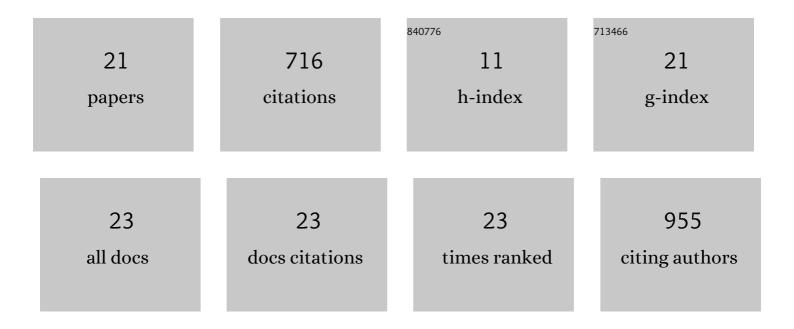
## Rob J Mesman

List of Publications by Year in descending order

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**POBLMESMAN** 

#	Article	IF	CITATIONS
1	Anammox Planctomycetes have a peptidoglycan cell wall. Nature Communications, 2015, 6, 6878.	12.8	194
2	Extracellular electron transfer-dependent anaerobic oxidation of ammonium by anammox bacteria. Nature Communications, 2020, 11, 2058.	12.8	168
3	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
4	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
5	Ammonia oxidation at pH 2.5 by a new gammaproteobacterial ammonia-oxidizing bacterium. ISME Journal, 2021, 15, 1150-1164.	9.8	39
6	Microscopic Methods to Observe the Distribution of Lipids in the Cellular Membrane. Biochemistry, 2014, 53, 639-653.	2.5	37
7	Branchial nitrogen cycle symbionts can remove ammonia in fish gills. Environmental Microbiology Reports, 2016, 8, 590-594.	2.4	34
8	In-situ integrity control of frozen-hydrated, vitreous lamellas prepared by the cryo-focused ion beam-scanning electron microscope. Journal of Structural Biology, 2013, 183, 11-18.	2.8	31
9	Community Composition and Ultrastructure of a Nitrate-Dependent Anaerobic Methane-Oxidizing Enrichment Culture. Applied and Environmental Microbiology, 2018, 84, .	3.1	28
10	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
11	Ultrastructure and Viral Metagenome of Bacteriophages from an Anaerobic Methane Oxidizing Methylomirabilis Bioreactor Enrichment Culture. Frontiers in Microbiology, 2016, 7, 1740.	3.5	13
12	Universal activity-based labeling method for ammonia- and alkane-oxidizing bacteria. ISME Journal, 2022, 16, 958-971.	9.8	12
13	Intranasal vaccination with protein bodies elicit strong protection against Streptococcus pneumoniae colonization. Vaccine, 2021, 39, 6920-6929.	3.8	10
14	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
15	Novel and conventional inhibitors of canonical autophagy differently affect LC3â€associated phagocytosis. FEBS Letters, 2022, 596, 491-509.	2.8	9
16	A novel method for high-pressure freezing of adherent cells for frozen hydrated sectioning and CEMOVIS. Journal of Structural Biology, 2013, 183, 527-530.	2.8	6
17	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
18	Growth on Carbohydrates from Carbonaceous Meteorites Alters the Immunogenicity of Environment-Derived Bacterial Pathogens. Astrobiology, 2020, 20, 1353-1362.	3.0	3

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#	Article	IF	CITATIONS
19	Endocarditis Caused by Nontypeable <i>Streptococcus pneumoniae</i> . Clinical Infectious Diseases, 2022, 75, 719-722.	5.8	2
20	The Polygonal Cell Shape and Surface Protein Layer of Anaerobic Methane-Oxidizing Methylomirabilislanthanidiphila Bacteria. Frontiers in Microbiology, 2021, 12, 766527.	3.5	2
21	The Anammoxosome Organelle: The Power Plant of Anaerobic Ammonium-Oxidizing (Anammox) Bacteria. Microbiology Monographs, 2020, , 107-123.	0.6	1