

# Uli KlÃ¼mper

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,630  
citations

567281

15  
h-index

642732

23  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated levels of antibiotic resistance in groundwater during treated wastewater irrigation associated with infiltration and accumulation of antibiotic residues. <i>Journal of Hazardous Materials</i> , 2022, 423, 127155.	12.4	20
2	Multiwalled Carbon Nanotubes Promote Bacterial Conjugative Plasmid Transfer. <i>Microbiology Spectrum</i> , 2022, , e0041022.	3.0	11
3	Fitness effects of plasmids shape the structure of bacteriaâ€™ plasmid interaction networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	11
4	Biogeographical Patterns of Bacterial Communities and Their Antibiotic Resistomes in the Inland Waters of Southeast China. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	2
5	Treated wastewater irrigation promotes the spread of antibiotic resistance into subsoil pore-water. <i>Environment International</i> , 2021, 146, 106190.	10.0	26
6	Antibiotic resistance gene load and irrigation intensity determine the impact of wastewater irrigation on antimicrobial resistance in the soil microbiome. <i>Water Research</i> , 2021, 193, 116818.	11.3	38
7	Biotransformation of lincomycin and fluoroquinolone antibiotics by the ammonia oxidizers AOA, AOB and comammox: A comparison of removal, pathways, and mechanisms. <i>Water Research</i> , 2021, 196, 117003.	11.3	33
8	Simultaneous estimation of parameters governing the vertical and horizontal transfer of antibiotic resistance genes. <i>Science of the Total Environment</i> , 2021, 798, 149174.	8.0	13
9	A converging subset of soil bacterial taxa is permissive to the IncP-1 plasmid pJK5 across a range of soil copper contamination. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	9
10	Zinc can counteract selection for ciprofloxacin resistance. <i>FEMS Microbiology Letters</i> , 2020, 367, .	1.8	16
11	Selection for antimicrobial resistance is reduced when embedded in a natural microbial community. <i>ISME Journal</i> , 2019, 13, 2927-2937.	9.8	102
12	Metagenomic and metatranscriptomic analyses reveal activity and hosts of antibiotic resistance genes in activated sludge. <i>Environment International</i> , 2019, 129, 208-220.	10.0	163
13	From Pig Breeding Environment to Subsequently Produced Pork: Comparative Analysis of Antibiotic Resistance Genes and Bacterial Community Composition. <i>Frontiers in Microbiology</i> , 2019, 10, 43.	3.5	26
14	Evolutionary implications of microplastics for soil biota. <i>Environmental Chemistry</i> , 2019, 16, 3.	1.5	114
15	AMR gene removal by conjugative delivery of CRISPR-Cas9. <i>Access Microbiology</i> , 2019, 1, .	0.5	1
16	Microplastic pollution increases gene exchange in aquatic ecosystems. <i>Environmental Pollution</i> , 2018, 237, 253-261.	7.5	397
17	Environmental dimensions of antibiotic resistance: assessment of basic science gaps. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	63
18	Assessment of molecular detection of anaerobic ammonium-oxidizing (anammox) bacteria in different environmental samples using PCR primers based on 16S rRNA and functional genes. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 7689-7702.	3.6	21

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19	Metal stressors consistently modulate bacterial conjugal plasmid uptake potential in a phylogenetically conserved manner. ISME Journal, 2017, 11, 152-165.	9.8	114
20	Broad host range plasmids can invade an unexpectedly diverse fraction of a soil bacterial community. ISME Journal, 2015, 9, 934-945.	9.8	330
21	Novel assay to measure the plasmid mobilizing potential of mixed microbial communities. Frontiers in Microbiology, 2014, 5, 730.	3.5	27
22	Protocol for Evaluating the Permissiveness of Bacterial Communities Toward Conjugal Plasmids by Quantification and Isolation of Transconjugants. Springer Protocols, 2014, , 275-288.	0.3	19
23	Long-term manure exposure increases soil bacterial community potential for plasmid uptake. Environmental Microbiology Reports, 2014, 6, 125-130.	2.4	59