	1.1	45
124	The role of serine protease HtrA in acute ulcerative enterocolitis and extra-intestinal immune responses during <i>Campylobacter jejuni</i> infection of gnotobiotic IL-10 deficient mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 77.	1.8	99
125	Compounds Blocking Methylglyoxal-induced Protein Modification and Brain Endothelial Injury. <i>Archives of Medical Research</i> , 2014, 45, 753-764.	1.5	29
126	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.	0.2	13

#	ARTICLE	IF	CITATIONS
127	Role of Blimp-1 in programming Th effector cells into IL-10 producers. <i>Journal of Experimental Medicine</i> , 2014, 211, 1807-1819.	4.2	161
128	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.	1.6	41
129	The impact of Toll-like-receptor-9 on intestinal microbiota composition and extra-intestinal sequelae in experimental <i>Toxoplasma gondii</i> induced ileitis. <i>Gut Pathogens</i> , 2014, 6, 19.	1.6	54
130	Saponins increase susceptibility of vancomycin-resistant enterococci to antibiotic compounds. <i>European Journal of Microbiology and Immunology</i> , 2014, 4, 204-212.	1.5	17
131	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.	1.1	34
132	Composition of Intestinal Microbiota in Immune-Deficient Mice Kept in Three Different Housing Conditions. <i>PLoS ONE</i> , 2014, 9, e113406.	1.1	44
133	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
134	Transition from an autoimmune-prone state to fatal autoimmune disease in CCR7 and ROR γ ^{3t} double-deficient mice is dependent on gut microbiota. <i>Journal of Autoimmunity</i> , 2013, 47, 58-72.	3.0	13
135	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.	1.5	37
136	Impact of metal ion homeostasis of genetically modified <i>Escherichia coli</i> Nissle 1917 and K12 (W3110) strains on colonization properties in the murine intestinal tract. <i>European Journal of Microbiology and Immunology</i> , 2013, 3, 229-235.	1.5	2
137	Inhibition of <i>Helicobacter pylori</i> urease activity in vivo by the synthetic nickel binding protein Hpn. <i>European Journal of Microbiology and Immunology</i> , 2013, 3, 77-80.	1.5	2
138	Colonization resistance against genetically modified <i>Escherichia coli</i> K12 (W3110) strains is abrogated following broad-spectrum antibiotic treatment and acute ileitis. <i>European Journal of Microbiology and Immunology</i> , 2013, 3, 222-228.	1.5	4
139	Can microbiota transplantation abrogate murine colonization resistance against <i>Campylobacter jejuni</i> ?. <i>European Journal of Microbiology and Immunology</i> , 2013, 3, 36-43.	1.5	20
140	Regulation and Migratory Role of P-Selectin Ligands during Intestinal Inflammation. <i>PLoS ONE</i> , 2013, 8, e62055.	1.1	4
141	Small Intestinal Nematode Infection of Mice Is Associated with Increased Enterobacterial Loads alongside the Intestinal Tract. <i>PLoS ONE</i> , 2013, 8, e74026.	1.1	159
142	Modification of Intestinal Microbiota and Its Consequences for Innate Immune Response in the Pathogenesis of <i>Campylobacteriosis</i> . <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-10.	3.3	108
143	Survey of extra-intestinal immune responses in asymptomatic long-term <i>Campylobacter jejuni</i> -infected mice. <i>European Journal of Microbiology and Immunology</i> , 2013, 3, 174-182.	1.5	48
144	The <i>Campylobacter jejuni</i> Cj0268c Protein Is Required for Adhesion and Invasion In Vitro. <i>PLoS ONE</i> , 2013, 8, e81069.	1.1	12

