

Thomas Sb Schmidt

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

3,001
citations

331670

21
h-index

552781

26
g-index

39
all docs

39
docs citations

39
times ranked

4988
citing authors

#	ARTICLE	IF	CITATIONS
1	The Human Gut Microbiome: From Association to Modulation. <i>Cell</i> , 2018, 172, 1198-1215.	28.9	558
2	Extensive transmission of microbes along the gastrointestinal tract. <i>ELife</i> , 2019, 8, .	6.0	313
3	Microbial abundance, activity and population genomic profiling with mOTUs2. <i>Nature Communications</i> , 2019, 10, 1014.	12.8	298
4	Similarity of the dog and human gut microbiomes in gene content and response to diet. <i>Microbiome</i> , 2018, 6, 72.	11.1	211
5	Disentangling the mechanisms shaping the surface ocean microbiota. <i>Microbiome</i> , 2020, 8, 55.	11.1	154
6	Microbiota-Derived Hydrogen Fuels Salmonella Typhimurium Invasion of the Gut Ecosystem. <i>Cell Host and Microbe</i> , 2013, 14, 641-651.	11.0	145
7	Pseudo-transition Analysis Identifies the Key Regulators of Dynamic Metabolic Adaptations from Steady-State Data. <i>Cell Systems</i> , 2015, 1, 270-282.	6.2	133
8	A faecal microbiota signature with high specificity for pancreatic cancer. <i>Gut</i> , 2022, 71, 1359-1372.	12.1	104
9	Combinatorial, additive and dose-dependent drug-microbiome associations. <i>Nature</i> , 2021, 600, 500-505.	27.8	102
10	Microbiome and metabolome features of the cardiometabolic disease spectrum. <i>Nature Medicine</i> , 2022, 28, 303-314.	30.7	102
11	MAPseq: highly efficient k-mer search with confidence estimates, for rRNA sequence analysis. <i>Bioinformatics</i> , 2017, 33, 3808-3810.	4.1	98
12	Limits to robustness and reproducibility in the demarcation of operational taxonomic units. <i>Environmental Microbiology</i> , 2015, 17, 1689-1706.	3.8	95
13	GUNC: detection of chimerism and contamination in prokaryotic genomes. <i>Genome Biology</i> , 2021, 22, 178.	8.8	94
14	Ecological Consistency of SSU rRNA-Based Operational Taxonomic Units at a Global Scale. <i>PLoS Computational Biology</i> , 2014, 10, e1003594.	3.2	85
15	Disentangling the impact of environmental and phylogenetic constraints on prokaryotic within-species diversity. <i>ISME Journal</i> , 2020, 14, 1247-1259.	9.8	74
16	Analyses of dryland biological soil crusts highlight lichens as an important regulator of microbial communities. <i>Biodiversity and Conservation</i> , 2014, 23, 1735-1755.	2.6	72
17	Metagenomic Identification of Microbial Signatures Predicting Pancreatic Cancer From a Multinational Study. <i>Gastroenterology</i> , 2022, 163, 222-238.	1.3	61
18	proGenomes2: an improved database for accurate and consistent habitat, taxonomic and functional annotations of prokaryotic genomes. <i>Nucleic Acids Research</i> , 2020, 48, D621-D625.	14.5	60

#	ARTICLE	IF	CITATIONS
19	Grasp Detection from Human ECoG during Natural Reach-to-Grasp Movements. PLoS ONE, 2013, 8, e54658.	2.5	40
20	A family of interaction-adjusted indices of community similarity. ISME Journal, 2017, 11, 791-807.	9.8	39
21	Landscape of mobile genetic elements and their antibiotic resistance cargo in prokaryotic genomes. Nucleic Acids Research, 2022, 50, 3155-3168.	14.5	34
22	Effects of oral antibiotics and isotretinoin on the murine gut microbiota. International Journal of Antimicrobial Agents, 2017, 50, 342-351.	2.5	27
23	Ecologically informed microbial biomarkers and accurate classification of mixed and unmixed samples in an extensive cross-study of human body sites. Microbiome, 2018, 6, 192.	11.1	25
24	Preventive <i>Trichuris suis ova</i> (TSO) treatment protects immunocompetent rabbits from DSS colitis but may be detrimental under conditions of immunosuppression. Scientific Reports, 2017, 7, 16500.	3.3	17
25	Protein tyrosine phosphatase non-receptor type 22 modulates colitis in a microbiota-dependent manner. Journal of Clinical Investigation, 2019, 129, 2527-2541.	8.2	15
26	treeclimbR pinpoints the data-dependent resolution of hierarchical hypotheses. Genome Biology, 2021, 22, 157.	8.8	7