Felix Sommer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5527989/publications.pdf

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36	6,813	318942	406436
papers	citations	23 h-index	35 g-index

40	40	40	12695
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PUFA-Induced Metabolic Enteritis as a Fuel for Crohnâ€™s Disease. Gastroenterology, 2022, 162, 1690-1704.	0.6	24
2	Staying strong during hibernation. Science, 2022, 375, 376-377.	6.0	0
3	Short-term physical exercise impacts on the human holobiont obtained by a randomised intervention study. BMC Microbiology, 2021, 21, 162.	1.3	24
4	The gut microbiota instructs the hepatic endothelial cell transcriptome. IScience, 2021, 24, 103092.	1.9	16
5	Microbial regulation of hexokinase 2 links mitochondrial metabolism and cell death in colitis. Cell Metabolism, 2021, 33, 2355-2366.e8.	7.2	40
6	Advancing Our Functional Understanding of Hostâ€“Microbiota Interactions: A Need for New Types of Studies. BioEssays, 2020, 42, 1900211.	1.2	5
7	Nutritional Targeting of the Microbiome as Potential Therapy for Malnutrition and Chronic Inflammation. Nutrients, 2020, 12, 3032.	1.7	10
8	Precision Nutrition in Chronic Inflammation. Frontiers in Immunology, 2020, 11, 587895.	2.2	13
9	A high-fat diet induces a microbiota-dependent increase in stem cell activity in the Drosophila intestine. PLoS Genetics, 2020, 16, e1008789.	1.5	26
10	Î±-Linolenic Acid-Rich Diet Influences Microbiota Composition and Villus Morphology of the Mouse Small Intestine. Nutrients, 2020, 12, 732.	1.7	21
11	NOD2 Influences Trajectories of Intestinal Microbiota Recovery After Antibiotic Perturbation. Cellular and Molecular Gastroenterology and Hepatology, 2020, 10, 365-389.	2.3	19
12	Dietary lipids fuel GPX4-restricted enteritis resembling Crohnâ€™s disease. Nature Communications, 2020, 11, 1775.	5.8	143
13	Comparative analysis of amplicon and metagenomic sequencing methods reveals key features in the evolution of animal metaorganisms. Microbiome, 2019, 7, 133.	4.9	141
14	The Microbiota Promotes Arterial Thrombosis in Low-Density Lipoprotein Receptor-Deficient Mice. MBio, 2019, 10, .	1.8	50
15	Functions of the Microbiota for the Physiology of Animal Metaorganisms. Journal of Innate Immunity, 2019, 11, 393-404.	1.8	56
16	Exposure to the gut microbiota drives distinct methylome and transcriptome changes in intestinal epithelial cells during postnatal development. Genome Medicine, 2018, 10, 27.	3.6	117
17	Grow With the Challenge â€“ Microbial Effects on Epithelial Proliferation, Carcinogenesis, and Cancer Therapy. Frontiers in Microbiology, 2018, 9, 2020.	1.5	26
18	Neonatal selection by Toll-like receptor 5 influences long-term gut microbiota composition. Nature, 2018, 560, 489-493.	13.7	153

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19	Microbiota-induced obesity requires farnesoid X receptor. Gut, 2017, 66, 429-437.	6.1	355
20	The resilience of the intestinal microbiota influences health and disease. Nature Reviews Microbiology, 2017, 15, 630-638.	13.6	696
21	Microbiomarkers in inflammatory bowel diseases: caveats come with caviar. Gut, 2017, 66, 1734-1738.	6.1	47
22	Genome-wide association analysis identifies variation in vitamin D receptor and other host factors influencing the gut microbiota. Nature Genetics, 2016, 48, 1396-1406.	9.4	533
23	Know your neighbor: Microbiota and host epithelial cells interact locally to control intestinal function and physiology. BioEssays, 2016, 38, 455-464.	1.2	63
24	The Gut Microbiota Modulates Energy Metabolism in the Hibernating Brown Bear Ursus arctos. Cell Reports, 2016, 14, 1655-1661.	2.9	290
25	Neurotensin Is Coexpressed, Coreleased, and Acts Together With GLP-1 and PYY in Enteroendocrine Control of Metabolism. Endocrinology, 2016, 157, 176-194.	1.4	119
26	Age-Dependent Susceptibility to Enteropathogenic Escherichia coli (EPEC) Infection in Mice. PLoS Pathogens, 2016, 12, e1005616.	2.1	45
27	Site-specific programming of the host epithelial transcriptome by the gut microbiota. Genome Biology, 2015, 16, 62.	3.8	131
28	The composition of the gut microbiota shapes the colon mucus barrier. EMBO Reports, 2015, 16, 164-177.	2.0	519
29	The gut microbiota engages different signaling pathways to induce Duox2 expression in the ileum and colon epithelium. Mucosal Immunology, 2015, 8, 372-379.	2.7	85
30	Altered Mucus Glycosylation in Core 1 O-Glycan-Deficient Mice Affects Microbiota Composition and Intestinal Architecture. PLoS ONE, 2014, 9, e85254.	1.1	114
31	Regulation of Polyp-to-Jellyfish Transition in Aurelia aurita. Current Biology, 2014, 24, 263-273.	1.8	152
32	The gut microbiota â€" masters of host development and physiology. Nature Reviews Microbiology, 2013, 11, 227-238.	13.6	2,711
33	Blood System Formation in the Urochordate Ciona intestinalis Requires the Variable Receptor vCRL1. Molecular Biology and Evolution, 2012, 29, 3081-3093.	3.5	11
34	Allorecognition in urochordates: Identification of a highly variable complement receptor-like protein expressed in follicle cells of Ciona. Developmental and Comparative Immunology, 2007, 31, 360-371.	1.0	27
35	In the urochordate Ciona intestinalis zona pellucida domain proteins vary among individuals. Developmental and Comparative Immunology, 2007, 31, 1242-1254.	1.0	25
36	Mitochondrial Function and Microbial Metabolites as Central Regulators of Intestinal Immune Responses and Cancer. Frontiers in Microbiology, 0, 13, .	1.5	2