

Thomas C A Hitch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8255836/publications.pdf>

Version: 2024-02-01

18
papers

1,466
citations

933264

10
h-index

839398

18
g-index

23
all docs

23
docs citations

23
times ranked

1483
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequence and cultivation study of Muribaculaceae reveals novel species, host preference, and functional potential of this yet undescribed family. <i>Microbiome</i> , 2019, 7, 28.	4.9	481
2	A collection of bacterial isolates from the pig intestine reveals functional and taxonomic diversity. <i>Nature Communications</i> , 2020, 11, 6389.	5.8	269
3	Automated analysis of genomic sequences facilitates high-throughput and comprehensive description of bacteria. <i>ISME Communications</i> , 2021, 1, .	1.7	228
4	Comparative metagenomic and metatranscriptomic analyses reveal the breed effect on the rumen microbiome and its associations with feed efficiency in beef cattle. <i>Microbiome</i> , 2019, 7, 6.	4.9	150
5	Early-Life Immune System Maturation in Chickens Using a Synthetic Community of Cultured Gut Bacteria. <i>MSystems</i> , 2021, 6, .	1.7	68
6	Handling of spurious sequences affects the outcome of high-throughput 16S rRNA gene amplicon profiling. <i>ISME Communications</i> , 2021, 1, .	1.7	60
7	High microbiota reactivity of adult human intestinal IgA requires somatic mutations. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	53
8	A proposed update for the classification and description of bacterial lipolytic enzymes. <i>PeerJ</i> , 2019, 7, e7249.	0.9	38
9	Rumen Virus Populations: Technological Advances Enhancing Current Understanding. <i>Frontiers in Microbiology</i> , 2020, 11, 450.	1.5	22
10	Recent advances in culture-based gut microbiome research. <i>International Journal of Medical Microbiology</i> , 2021, 311, 151485.	1.5	15
11	<i>Sporofaciens musculi</i> gen. nov., sp. nov., a novel bacterium isolated from the caecum of an obese mouse. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 71, .	0.8	15
12	Anaerobic single-cell dispensing facilitates the cultivation of human gut bacteria. <i>Environmental Microbiology</i> , 2022, 24, 3861-3881.	1.8	15
13	MiMiC: a bioinformatic approach for generation of synthetic communities from metagenomes. <i>Microbial Biotechnology</i> , 2021, 14, 1757-1770.	2.0	12
14	Naturalizing laboratory mice by housing in a farmyard-type habitat confers protection against colorectal carcinogenesis. <i>Gut Microbes</i> , 2021, 13, 1993581.	4.3	11
15	Spherical: an iterative workflow for assembling metagenomic datasets. <i>BMC Bioinformatics</i> , 2018, 19, 20.	1.2	9
16	Metatranscriptomics reveals mycoviral populations in the ovine rumen. <i>FEMS Microbiology Letters</i> , 2019, 366, .	0.7	7
17	The Compromised Mucosal Immune System of β 7 Integrin-Deficient Mice Has Only Minor Effects on the Fecal Microbiota in Homeostasis. <i>Frontiers in Microbiology</i> , 2019, 10, 2284.	1.5	6
18	Upregulation of Anti-Oxidative Stress Response Improves Metabolic Changes in L-Selectin-Deficient Mice but Does Not Prevent NAFLD Progression or Fecal Microbiota Shifts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7314.	1.8	1