Martin Schwarzer

List of Publications by Year
in descending order

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39	2,653	236833	315616
papers	citations	25 h-index	38 g-index

45	45	45	4293
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Viability Status-Dependent Effect of Bifidobacterium longum ssp. longum CCM 7952 on Prevention of Allergic Inflammation in Mouse Model. Frontiers in Immunology, 2021, 12, 707728.	2.2	10
2	Editorial: Employing Experimental Gnotobiotic Models to Decipher the Host-Microbiota Cross-Talk in Health and Disease. Frontiers in Immunology, 2021, 12, 729052.	2.2	0
3	A standardized gnotobiotic mouse model harboring a minimal 15-member mouse gut microbiota recapitulates SOPF/SPF phenotypes. Nature Communications, 2021, 12, 6686.	5.8	23
4	Overview of in vivo and ex vivo endpoints in murine food allergy models: Suitable for evaluation of the sensitizing capacity of novel proteins?. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 289-301.	2.7	28
5	Bifidobacteria cell wall-derived exo-polysaccharides, lipoteichoic acids, peptidoglycans, polar lipids and proteins â€“ their chemical structure and biological attributes. International Journal of Biological Macromolecules, 2020, 147, 333-349.	3.6	45
6	Probiotic from human breast milk, Lactobacillus fermentum, promotes growth in animal model of chronic malnutrition. Pediatric Research, 2020, 88, 374-381.	1.1	7
7	Pre- and Neonatal Imprinting on Immunological Homeostasis and Epithelial Barrier Integrity by Escherichia coli Nissle 1917 Prevents Allergic Poly-Sensitization in Mice. Frontiers in Immunology, 2020, 11, 612775.	2.2	5
8	Germ-Free Mice Exhibit Mast Cells With Impaired Functionality and Gut Homing and Do Not Develop Food Allergy. Frontiers in Immunology, 2019, 10, 205.	2.2	43
9	Reproducible Colonization of Germ-Free Mice With the Oligo-Mouse-Microbiota in Different Animal Facilities. Frontiers in Microbiology, 2019, 10, 2999.	1.5	68
10	Targeting the Gut Microbiota in Metabolic Disorders and Juvenile Growth. , 2019, , 441-462.		0
11	Gut microbiota. Current Opinion in Clinical Nutrition and Metabolic Care, 2018, 21, 179-183.	1.3	12
12	Drosophila Perpetuates Nutritional Mutualism by Promoting the Fitness of Its Intestinal Symbiont Lactobacillus plantarum. Cell Metabolism, 2018, 27, 362-377.e8.	7.2	114
13	Gut Microbiota and Host Juvenile Growth. Calcified Tissue International, 2018, 102, 387-405.	1.5	40
14	40 YEARS OF IGF1: The emerging connections between IGF1, the intestinal microbiome, Lactobacillus strains and bone growth. Journal of Molecular Endocrinology, 2018, 61, T103-T113.	1.1	21
15	Integrative Physiology: At the Crossroads of Nutrition, Microbiota, Animal Physiology, and Human Health. Cell Metabolism, 2017, 25, 522-534.	7.2	108
16	Polysaccharides L900/2 and L900/3 isolated from Lactobacillus rhamnosus <scp>LOCK</scp> 0900 modulate allergic sensitization to ovalbumin in a mouse model. Microbial Biotechnology, 2017, 10, 586-593.	2.0	17
17	D-Alanylation of teichoic acids contributes to Lactobacillus plantarum-mediated Drosophila growth during chronic undernutrition. Nature Microbiology, 2017, 2, 1635-1647.	5.9	77
18	Diet Matters: Endotoxin in the Diet Impacts the Level of Allergic Sensitization in Germ-Free Mice. PLoS ONE, 2017, 12, e0167786.	1.1	30

