

# Harry R Harhangi

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

3,736  
citations

471509

17  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

3584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deciphering the evolution and metabolism of an anammox bacterium from a community genome. <i>Nature</i> , 2006, 440, 790-794.	27.8	1,075
2	Molecular mechanism of anaerobic ammonium oxidation. <i>Nature</i> , 2011, 479, 127-130.	27.8	707
3	Environmental, genomic and taxonomic perspectives on methanotrophic <i>Verrucomicrobia</i> . <i>Environmental Microbiology Reports</i> , 2009, 1, 293-306.	2.4	431
4	Methanotrophy below pH 1 by a new <i>Verrucomicrobia</i> species. <i>Nature</i> , 2007, 450, 874-878.	27.8	388
5	Hydrazine Synthase, a Unique Phylomarker with Which To Study the Presence and Biodiversity of Anammox Bacteria. <i>Applied and Environmental Microbiology</i> , 2012, 78, 752-758.	3.1	228
6	Co-occurrence and distribution of nitrite-dependent anaerobic ammonium and methane-oxidizing bacteria in a paddy soil. <i>FEMS Microbiology Letters</i> , 2012, 336, 79-88.	1.8	201
7	Expanding the <i>Verrucomicrobial</i> Methanotrophic World: Description of Three Novel Species of <i>Methylacidimicrobium</i> gen. nov. <i>Applied and Environmental Microbiology</i> , 2014, 80, 6782-6791.	3.1	161
8	Xylose metabolism in the anaerobic fungus <i>Piromyces</i> sp. strain E2 follows the bacterial pathway. <i>Archives of Microbiology</i> , 2003, 180, 134-141.	2.2	117
9	Intracellular localization of membrane-bound ATPases in the compartmentalized anammox bacterium <i>Candidatus</i> <i>Kuenenia stuttgartiensis</i> . <i>Molecular Microbiology</i> , 2010, 77, 701-715.	2.5	71
10	A highly expressed family 1 $\beta$ -glucosidase with transglycosylation capacity from the anaerobic fungus <i>Piromyces</i> sp. E2. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1574, 293-303.	2.4	63
11	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
12	Cell division ring, a new cell division protein and vertical inheritance of a bacterial organelle in anammox planctomycetes. <i>Molecular Microbiology</i> , 2009, 73, 1009-1019.	2.5	53
13	Draft Genome Sequence of the Volcano-Inhabiting Thermoacidophilic Methanotroph <i>Methylacidiphilum fumarolicum</i> Strain SolV. <i>Journal of Bacteriology</i> , 2012, 194, 3729-3730.	2.2	43
14	Enrichment of an anammox bacterial community from a flooded paddy soil. <i>Environmental Microbiology Reports</i> , 2013, 5, 483-489.	2.4	41
15	Cel6A, a major exoglucanase from the cellulosome of the anaerobic fungi <i>Piromyces</i> sp. E2 and <i>Piromyces equi</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2003, 1628, 30-39.	2.4	24
16	Genome analysis and heterologous expression of acetate-activating enzymes in the anammox bacterium <i>Kuenenia stuttgartiensis</i> . <i>Archives of Microbiology</i> , 2012, 194, 943-948.	2.2	23
17	Genomic DNA analysis of genes encoding (hemi-)cellulolytic enzymes of the anaerobic fungus <i>Piromyces</i> sp. E2. <i>Gene</i> , 2003, 314, 73-80.	2.2	19
18	Anammox bacteria in different compartments of recirculating aquaculture systems. <i>Biochemical Society Transactions</i> , 2011, 39, 1817-1821.	3.4	15

#	ARTICLE	IF	CITATIONS
19	Expression and characterisation of a major c-type cytochrome encoded by gene <i>kustc0563</i> from <i>Kuenenia stuttgartiensis</i> as a recombinant protein in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2007, 51, 28-33.	1.3	14
20	Close relationship of RNase P RNA in Gemmata and anammox planctomycete bacteria. <i>FEMS Microbiology Letters</i> , 2007, 268, 244-253.	1.8	5