#	ARTICLE	IF	CITATIONS
145	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.	1.5	21
146	Primary sterile necrotic cells fail to cross-prime CD8 ⁺ T cells. <i>Oncolmmunology</i> , 2012, 1, 1017-1026.	2.1	33
147	<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.	1.5	28
148	The synthetic hydroxyproline-containing collagen analogue (Gly-Pro-Hyp) ₁₀ ameliorates acute DSS colitis. <i>European Journal of Microbiology and Immunology</i> , 2012, 2, 192-200.	1.5	5
149	Editorial. <i>European Journal of Microbiology and Immunology</i> , 2012, 2, 259-259.	1.5	0
150	<i>Campylobacter jejuni</i> Induces Acute Enterocolitis in Gnotobiotic IL-10 ^{-/-} Mice via Toll-Like-Receptor-2 and -4 Signaling. <i>PLoS ONE</i> , 2012, 7, e40761.	1.1	126
151	<i>Campylobacter jejuni</i> infection of infant mice: Acute enterocolitis is followed by asymptomatic intestinal and extra-intestinal immune responses. <i>European Journal of Microbiology and Immunology</i> , 2012, 2, 2-11.	1.5	63
152	Interleukin-7 Links T Lymphocyte and Intestinal Epithelial Cell Homeostasis. <i>PLoS ONE</i> , 2012, 7, e31939.	1.1	35
153	Intestinal Microbiota Shifts towards Elevated Commensal <i>Escherichia coli</i> Loads Abrogate Colonization Resistance against <i>Campylobacter jejuni</i> in Mice. <i>PLoS ONE</i> , 2012, 7, e35988.	1.1	130
154	Comprehensive Postmortem Analyses of Intestinal Microbiota Changes and Bacterial Translocation in Human Flora Associated Mice. <i>PLoS ONE</i> , 2012, 7, e40758.	1.1	67
155	Immunology of <i>Toxoplasma gondii</i> . <i>Immunological Reviews</i> , 2011, 240, 269-285.	2.8	233
156	SDS-coated atovaquone nanosuspensions show improved therapeutic efficacy against experimental acquired and reactivated toxoplasmosis by improving passage of gastrointestinal and blood-brain barriers. <i>Journal of Drug Targeting</i> , 2011, 19, 114-124.	2.1	53
157	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
158	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.	1.5	33
159	TRIF Is a Critical Survival Factor in Viral Cardiomyopathy. <i>Journal of Immunology</i> , 2011, 186, 2561-2570.	0.4	71
160	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.	0.4	222
161	Novel Murine Infection Models Provide Deep Insights into the Pathogenesis of <i>Campylobacter jejuni</i> , Microbiota and Host Innate Immunity. <i>PLoS ONE</i> , 2011, 6, e20953.	1.1	245
162	Anti-Inflammatory Effects of Resveratrol, Curcumin and Simvastatin in Acute Small Intestinal Inflammation. <i>PLoS ONE</i> , 2010, 5, e15099.	1.1	244

#	ARTICLE	IF	CITATIONS
163	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.	6.1	229
164	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.	1.5	43
165	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.	1.1	112
166	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.	4.2	262
167	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.	1.8	25
168	Toll-like receptor and IL-12 signaling control susceptibility to contact hypersensitivity. <i>Journal of Experimental Medicine</i> , 2008, 205, 2151-2162.	4.2	195
169	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.	0.4	112
170	Nucleotide Oligomerization Domains 1 and 2: Regulation of Expression and Function in Preadipocytes. <i>Journal of Immunology</i> , 2008, 181, 3620-3627.	0.4	47
171	Toll-like receptor4 deficiency attenuates doxorubicin-induced cardiomyopathy in mice. <i>European Journal of Heart Failure</i> , 2008, 10, 233-243.	2.9	136
172	CCR7 deficiency causes ectopic lymphoid neogenesis and disturbed mucosal tissue integrity. <i>Blood</i> , 2007, 109, 886-895.	0.6	54
173	Aggravation of Different Types of Experimental Colitis by Depletion or Adhesion Blockade of Neutrophils. <i>Gastroenterology</i> , 2007, 133, 1882-1892.	0.6	156
174	Shift Towards Pro-inflammatory Intestinal Bacteria Aggravates Acute Murine Colitis via Toll-like Receptors 2 and 4. <i>PLoS ONE</i> , 2007, 2, e662.	1.1	200
175	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.	0.4	355
176	Prevalence of <i>Clostridium difficile</i> Toxins A and B and <i>Clostridium perfringens</i> Enterotoxin A in Stool Samples of Patients with Antibiotic-Associated Diarrhea. <i>Infection</i> , 2005, 33, 340-344.	2.3	19
177	Atovaquone Maintenance Therapy Prevents Reactivation of Toxoplasmic Encephalitis in a Murine Model of Reactivated Toxoplasmosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 4848-4854.	1.4	63
178	Profound defects in pancreatic β -cell function in mice with combined heterozygous mutations in <i>Pdx-1</i> , <i>Hnf-1α</i> , and <i>Hnf-3β</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3818-3823.	3.3	90
179	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.	1.8	515
180	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.	0.4	23