

# Andreas Ulrich

## List of Publications by Year in descending order

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61  
papers

3,332  
citations

147801

31  
h-index

149698

56  
g-index

66  
all docs

66  
docs citations

66  
times ranked

4054  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Endophytic and ectophytic potato-associated bacterial communities differ in structure and antagonistic function against plant pathogenic fungi. <i>FEMS Microbiology Ecology</i> , 2005, 51, 215-229.  | 2.7 | 464       |
| 2  | Bacterial diversity of soils assessed by DGGE, T-RFLP and SSCP fingerprints of PCR-amplified 16S rRNA gene fragments: Do the different methods provide similar results?. <i>Journal of Microbiological Methods</i> , 2007, 69, 470-479.  | 1.6 | 208       |
| 3  | Diversity of endophytic bacterial communities in poplar grown under field conditions. <i>FEMS Microbiology Ecology</i> , 2008, 63, 169-180.  | 2.7 | 195       |
| 4  | Potato-associated bacteria and their antagonistic potential towards plant-pathogenic fungi and the plant-parasitic nematode <i>Meloidogyne incognita</i> (Kofoid & White) Chitwood. <i>Canadian Journal of Microbiology</i> , 2002, 48, 772-786.   | 1.7 | 165       |
| 5  | Identification of plant-associated enterococci. <i>Journal of Applied Microbiology</i> , 2001, 91, 268-278.  | 3.1 | 149       |
| 6  | Vertical distribution of structure and function of the methanogenic archaeal community in Lake Dagow sediment. <i>Environmental Microbiology</i> , 2005, 7, 1139-1149.   | 3.8 | 135       |
| 7  | Soil parent material is a key determinant of the bacterial community structure in arable soils. <i>FEMS Microbiology Ecology</i> , 2006, 56, 430-443.  | 2.7 | 125       |
| 8  | Description of <i>Microbacterium foliorum</i> sp. nov. and <i>Microbacterium phyllosphaerae</i> sp. nov., isolated from the phyllosphere of grasses and the surface litter after mulching the sward, and reclassification of <i>Aureobacterium resistens</i> (Funke et al. 1998) as <i>Microbacterium resistens</i> comb. nov... <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2001, 51, 1267-1276. | 1.7 | 110       |
| 9  | Fluorescent pseudomonads associated with the phyllosphere of grasses; <i>Pseudomonas trivialis</i> sp. nov., <i>Pseudomonas poae</i> sp. nov. and <i>Pseudomonas congelans</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1461-1469.   | 1.7 | 106       |
| 10 | Diversity of grass-associated Microbacteriaceae isolated from the phyllosphere and litter layer after mulching the sward; polyphasic characterization of <i>Subtercola pratensis</i> sp. nov., <i>Curtobacterium herbarum</i> sp. nov. and <i>Plantibacter flavus</i> gen. nov., sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1441-1454.  | 1.7 | 101       |
| 11 | Diversity and Activity of Cellulose-Decomposing Bacteria, Isolated from a Sandy and a Loamy Soil after Long-Term Manure Application. <i>Microbial Ecology</i> , 2008, 55, 512-522.   | 2.8 | 82        |
| 12 | Bacterial community dynamics during ensiling of perennial ryegrass at two compaction levels monitored by terminal restriction fragment length polymorphism. <i>Journal of Applied Microbiology</i> , 2016, 120, 1479-1491.   | 3.1 | 79        |
| 13 | A taxonomic study of bacteria isolated from grasses: a proposed new species <i>Pseudomonas graminis</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 1999, 49, 297-308.  | 1.7 | 75        |
| 14 | Characterization of heterotrophic nitrifying bacteria with respiratory ammonification and denitrification activity – Description of <i>Paenibacillus uliginis</i> sp. nov., an inhabitant of fen peat soil and <i>Paenibacillus purispatii</i> sp. nov., isolated from a spacecraft assembly clean room. <i>Systematic and Applied Microbiology</i> , 2010, 33, 328-336.   | 2.8 | 68        |
| 15 | Population dynamics and antagonistic potential of enterococci colonizing the phyllosphere of grasses. <i>Journal of Applied Microbiology</i> , 2001, 91, 54-66.  | 3.1 | 57        |
| 16 | Phylogenetic diversity of rhizobial strains nodulating <i>Robinia pseudoacacia</i> L.. <i>Microbiology (United Kingdom)</i> , 2008, 154, 107-115.  | 2.8 | 53        |
| 17 | Forest understory plant and soil microbial response to an experimentally induced drought and heat pulse event: the importance of maintaining the continuum. <i>Global Change Biology</i> , 2016, 22, 2861-2874.  | 9.5 | 51        |
| 18 | Ice nucleation activity of agricultural soil dust aerosols from Mongolia, Argentina, and Germany. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13,559.   | 3.3 | 49        |

