Franziska Faber

List of Publications by Year
in descending order

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24 papers	2,541 citations	516710 16 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	3969 citing authors

#	Article	IF	Citations
1	Microbiota-activated PPAR-Î³ signaling inhibits dysbiotic Enterobacteriaceae expansion. Science, 2017, 357, 570-575.	12.6	796
2	Depletion of Butyrate-Producing Clostridia from the Gut Microbiota Drives an Aerobic Luminal Expansion of Salmonella. Cell Host and Microbe, 2016, 19, 443-454.	11.0	600
3	Commensal Enterobacteriaceae Protect against Salmonella Colonization through Oxygen Competition. Cell Host and Microbe, 2019, 25, 128-139.e5.	11.0	159
4	Endogenous Enterobacteriaceae underlie variation in susceptibility to Salmonella infection. Nature Microbiology, 2019, 4, 1057-1064.	13.3	141
5	Respiration of Microbiota-Derived 1,2-propanediol Drives Salmonella Expansion during Colitis. PLoS Pathogens, 2017, 13, e1006129.	4.7	139
6	Host-mediated sugar oxidation promotes post-antibiotic pathogen expansion. Nature, 2016, 534, 697-699.	27.8	132
7	Surface-associated motility, a common trait of clinical isolates of Acinetobacter baumannii, depends on 1,3-diaminopropane. International Journal of Medical Microbiology, 2012, 302, 117-128.	3.6	82
8	The impact of intestinal inflammation on the nutritional environment of the gut microbiota. Immunology Letters, 2014, 162, 48-53.	2.5	71
9	Inflammation-associated alterations to the intestinal microbiota reduce colonization resistance against non-typhoidal Salmonella during concurrent malaria parasite infection. Scientific Reports, 2015, 5, 14603.	3.3	65
10	Genetic Ablation of Butyrate Utilization Attenuates Gastrointestinal Salmonella Disease. Cell Host and Microbe, 2018, 23, 266-273.e4.	11.0	48
11	Salmonella enterica Serovar Typhi Conceals the Invasion-Associated Type Three Secretion System from the Innate Immune System by Gene Regulation. PLoS Pathogens, 2014, 10, e1004207.	4.7	46
12	Colonization resistance: The deconvolution of a complex trait. Journal of Biological Chemistry, 2017, 292, 8577-8581.	3.4	42
13	A simple and rapid method of bacterial transformation. Journal of Microbiological Methods, 2010, 80, 215-216.	1.6	37
14	An RNA-centric global view of Clostridioides difficile reveals broad activity of Hfq in a clinically important gram-positive bacterium. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	33
15	Grad-seq identifies KhpB as a global RNA-binding protein inClostridioides difficilethat regulates toxin production. MicroLife, 2021, 2, .	2.1	25
16	RNA landscape of the emerging cancer-associated microbe Fusobacterium nucleatum. Nature Microbiology, 2021, 6, 1007-1020.	13.3	23
17	Orbus hercynius gen. nov., sp. nov., isolated from faeces of wild boar, is most closely related to members of the orders â€˜Enterobacterialesâ€™ and Pasteurellales. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2601-2605.	1.7	21
18	The metabolic footprint of Clostridia and Erysipelotrichia reveals their role in depleting sugar alcohols in the cecum. Microbiome, 2021, 9, 174.	11.1	17

#	Article	IF	Citations
19	Lack of angiotensin II conversion to angiotensin III increases water but not alcohol consumption in aminopeptidase A-deficient mice. Regulatory Peptides, 2006, 136, 130-137.	1.9	16
20	CsrA and CsrB are required for the post-transcriptional control of the virulence-associated effector protein AvrA of Salmonella enterica. International Journal of Medical Microbiology, 2009, 299, 333-341.	3.6	16
21	Influence of poly(l-lysine) on the structure of dipalmitoylphosphatidylglycerol/water dispersions studied by X-ray scattering. European Biophysics Journal, 2007, 36, 425-435.	2.2	12
22	Antibacterial Anacardic Acid Derivatives. ACS Infectious Diseases, 2020, 6, 1674-1685.	3.8	8
23	Malaria parasite infection compromises colonization resistance to an enteric pathogen by reducing gastric acidity. Science Advances, 2021, 7, .	10.3	7
24	A Salmonella Regulator Modulates Intestinal Colonization and Use of Phosphonoacetic Acid. Frontiers in Cellular and Infection Microbiology, 2017, 7, 69.	3.9	5