Ling Deng

List of Publications by Year
in descending order

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28 papers	1,641 citations	361413 20 h-index	501196 28 g-index
36 all docs	36 docs citations	36 times ranked	1117 citing authors

#	Article	IF	Citations
1	Fecal filtrate transplantation protects against necrotizing enterocolitis. ISME Journal, 2022, 16, 686-694.	9.8	63
2	Genome binning of viral entities from bulk metagenomics data. Nature Communications, 2022, 13, 965.	12.8	41
3	Effect of gluten-free diet and antibiotics on murine gut microbiota and immune response to tetanus vaccination. PLoS ONE, 2022, 17, e0266719.	2.5	3
4	Enteral broad-spectrum antibiotics antagonize the effect of fecal microbiota transplantation in preterm pigs. Gut Microbes, 2021, 13, 1-16.	9.8	14
5	Characterization of the Vaginal DNA Virome in Health and Dysbiosis. Viruses, 2020, 12, 1143.	3.3	36
6	Bacteriophage-mediated manipulation of the gut microbiome â€“ promises and presents limitations. FEMS Microbiology Reviews, 2020, 44, 507-521.	8.6	65
7	Virulent coliphages in 1-year-old children fecal samples are fewer, but more infectious than temperate coliphages. Nature Communications, 2020, 11, 378.	12.8	59
8	A Protocol for Extraction of Infective Viromes Suitable for Metagenomics Sequencing from Low Volume Fecal Samples. Viruses, 2019, 11, 667.	3.3	32
9	A seed motif for target RNA capture enables efficient immune defence by a type III-B CRISPR-Cas system. RNA Biology, 2019, 16, 1166-1178.	3.1	18
10	Oral LPS Dosing Induces Local Immunological Changes in the Pancreatic Lymph Nodes in Mice. Journal of Diabetes Research, 2019, 2019, 1-9.	2.3	15
11	Extraction and Purification of Viruses from Fecal Samples for Metagenome and Morphology Analyses. Methods in Molecular Biology, 2018, 1838, 49-57.	0.9	4
12	A type III-B CRISPR-Cas effector complex mediating massive target DNA destruction. Nucleic Acids Research, 2017, 45, gkw1274.	14.5	67
13	Formation of a Viral Replication Focus in Sulfolobus Cells Infected by the Rudivirus Sulfolobus islandicus Rod-Shaped Virus 2. Journal of Virology, 2017, 91, .	3.4	26
14	Major and minor crRNA annealing sites facilitate low stringency DNA protospacer binding prior to Type I-A CRISPR-Cas interference in Sulfolobus. RNA Biology, 2016, 13, 1166-1173.	3.1	15
15	CRISPR-Cas Adaptive Immune Systems of the Sulfolobales: Unravelling Their Complexity and Diversity. Life, 2015, 5, 783-817.	2.4	39
16	Unveiling Cell Surface and Type IV Secretion Proteins Responsible for Archaeal Rudivirus Entry. Journal of Virology, 2014, 88, 10264-10268.	3.4	31
17	A novel single-tailed fusiform Sulfolobus virus STSV2 infecting model Sulfolobus species. Extremophiles, 2014, 18, 51-60.	2.3	38
18	A novel interference mechanism by a type <scp>IIIB CRISPR</scp>â€<scp>Cmr</scp> module in <scp>S</scp>ulfolobus. Molecular Microbiology, 2013, 87, 1088-1099.	2.5	224

#	Article	IF	Citations
19	Novel insights into gene regulation of the rudivirus SIRV2 infectingSulfolobuscells. RNA Biology, 2013, 10, 875-885.	3.1	43
20	A Synthetic Arabinose-Inducible Promoter Confers High Levels of Recombinant Protein Expression in Hyperthermophilic Archaeon Sulfolobus islandicus. Applied and Environmental Microbiology, 2012, 78, 5630-5637.	3.1	111
21	Modulation of CRISPR locus transcription by the repeat-binding protein Cbp1 in Sulfolobus. Nucleic Acids Research, 2012, 40, 2470-2480.	14.5	70
22	Deletion of the topoisomerase III gene in the hyperthermophilic archaeon Sulfolobus islandicus results in slow growth and defects in cell cycle control. Journal of Genetics and Genomics, 2011, 38, 253-259.	3.9	14
23	CRISPR-based immune systems of the Sulfolobales: complexity and diversity. Biochemical Society Transactions, 2011, 39, 51-57.	3.4	64
24	Dynamic properties of the Sulfolobus CRISPR/Cas and CRISPR/Cmr systems when challenged with vectorâ€borne viral and plasmid genes and protospacers. Molecular Microbiology, 2011, 79, 35-49.	2.5	205
25	Revealing the essentiality of multiple archaeal pcna genes using a mutant propagation assay based on an improved knockout method. Microbiology (United Kingdom), 2010, 156, 3386-3397.	1.8	58
26	Unmarked gene deletion and hostâ€“vector system for the hyperthermophilic crenarchaeon Sulfolobus islandicus. Extremophiles, 2009, 13, 735-746.	2.3	189
27	Genetic analyses in the hyperthermophilic archaeon Sulfolobus islandicus. Biochemical Society Transactions, 2009, 37, 92-96.	3.4	55
28	Cost-effective production of Bacillus licheniformis using simple netting bag solid bioreactor. World Journal of Microbiology and Biotechnology, 2008, 24, 2859-2863.	3.6	13