

# Oliver Schmidt

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

409  
citations

840776

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1125743

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13  
docs citations

13  
times ranked

735  
citing authors

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