

# Jack Lcm Van De Vossenberg

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

5,501  
citations

172457

29  
h-index

276875

41  
g-index

42  
all docs

42  
docs citations

42  
times ranked

4198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unravelling the removal mechanisms of bacterial and viral surrogates in aerobic granular sludge systems. <i>Water Research</i> , 2021, 195, 116992.	11.3	8
2	Double-Stranded DNA Virus Assemblages in Groundwater in Three Informal Urban Settlements in Sub-Saharan Africa Differ from Each Other. <i>ACS ES&amp;T Water</i> , 2021, 1, 1992-2000.	4.6	2
3	Inactivation of indicator organisms on different surfaces after urban floods. <i>Science of the Total Environment</i> , 2020, 704, 135456.	8.0	11
4	Recovery of phosphorus from municipal wastewater treatment sludge through bioleaching using <i>Acidithiobacillus thiooxidans</i> . <i>Journal of Environmental Management</i> , 2020, 270, 110818.	7.8	23
5	Assessing Drinking Water Quality at the Point of Collection and within Household Storage Containers in the Hilly Rural Areas of Mid and Far-Western Nepal. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2172.	2.6	15
6	On the evolution and physiology of cable bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19116-19125.	7.1	127
7	Die-off of <i>E. coli</i> as fecal indicator organism on different surfaces after urban floods. <i>Journal of Environmental Management</i> , 2019, 250, 109516.	7.8	3
8	Effect of Artificial Solar Radiation on the Die-Off of Pathogen Indicator Organisms in Urban Floods. <i>International Journal of Environmental Research</i> , 2019, 13, 107-116.	2.3	7
9	Photo-oxygenation for nitrification and the effect of dissolved oxygen concentrations on anaerobic ammonium oxidation. <i>Science of the Total Environment</i> , 2018, 634, 868-874.	8.0	17
10	Impacts of Pit Latrine Additives on Volatile Solids and <i>E. coli</i> in Faecal Sludge. <i>Water Science and Technology Library</i> , 2018, , 445-464.	0.3	0
11	Microbial Groundwater Quality Status of Hand-Dug Wells and Boreholes in the Dodowa Area of Ghana. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 730.	2.6	40
12	(Bio)leaching Behavior of Chromite Tailings. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 261.	2.0	17
13	Bioleaching and selective biorecovery of zinc from zinc metallurgical leach residues from the TrÃs Marias zinc plant (Minas Gerais, Brazil). <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 512-521.	3.2	23
14	Comparison of Cu, Zn and Fe bioleaching from Cu-metallurgical slags in the presence of <i>Pseudomonas fluorescens</i> and <i>Acidithiobacillus thiooxidans</i> . <i>Applied Geochemistry</i> , 2016, 68, 39-52.	3.0	54
15	Effectiveness of UV-C light irradiation on disinfection of an eSOS <sup>®</sup> smart toilet evaluated in a temporary settlement in the Philippines. <i>International Journal of Environmental Health Research</i> , 2016, 26, 536-553.	2.7	3
16	Biological Nitrogen Removal in a Photosequencing Batch Reactor with an Algal-Nitrifying Bacterial Consortium and Anammox Granules. <i>Environmental Science and Technology Letters</i> , 2016, 3, 175-179.	8.7	37
17	Two-step bioleaching of copper and gold from discarded printed circuit boards (PCB). <i>Waste Management</i> , 2016, 57, 149-157.	7.4	180
18	Lactic Acid Fermentation, Urea and Lime Addition: Promising Faecal Sludge Sanitizing Methods for Emergency Sanitation. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 13871-13885.	2.6	32

