

# Oliver Schmidt

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

409  
citations

840776

11  
h-index

1125743

13  
g-index

13  
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13  
docs citations

13  
times ranked

735  
citing authors

#	ARTICLE	IF	CITATIONS
1	Competing Formate- and Carbon Dioxide-Utilizing Prokaryotes in an Anoxic Methane-Emitting Fen Soil. <i>Applied and Environmental Microbiology</i> , 2011, 77, 3773-3785.	3.1	63
2	Peat: home to novel syntrophic species that feed acetate- and hydrogen-scavenging methanogens. <i>ISME Journal</i> , 2016, 10, 1954-1966.	9.8	62
3	Temperature impacts differentially on the methanogenic food web of cellulose-supplemented peatland soil. <i>Environmental Microbiology</i> , 2015, 17, 720-734.	3.8	60
4	Ecological Functions of Agricultural Soil Bacteria and Microeukaryotes in Chitin Degradation: A Case Study. <i>Frontiers in Microbiology</i> , 2019, 10, 1293.	3.5	52
5	Hitherto Unknown [Fe-Fe]-Hydrogenase Gene Diversity in Anaerobes and Anoxic Enrichments from a Moderately Acidic Fen. <i>Applied and Environmental Microbiology</i> , 2010, 76, 2027-2031.	3.1	51
6	Identification of a periplasmic AlgK-AlgX-MucD multiprotein complex in <i>Pseudomonas aeruginosa</i> involved in biosynthesis and regulation of alginate. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 215-227.	3.6	33
7	Novel [NiFe]- and [FeFe]-Hydrogenase Gene Transcripts Indicative of Active Facultative Aerobes and Obligate Anaerobes in Earthworm Gut Contents. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5842-5850.	3.1	22
8	Fermenters in the earthworm gut: do transients matter?. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	18
9	Protein- and RNA-Enhanced Fermentation by Gut Microbiota of the Earthworm <i>Lumbricus terrestris</i> . <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	14
10	Dietary polysaccharides: fermentation potentials of a primitive gut ecosystem. <i>Environmental Microbiology</i> , 2019, 21, 1436-1451.	3.8	13
11	Formate-derived H <sub>2</sub> , a driver of hydrogenotrophic processes in the root-zone of a methane-emitting fen. <i>Environmental Microbiology</i> , 2016, 18, 3106-3119.	3.8	12
12	Amino Acids and Ribose: Drivers of Protein and RNA Fermentation by Ingested Bacteria of a Primitive Gut Ecosystem. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	5
13	Organic carbon from graminoid roots as a driver of fermentation in a fen. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	2.7	4