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|----|--|-----|-----------|
| 19 | Heterogeneity of plant-associated streptococci as characterized by phenotypic features and restriction analysis of PCR-amplified 16S rDNA. <i>Journal of Applied Microbiology</i> , 1998, 84, 293-303.   | 3.1 | 44        |
| 20 | Diversity of grass-associated Microbacteriaceae isolated from the phyllosphere and litter layer after mulching the sward; polyphasic characterization of <i>Subtercola pratensis</i> sp. nov., <i>Curtobacterium herbarum</i> sp. nov. and <i>Plantibacter flavus</i> gen. nov., sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1441-1454. | 1.7 | 44        |
| 21 | Phenotypic and phylogenetic segregation of <i>Alternaria infectoria</i> from small-spored <i>Alternaria</i> species isolated from wheat in Germany and Russia. <i>Journal of Applied Microbiology</i> , 2015, 119, 1637-1650.  | 3.1 | 43        |
| 22 | Cellulose-Degrading Potentials and Phylogenetic Classification of Carboxymethyl-cellulose Decomposing Bacteria Isolated from Soil. <i>Systematic and Applied Microbiology</i> , 2002, 25, 584-591.   | 2.8 | 42        |
| 23 | Vegetation cover of forest, shrub and pasture strongly influences soil bacterial community structure as revealed by 16S rRNA gene T-RFLP analysis. <i>FEMS Microbiology Ecology</i> , 2008, 64, 449-458.   | 2.7 | 41        |
| 24 | Phylogenetic Diversity and Population Densities of Culturable Cellulolytic Soil Bacteria across an Agricultural Encatchment. <i>Microbial Ecology</i> , 1999, 37, 238-247.   | 2.8 | 40        |
| 25 | <i>Chryseobacterium gregarium</i> sp. nov., isolated from decaying plant material. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1069-1074.   | 1.7 | 40        |
| 26 | Water level changes affect carbon turnover and microbial community composition in lake sediments. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiv035.   | 2.7 | 39        |
| 27 | Effects of transgenic fructan-producing potatoes on the community structure of rhizosphere and phyllosphere bacteria. <i>FEMS Microbiology Ecology</i> , 2008, 66, 411-425.  | 2.7 | 38        |
| 28 | Soil Bacterial Community Structure Responses to Precipitation Reduction and Forest Management in Forest Ecosystems across Germany. <i>PLoS ONE</i> , 2015, 10, e0122539.   | 2.5 | 38        |
| 29 | Reclassification of <i>Leifsonia ginsengi</i> (Qiu et al. 2007) as <i>Herbiconiux ginsengi</i> gen. nov., comb. nov. and description of <i>Herbiconiux solani</i> sp. nov., an actinobacterium associated with the phyllosphere of <i>Solanum tuberosum</i> L.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 1039-1047.                            | 1.7 | 37        |
| 30 | <i>Chryseobacterium luteum</i> sp. nov., associated with the phyllosphere of grasses. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1881-1885.  | 1.7 | 36        |
| 31 | Drought in forest understory ecosystems – a novel rainfall reduction experiment. <i>Biogeosciences</i> , 2015, 12, 961-975.  | 3.3 | 36        |
| 32 | <i>Leucobacter tardus</i> sp. nov., isolated from the phyllosphere of <i>Solanum tuberosum</i> L.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2574-2578.   | 1.7 | 34        |
| 33 | Genomic Analysis of the Endophytic <i>Stenotrophomonas</i> Strain 169 Reveals Features Related to Plant-Growth Promotion and Stress Tolerance. <i>Frontiers in Microbiology</i> , 2021, 12, 687463.  | 3.5 | 34        |
| 34 | <i>Pseudomonas lurida</i> sp. nov., a fluorescent species associated with the phyllosphere of grasses. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 979-985.   | 1.7 | 32        |
| 35 | Spatial patterns of maternal lineages and clones of <i>Galium odoratum</i> in a large ancient woodland: inferences about seedling recruitment. <i>Journal of Ecology</i> , 2003, 91, 578-586.  | 4.0 | 29        |
| 36 | Reclassification of <i>Subtercola pratensis</i> Behrendt et al. 2002 as <i>Agreia pratensis</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 2041-2044.  | 1.7 | 28        |

