

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	Insights into Secondary Metabolism from a Global Analysis of Prokaryotic Biosynthetic Gene Clusters. <i>Cell</i> , 2014, 158, 412-421.	13.5	801
2	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	3.9	715
3	Synthetic biology to access and expand nature's chemical diversity. <i>Nature Reviews Microbiology</i> , 2016, 14, 135-149.	13.6	393
4	Discovery of Unique Lanthionine Synthetases Reveals New Mechanistic and Evolutionary Insights. <i>PLoS Biology</i> , 2010, 8, e1000339.	2.6	186
5	Contextual control of skin immunity and inflammation by <i>Corynebacterium</i> . <i>Journal of Experimental Medicine</i> , 2018, 215, 785-799.	4.2	137
6	Genome mining and genetic analysis of cypemycin biosynthesis reveal an unusual class of posttranslationally modified peptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16297-16302.	3.3	123
7	Synthetic Microbes As Drug Delivery Systems. <i>ACS Synthetic Biology</i> , 2015, 4, 358-364.	1.9	117
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	A <i>Cutibacterium acnes</i> antibiotic modulates human skin microbiota composition in hair follicles. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	83
10	<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
11	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
12	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
13	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
14	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
15	Microbial Flavonoid Metabolism: A Cardiometabolic Disease Perspective. <i>Annual Review of Nutrition</i> , 2021, 41, 433-454.	4.3	16
16	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
17	Topical Antiseptics and the Skin Microbiota. <i>Journal of Investigative Dermatology</i> , 2018, 138, 2106-2107.	0.3	8
18	A surgical method for continuous intraportal infusion of gut microbial metabolites in mice. <i>JCI Insight</i> , 2021, 6, .	2.3	6

#	ARTICLE	IF	CITATIONS
19	A Single Human-Relevant Fast Food Meal Rapidly Reorganizes Metabolomic and Transcriptomic Signatures in a Gut Microbiota-Dependent Manner#. Immunometabolism, 2021, 3, .	0.7	3
20	A 3Dâ€­printable device allowing fast and reproducible longitudinal preparation of mouse intestines. Animal Models and Experimental Medicine, 2022, 5, 189-196.	1.3	1