

Olivier Vc Zemb

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

950
citations

516710

16
h-index

501196

28
g-index

34
all docs

34
docs citations

34
times ranked

1405
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbiability and microbiome-wide association analyses of feed efficiency and performance traits in pigs. <i>Genetics Selection Evolution</i> , 2022, 54, 29.	3.0	9
2	Gut Microbiota-Derived Metabolite Signature in Suckling and Weaned Piglets. <i>Journal of Proteome Research</i> , 2021, 20, 982-994.	3.7	31
3	Genetic relationships between feed efficiency and gut microbiome in pig lines selected for residual feed intake. <i>Journal of Animal Breeding and Genetics</i> , 2021, 138, 491-507.	2.0	19
4	The fecal microbiota of piglets during weaning transition and its association with piglet growth across various farm environments. <i>PLoS ONE</i> , 2021, 16, e0250655.	2.5	21
5	Bacterial Consumption of T4 Phages. <i>Microorganisms</i> , 2021, 9, 1852.	3.6	0
6	Early Inoculation of Microbial Suspension in Suckling Piglets Affects the Transmission of Maternal Microbiota and the Associated Antibiotic Resistance Genes. <i>Microorganisms</i> , 2020, 8, 1576.	3.6	3
7	Microbiota Changes Due to Grape Seed Extract Diet Improved Intestinal Homeostasis and Decreased Fatness in Parental Broiler Hens. <i>Microorganisms</i> , 2020, 8, 1141.	3.6	8
8	Absolute quantitation of microbes using 16S rRNA gene metabarcoding: A rapid normalization of relative abundances by quantitative PCR targeting a 16S rRNA gene spike-in standard. <i>MicrobiologyOpen</i> , 2020, 9, e977.	3.0	43
9	Gut microbiota derived metabolites contribute to intestinal barrier maturation at the suckling-to-weaning transition. <i>Gut Microbes</i> , 2020, 11, 1268-1286.	9.8	72
10	Effect of chronic and acute heat challenges on fecal microbiota composition, production, and thermoregulation traits in growing pigs ^{1,2} . <i>Journal of Animal Science</i> , 2019, 97, 3845-3858.	0.5	35
11	Isolation, characterization and bioaugmentation of an acidotolerant 1,2-dichloroethane respiring <i>Desulfitobacterium</i> species from a low pH aquifer. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	10
12	Effects of a gut microbiota transfer on emotional reactivity in Japanese quails (<i>Coturnix</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	1.7	15
13	Estimating direct genetic and maternal effects affecting rabbit growth and feed efficiency with a factorial design. <i>Journal of Animal Breeding and Genetics</i> , 2019, 136, 168-173.	2.0	8
14	Longitudinal Analysis of the Microbiota Composition and Enterotypes of Pigs from Post-Weaning to Finishing. <i>Microorganisms</i> , 2019, 7, 622.	3.6	20
15	Fecal microbial composition associated with variation in feed efficiency in pigs depends on diet and sex ¹ . <i>Journal of Animal Science</i> , 2018, 96, 1405-1418.	0.5	50
16	Effect of dietary fiber content on nutrient digestibility and fecal microbiota composition in growing-finishing pigs. <i>PLoS ONE</i> , 2018, 13, e0206159.	2.5	54
17	Phage adsorption to bacteria in the light of the electrostatics: A case study using <i>E. coli</i> , T2 and flow cytometry. <i>Journal of Virological Methods</i> , 2013, 189, 283-289.	2.1	25
18	Bacterial and fungal community composition over time in chicken litter with high or low moisture content. <i>British Poultry Science</i> , 2012, 53, 561-569.	1.7	39

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19	Improvement of RNA-SIP by pyrosequencing to identify putative 4-n-nonylphenol degraders in activated sludge. <i>Water Research</i> , 2012, 46, 601-610.	11.3	26
20	Capillary electrophoresis ribosomal RNA single-stranded conformation polymorphism: a new approach for characterization of low-diversity microbial communities. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1897-1906.	3.7	4
21	Complete chloroform dechlorination by organochlorine respiration and fermentation. <i>Environmental Microbiology</i> , 2012, 14, 883-894.	3.8	94
22	Direct rRNA Fingerprinting, a Novel Method to Profile Low Diversity Microbial Communities. <i>Microbial Ecology</i> , 2011, 62, 177-187.	2.8	4
23	Reactive iron barriers: a niche enabling microbial dehalorespiration of 1,2-dichloroethane. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 319-325.	3.6	19
24	Effect of a transient perturbation on marine bacterial communities with contrasting history. <i>Journal of Applied Microbiology</i> , 2010, 109, 751-762.	3.1	11
25	Efficient method to isolate and purify viruses of bacteria from marine environments. <i>Letters in Applied Microbiology</i> , 2008, 47, 41-45.	2.2	2
26	Major differences of bacterial diversity and activity inside and outside of a natural iron-fertilized phytoplankton bloom in the Southern Ocean. <i>Environmental Microbiology</i> , 2008, 10, 738-756.	3.8	155
27	Dynamics of neutral biodiversity. <i>Mathematical Biosciences</i> , 2008, 212, 88-98.	1.9	17
28	safum: statistical analysis of SSCP fingerprints using PCA projections, dendrograms and diversity estimators. <i>Molecular Ecology Notes</i> , 2007, 7, 767-770.	1.7	40
29	Denaturing gradient electrophoresis (DGE) and single-strand conformation polymorphism (SSCP) molecular fingerprintings revisited by simulation and used as a tool to measure microbial diversity. <i>Environmental Microbiology</i> , 2006, 8, 720-731.	3.8	114