

Rob J Mesman

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

716
citations

840776

11
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

955
citing authors

#	ARTICLE	IF	CITATIONS
1	Universal activity-based labeling method for ammonia- and alkane-oxidizing bacteria. ISME Journal, 2022, 16, 958-971.	9.8	12
2	Novel and conventional inhibitors of canonical autophagy differently affect LC3-associated phagocytosis. FEBS Letters, 2022, 596, 491-509.	2.8	9
3	Endocarditis Caused by Nontypeable <i>Streptococcus pneumoniae</i> . Clinical Infectious Diseases, 2022, 75, 719-722.	5.8	2
4	Antimicrobial Late Cornified Envelope Proteins: The Psoriasis Risk Factor Deletion of LCE3B/C Genes Affects Microbiota Composition. Journal of Investigative Dermatology, 2022, 142, 1947-1955.e6.	0.7	5
5	Ammonia oxidation at pH 2.5 by a new gammaproteobacterial ammonia-oxidizing bacterium. ISME Journal, 2021, 15, 1150-1164.	9.8	39
6	Methylacidimicrobium thermophilum AP8, a Novel Methane- and Hydrogen-Oxidizing Bacterium Isolated From Volcanic Soil on Pantelleria Island, Italy. Frontiers in Microbiology, 2021, 12, 637762.	3.5	14
7	Intranasal vaccination with protein bodies elicit strong protection against Streptococcus pneumoniae colonization. Vaccine, 2021, 39, 6920-6929.	3.8	10
8	The Polygonal Cell Shape and Surface Protein Layer of Anaerobic Methane-Oxidizing Methyloirabilislanthanidiphila Bacteria. Frontiers in Microbiology, 2021, 12, 766527.	3.5	2
9	Alienimonas californiensis gen. nov. sp. nov., a novel Planctomycete isolated from the kelp forest in Monterey Bay. Antonie Van Leeuwenhoek, 2020, 113, 1751-1766.	1.7	40
10	Growth on Carbohydrates from Carbonaceous Meteorites Alters the Immunogenicity of Environment-Derived Bacterial Pathogens. Astrobiology, 2020, 20, 1353-1362.	3.0	3
11	Extracellular electron transfer-dependent anaerobic oxidation of ammonium by anammox bacteria. Nature Communications, 2020, 11, 2058.	12.8	168
12	The Anammoxosome Organelle: The Power Plant of Anaerobic Ammonium-Oxidizing (Anammox) Bacteria. Microbiology Monographs, 2020, , 107-123.	0.6	1
13	Characterization of the first planctomycetal outer membrane protein identifies a channel in the outer membrane of the anammox bacterium Kuenenia stuttgartiensis. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 767-776.	2.6	9
14	Community Composition and Ultrastructure of a Nitrate-Dependent Anaerobic Methane-Oxidizing Enrichment Culture. Applied and Environmental Microbiology, 2018, 84, .	3.1	28
15	Ultrastructure and Viral Metagenome of Bacteriophages from an Anaerobic Methane Oxidizing Methyloirabilis Bioreactor Enrichment Culture. Frontiers in Microbiology, 2016, 7, 1740.	3.5	13
16	Branchial nitrogen cycle symbionts can remove ammonia in fish gills. Environmental Microbiology Reports, 2016, 8, 590-594.	2.4	34
17	Anammox Planctomycetes have a peptidoglycan cell wall. Nature Communications, 2015, 6, 6878.	12.8	194
18	Immunogold Localization of Key Metabolic Enzymes in the Anammoxosome and on the Tubule-Like Structures of Kuenenia stuttgartiensis. Journal of Bacteriology, 2015, 197, 2432-2441.	2.2	52

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19	Microscopic Methods to Observe the Distribution of Lipids in the Cellular Membrane. <i>Biochemistry</i> , 2014, 53, 639-653.	2.5	37
20	A novel method for high-pressure freezing of adherent cells for frozen hydrated sectioning and CEMOVIS. <i>Journal of Structural Biology</i> , 2013, 183, 527-530.	2.8	6
21	In-situ integrity control of frozen-hydrated, vitreous lamellas prepared by the cryo-focused ion beam-scanning electron microscope. <i>Journal of Structural Biology</i> , 2013, 183, 11-18.	2.8	31