

# Thijs Ettema

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5697286/publications.pdf>

Version: 2024-02-01

25  
papers

1,647  
citations

471371

17  
h-index

552653

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2082  
citing authors

#	ARTICLE	IF	CITATIONS
1	Innovations to culturing the uncultured microbial majority. <i>Nature Reviews Microbiology</i> , 2021, 19, 225-240.	13.6	254
2	Genomic exploration of the diversity, ecology, and evolution of the archaeal domain of life. <i>Science</i> , 2017, 357, .	6.0	247
3	Asgard archaea capable of anaerobic hydrocarbon cycling. <i>Nature Communications</i> , 2019, 10, 1822.	5.8	165
4	Proposal of the reverse flow model for the origin of the eukaryotic cell based on comparative analyses of Asgard archaeal metabolism. <i>Nature Microbiology</i> , 2019, 4, 1138-1148.	5.9	143
5	Genomic inference of the metabolism of cosmopolitan subsurface Archaea, Hadesarchaea. <i>Nature Microbiology</i> , 2016, 1, 16002.	5.9	118
6	Roadmap for naming uncultivated Archaea and Bacteria. <i>Nature Microbiology</i> , 2020, 5, 987-994.	5.9	115
7	Asgard archaea are the closest prokaryotic relatives of eukaryotes. <i>PLoS Genetics</i> , 2018, 14, e1007080.	1.5	114
8	TRASH: a novel metal-binding domain predicted to be involved in heavy-metal sensing, trafficking and resistance. <i>Trends in Biochemical Sciences</i> , 2003, 28, 170-173.	3.7	65
9	Confident phylogenetic identification of uncultured prokaryotes through long read amplicon sequencing of the 16S-23S rRNA operon. <i>Environmental Microbiology</i> , 2019, 21, 2485-2498.	1.8	46
10	Single cell genomics reveals plastid-lacking Picozoa are close relatives of red algae. <i>Nature Communications</i> , 2021, 12, 6651.	5.8	40
11	Hikarchaeia demonstrate an intermediate stage in the methanogen-to-halophile transition. <i>Nature Communications</i> , 2020, 11, 5490.	5.8	39
12	Expanding Archaeal Diversity and Phylogeny: Past, Present, and Future. <i>Annual Review of Microbiology</i> , 2021, 75, 359-381.	2.9	34
13	Identification and Functional Verification of Archaeal-Type Phosphoenolpyruvate Carboxylase, a Missing Link in Archaeal Central Carbohydrate Metabolism. <i>Journal of Bacteriology</i> , 2004, 186, 7754-7762.	1.0	33
14	The Archaeal Roots of the Eukaryotic Dynamic Actin Cytoskeleton. <i>Current Biology</i> , 2020, 30, R521-R526.	1.8	31
15	The evolutionary origin of host association in the Rickettsiales. <i>Nature Microbiology</i> , 2022, 7, 1189-1199.	5.9	29
16	Genomes of two archaeal endosymbionts show convergent adaptations to an intracellular lifestyle. <i>ISME Journal</i> , 2018, 12, 2655-2667.	4.4	26
17	Functional reconstruction of a eukaryotic-like E1/E2/(RING) E3 ubiquitylation cascade from an uncultured archaeon. <i>Nature Communications</i> , 2017, 8, 1120.	5.8	23
18	Geoarchaeote NAG1 is a deeply rooting lineage of the archaeal order Thermoproteales rather than a new phylum. <i>ISME Journal</i> , 2014, 8, 1353-1357.	4.4	19

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19	Chlamydial contribution to anaerobic metabolism during eukaryotic evolution. <i>Science Advances</i> , 2020, 6, eabb7258.	4.7	18
20	A closed <i>Candidatus Odinararchaeum</i> chromosome exposes Asgard archaeal viruses. <i>Nature Microbiology</i> , 2022, 7, 948-952.	5.9	18
21	Spatial separation of ribosomes and DNA in Asgard archaeal cells. <i>ISME Journal</i> , 2022, 16, 606-610.	4.4	17
22	Culturing the uncultured. <i>Nature Biotechnology</i> , 2019, 37, 1278-1279.	9.4	8
23	An efficient single-cell transcriptomics workflow for microbial eukaryotes benchmarked on <i>Giardia intestinalis</i> cells. <i>BMC Genomics</i> , 2020, 21, 448.	1.2	8
24	The human archaeome in focus. <i>Nature Microbiology</i> , 2022, 7, 10-11.	5.9	8
25	<sc>R</sc>olf <sc>B</sc>ernander (1956â€“2014): pioneer of the archaeal cell cycle. <i>Molecular Microbiology</i> , 2014, 92, 903-909.	1.2	1