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19	Immunoreactive Proteins of Bifidobacterium longum ssp. longum CCM 7952 and Bifidobacterium longum ssp. longum CCDM 372 Identified by Gnotobiotic Mono-Colonized Mice Sera, Immune Rabbit Sera and Non-immune Human Sera. Frontiers in Microbiology, 2016, 7, 1537.	1.5	9
20	Chemical characterization and immunomodulatory properties of polysaccharides isolated from probioticLactobacillus caseiLOCK 0919. Glycobiology, 2016, 26, 1014-1024.	1.3	31
21	Identification of Lactobacillus proteins with different recognition patterns between immune rabbit sera and nonimmune mice or human sera. BMC Microbiology, 2016, 16, 17.	1.3	10
22	Colonization of germ-free mice with a mixture of three lactobacillus strains enhances the integrity of gut mucosa and ameliorates allergic sensitization. Cellular and Molecular Immunology, 2016, 13, 251-262.	4.8	125
23	Lactobacillus plantarum strain maintains growth of infant mice during chronic undernutrition. Science, 2016, 351, 854-857.	6.0	470
24	Bordetella pertussis filamentous hemagglutinin itself does not trigger anti-inflammatory interleukin-10 production by human dendritic cells. International Journal of Medical Microbiology, 2016, 306, 38-47.	1.5	12
25	Development of gut inflammation in mice colonized with mucosa-associated bacteria from patients with ulcerative colitis. Gut Pathogens, 2015, 7, 32.	1.6	43
26	Faecalibacterium prausnitzii Strain HTF-F and Its Extracellular Polymeric Matrix Attenuate Clinical Parameters in DSS-Induced Colitis. PLoS ONE, 2015, 10, e0123013.	1.1	115
27	The Role of Alveolar Epithelial Type II-Like Cells in Uptake of Structurally Different Antigens and in Polarisation of Local Immune Responses. PLoS ONE, 2015, 10, e0124777.	1.1	6
28	Bifidobacterium longum CCM 7952 Promotes Epithelial Barrier Function and Prevents Acute DSS-Induced Colitis in Strictly Strain-Specific Manner. PLoS ONE, 2015, 10, e0134050.	1.1	140
29	Distinct Immunomodulation of Bone Marrow-Derived Dendritic Cell Responses to Lactobacillus plantarum WCFS1 by Two Different Polysaccharides Isolated from Lactobacillus rhamnosus LOCK 0900. Applied and Environmental Microbiology, 2014, 80, 6506-6516.	1.4	41
30	Neonatal colonization of germ-free mice with Bifidobacterium longum prevents allergic sensitization to major birch pollen allergen Bet v 1. Vaccine, 2013, 31, 5405-5412.	1.7	36
31	Protective effect of Clostridium tyrobutyricum in acute dextran sodium sulphate-induced colitis: differential regulation of tumour necrosis factor-Î± and interleukin-18 in BALB/c and severe combined immunodeficiency mice. Clinical and Experimental Immunology, 2012, 167, 356-365.	1.1	44
32	Heat-Induced Structural Changes Affect OVA-Antigen Processing and Reduce Allergic Response in Mouse Model of Food Allergy. PLoS ONE, 2012, 7, e37156.	1.1	42
33	Efficiency of PCR-based methods in discriminating Bifidobacterium longum ssp. longum and Bifidobacterium longum ssp. infantis strains of human origin. Journal of Microbiological Methods, 2011, 87, 10-16.	0.7	28
34	Neonatal colonization of mice with Lactobacillus plantarum producing the aeroallergen Bet v 1 biases towards Th1 and T-regulatory responses upon systemic sensitization. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 368-375.	2.7	43
35	The role of gut microbiota (commensal bacteria) and the mucosal barrier in the pathogenesis of inflammatory and autoimmune diseases and cancer: contribution of germ-free and gnotobiotic animal models of human diseases. Cellular and Molecular Immunology, 2011, 8, 110-120.	4.8	594
36	Impact of heat-inactivated Lactobacillus casei and Lactobacillus paracasei strains on cytokine responses in whole blood cell cultures of children with atopic dermatitis. Folia Microbiologica, 2010, 55, 277-280.	1.1	26

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37	Absence of Microbiota (Germ-Free Conditions) Accelerates the Atherosclerosis in ApoE-Deficient Mice Fed Standard Low Cholesterol Diet. Journal of Atherosclerosis and Thrombosis, 2010, 17, 796-804.	0.9	135
38	Probiotic Lactobacillus strains: in vitro and in vivo studies. Folia Microbiologica, 2009, 54, 533-537.	1.1	40
39	Effect of nonpathogenic Escherichia coli monoassociation on small intestinal brush-border glycoconjugate moieties and cytokine production after colonization in ex-germ-free rats and pigs. International Journal of Interferon, Cytokine and Mediator Research, 0, , 73.	1.1	1