

Jan Claesen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,928
citations

623574

14
h-index

752573

20
g-index

28
all docs

28
docs citations

28
times ranked

4678
citing authors

#	ARTICLE	IF	CITATIONS
1	A 3D-printable device allowing fast and reproducible longitudinal preparation of mouse intestines. <i>Animal Models and Experimental Medicine</i> , 2022, 5, 189-196.	1.3	1
2	A secondary metabolite drives intraspecies antagonism in a gut symbiont that is inhibited by cell-wall acetylation. <i>Cell Host and Microbe</i> , 2022, 30, 824-835.e6.	5.1	10
3	A surgical method for continuous intraportal infusion of gut microbial metabolites in mice. <i>JCI Insight</i> , 2021, 6, .	2.3	6
4	Identification of essential genes for <i>Escherichia coli</i> aryl polyene biosynthesis and function in biofilm formation. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 56.	2.9	27
5	A Single Human-Relevant Fast Food Meal Rapidly Reorganizes Metabolomic and Transcriptomic Signatures in a Gut Microbiota-Dependent Manner#. <i>Immunometabolism</i> , 2021, 3, .	0.7	3
6	Microbial Flavonoid Metabolism: A Cardiometabolic Disease Perspective. <i>Annual Review of Nutrition</i> , 2021, 41, 433-454.	4.3	16
7	A <i>Cutibacterium acnes</i> antibiotic modulates human skin microbiota composition in hair follicles. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	83
8	Elucidation of a sialic acid metabolism pathway in mucus-foraging <i>Ruminococcus gnavus</i> unravels mechanisms of bacterial adaptation to the gut. <i>Nature Microbiology</i> , 2019, 4, 2393-2404.	5.9	83
9	Gut Symbionts <i>Lactobacillus reuteri</i> R2lc and 2010 Encode a Polyketide Synthase Cluster That Activates the Mammalian Aryl Hydrocarbon Receptor. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	27
10	Contextual control of skin immunity and inflammation by <i>Corynebacterium</i> . <i>Journal of Experimental Medicine</i> , 2018, 215, 785-799.	4.2	137
11	Topical Antiseptics and the Skin Microbiota. <i>Journal of Investigative Dermatology</i> , 2018, 138, 2106-2107.	0.3	8
12	Synthetic biology to access and expand nature's chemical diversity. <i>Nature Reviews Microbiology</i> , 2016, 14, 135-149.	13.6	393
13	A <i>Streptomyces coelicolor</i> host for the heterologous expression of Type III polyketide synthase genes. <i>Microbial Cell Factories</i> , 2015, 14, 145.	1.9	34
14	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	3.9	715
15	Synthetic Microbes As Drug Delivery Systems. <i>ACS Synthetic Biology</i> , 2015, 4, 358-364.	1.9	117
16	<i>Propionibacterium</i> -Produced Coproporphyrin III Induces <i>Staphylococcus aureus</i> Aggregation and Biofilm Formation. <i>MBio</i> , 2014, 5, e01286-14.	1.8	80
17	Insights into Secondary Metabolism from a Global Analysis of Prokaryotic Biosynthetic Gene Clusters. <i>Cell</i> , 2014, 158, 412-421.	13.5	801
18	Biosynthesis and Regulation of Grisemycin, a New Member of the Linaridin Family of Ribosomally Synthesized Peptides Produced by <i>Streptomyces griseus</i> IFO 13350. <i>Journal of Bacteriology</i> , 2011, 193, 2510-2516.	1.0	63

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19	Genome mining and genetic analysis of cypemycin biosynthesis reveal an unusual class of posttranslationally modified peptides. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16297-16302.	3.3	123
20	Discovery of Unique Lanthionine Synthetases Reveals New Mechanistic and Evolutionary Insights. PLoS Biology, 2010, 8, e1000339.	2.6	186