

# Anna Engelbrektson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11867339/publications.pdf>

Version: 2024-02-01

13  
papers

4,701  
citations

758635

12  
h-index

1125271

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

6599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining the core <i>Arabidopsis thaliana</i> root microbiome. <i>Nature</i> , 2012, 488, 86-90.	13.7	2,475
2	Wrinkles in the rare biosphere: pyrosequencing errors can lead to artificial inflation of diversity estimates. <i>Environmental Microbiology</i> , 2010, 12, 118-123.	1.8	1,138
3	Experimental factors affecting PCR-based estimates of microbial species richness and evenness. <i>ISME Journal</i> , 2010, 4, 642-647.	4.4	523
4	Inhibition of microbial sulfate reduction in a flow-through column system by (per)chlorate treatment. <i>Frontiers in Microbiology</i> , 2014, 5, 315.	1.5	103
5	Mechanisms of direct inhibition of the respiratory sulfate-reduction pathway by (per)chlorate and nitrate. <i>ISME Journal</i> , 2015, 9, 1295-1305.	4.4	87
6	Control of sulfidogenesis through bio-oxidation of $H_2S$ coupled to (per)chlorate reduction. <i>Environmental Microbiology Reports</i> , 2014, 6, 558-564.	1.0	69
7	Physiological and Genetic Description of Dissimilatory Perchlorate Reduction by the Novel Marine Bacterium <i>Arcobacter</i> sp. Strain CAB. <i>MBio</i> , 2013, 4, e00217-13.	1.8	64
8	Structure and Evolution of Chlorate Reduction Composite Transposons. <i>MBio</i> , 2013, 4, .	1.8	64
9	Phenotypic and Genotypic Description of <i>Sedimenticola selenatireducens</i> Strain CUZ, a Marine (Per)Chlorate-Respiring Gammaproteobacterium, and Its Close Relative the Chlorate-Respiring <i>Sedimenticola</i> Strain NSS. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2717-2726.	1.4	61
10	Identification of a Perchlorate Reduction Genomic Island with Novel Regulatory and Metabolic Genes. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7401-7404.	1.4	57
11	Reactive Transport Model of Sulfur Cycling as Impacted by Perchlorate and Nitrate Treatments. <i>Environmental Science &amp; Technology</i> , 2016, 50, 7010-7018.	4.6	45
12	Mitigating Sulfidogenesis With Simultaneous Perchlorate and Nitrate Treatments. <i>Frontiers in Microbiology</i> , 2018, 9, 2305.	1.5	13
13	A Multiplex Immunosensor for Detecting Perchlorate-Reducing Bacteria for Environmental Monitoring and Planetary Exploration. <i>Frontiers in Microbiology</i> , 2020, 11, 590736.	1.5	2