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19	Microbial carbon metabolism associated with electrogenic sulphur oxidation in coastal sediments. <i>ISME Journal</i> , 2015, 9, 1966-1978.	9.8	104
20	The metagenome of the marine anammox bacterium <i>Candidatus Scalindua profunda</i> ™ illustrates the versatility of this globally important nitrogen cycle bacterium. <i>Environmental Microbiology</i> , 2013, 15, 1275-1289.	3.8	246
21	Identification of bacteria in drinking water with Raman spectroscopy. <i>Analytical Methods</i> , 2013, 5, 2679.	2.7	38
22	A multi-proxy study of anaerobic ammonium oxidation in marine sediments of the Gullmar Fjord, Sweden. <i>Environmental Microbiology Reports</i> , 2011, 3, 360-366.	2.4	63
23	Impact of Temperature on Ladderane Lipid Distribution in Anammox Bacteria. <i>Applied and Environmental Microbiology</i> , 2010, 76, 1596-1603.	3.1	53
24	Biodiversity of N-cycle bacteria in nitrogen removing moving bed biofilters for freshwater recirculating aquaculture systems. <i>Aquaculture</i> , 2010, 306, 177-184.	3.5	57
25	Physiology and behaviour of marine <i>Thioploca</i> . <i>ISME Journal</i> , 2009, 3, 647-657.	9.8	62
26	Revising the nitrogen cycle in the Peruvian oxygen minimum zone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4752-4757.	7.1	677
27	Ladderane lipid distribution in four genera of anammox bacteria. <i>Archives of Microbiology</i> , 2008, 190, 51-66.	2.2	92
28	<i>Candidatus Brocadia fulgida</i> ™: an autofluorescent anaerobic ammonium oxidizing bacterium. <i>FEMS Microbiology Ecology</i> , 2008, 63, 46-55.	2.7	388
29	Enrichment and characterization of marine anammox bacteria associated with global nitrogen gas production. <i>Environmental Microbiology</i> , 2008, 10, 3120-3129.	3.8	231
30	Physiological and phylogenetic study of an ammonium-oxidizing culture at high nitrite concentrations. <i>Systematic and Applied Microbiology</i> , 2008, 31, 114-125.	2.8	40
31	Anaerobic ammonium-oxidizing bacteria in marine environments: widespread occurrence but low diversity. <i>Environmental Microbiology</i> , 2007, 9, 1476-1484.	3.8	307
32	<i>Candidatus Anammoxoglobus propionicus</i> a new propionate oxidizing species of anaerobic ammonium oxidizing bacteria. <i>Systematic and Applied Microbiology</i> , 2007, 30, 39-49.	2.8	511
33	Ladderane phospholipids in anammox bacteria comprise phosphocholine and phosphoethanolamine headgroups. <i>FEMS Microbiology Letters</i> , 2006, 258, 297-304.	1.8	82
34	Deciphering the evolution and metabolism of an anammox bacterium from a community genome. <i>Nature</i> , 2006, 440, 790-794.	27.8	1,075
35	Global impact and application of the anaerobic ammonium-oxidizing (anammox) bacteria. <i>Biochemical Society Transactions</i> , 2006, 34, 174-178.	3.4	77
36	1994-2004: 10 years of research on the anaerobic oxidation of ammonium. <i>Biochemical Society Transactions</i> , 2005, 33, 119-123.	3.4	163

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37	Biomarkers for In Situ Detection of Anaerobic Ammonium-Oxidizing (Anammox) Bacteria. Applied and Environmental Microbiology, 2005, 71, 1677-1684.	3.1	325
38	Application, eco-physiology and biodiversity of anaerobic ammonium-oxidizing bacteria. Reviews in Environmental Science and Biotechnology, 2004, 3, 255-264.	8.1	71
39	Adaptations of the Cell Membrane for Life in Extreme Environments. Cell and Molecular Response To Stress, 2000, , 71-88.	0.4	9
40	Homeostasis of the membrane proton permeability in Bacillus subtilis grown at different temperatures. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1419, 97-104.	2.6	85
41	The positive inside rule is not determined by the polarity of the $\hat{\imath}^{\prime\prime}$ . Molecular Microbiology, 1998, 29, 1125-1126.	2.5	34
42	Identification and characterization of the pupB gene encoding an inducible ferric-pseudobactin receptor of Pseudomonas putida WCS358. Molecular Microbiology, 1993, 8, 591-601.	2.5	112