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|----|---|-----|-----------|
| 37 | Taxonomic characterisation of <i>Proteus terrae</i> sp. nov., a N <sub>2</sub> O-producing, nitrate-ammonifying soil bacterium. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 1457-1468.  | 1.7 | 28        |
| 38 | Impact of aggressiveness of <i>Fusarium graminearum</i> and <i>F. culmorum</i> isolates on yield parameters and mycotoxin production in wheat. <i>Mycotoxin Research</i> , 2011, 27, 195-206.   | 2.3 | 25        |
| 39 | A Comparative Analysis of Ash Leaf-Colonizing Bacterial Communities Identifies Putative Antagonists of <i>Hymenoscyphus fraxineus</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 966.   | 3.5 | 25        |
| 40 | Flooding Causes Dramatic Compositional Shifts and Depletion of Putative Beneficial Bacteria on the Spring Wheat Microbiota. <i>Frontiers in Microbiology</i> , 2021, 12, 773116.  | 3.5 | 25        |
| 41 | Analyzing Ash Leaf-Colonizing Fungal Communities for Their Biological Control of <i>Hymenoscyphus fraxineus</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 590944.  | 3.5 | 24        |
| 42 | <i>Agrococcus versicolor</i> sp. nov., an actinobacterium associated with the phyllosphere of potato plants. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2833-2838.  | 1.7 | 22        |
| 43 | Dry-wet cycles of kettle hole sediments leave a microbial and biogeochemical legacy. <i>Science of the Total Environment</i> , 2018, 627, 985-996.  | 8.0 | 20        |
| 44 | <i>Pseudomonas cedrina</i> subsp. <i>fulgida</i> subsp. nov., a fluorescent bacterium isolated from the phyllosphere of grasses; emended description of <i>Pseudomonas cedrina</i> and description of <i>Pseudomonas cedrina</i> subsp. <i>cedrina</i> subsp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 1331-1335. | 1.7 | 18        |
| 45 | Characterization of the N <sub>2</sub> O-producing soil bacterium <i>Rhizobium azooxidifex</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2354-2361.  | 1.7 | 17        |
| 46 | The new class 11 transposon Tn163 is plasmid-borne in two unrelated <i>Rhizobium leguminosarum</i> biovar <i>viciae</i> strains. <i>Molecular Genetics and Genomics</i> , 1994, 242, 505-516.   | 2.4 | 16        |
| 47 | Genome-based phylogeny of the genera <i>Proteus</i> and <i>Cosenzaea</i> and description of <i>Proteus terrae</i> subsp. <i>terrae</i> subsp. nov. and <i>Proteus terrae</i> subsp. <i>cibarius</i> subsp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .   | 1.7 | 16        |
| 48 | Intraspecific differences in responses to rainshelter-induced drought and competition of <i>Fagus sylvatica</i> L. across Germany. <i>Forest Ecology and Management</i> , 2014, 330, 283-293.   | 3.2 | 15        |
| 49 | Crop biomass and humidity related factors reflect the spatial distribution of phytopathogenic <i>Fusarium</i> fungi and their mycotoxins in heterogeneous fields and landscapes. <i>Precision Agriculture</i> , 2016, 17, 698-720.  | 6.0 | 15        |
| 50 | Improved detection and quantification of cauliflower mosaic virus in food crops: assessing false positives in GMO screening based on the 35S promoter. <i>European Food Research and Technology</i> , 2018, 244, 1861-1871.   | 3.3 | 15        |
| 51 | Impact of multi-resistant transgenic Bt maize on straw decomposition and the involved microbial communities. <i>Applied Soil Ecology</i> , 2014, 73, 9-18.  | 4.3 | 14        |
| 52 | Responses of the structure and function of the understory plant communities to precipitation reduction across forest ecosystems in Germany. <i>Annals of Forest Science</i> , 2018, 75, 1.  | 2.0 | 13        |
| 53 | Excretion into the Culture Medium of a <i>Bacillus</i> ÅŸ-Glucanase after Overproduction in <i>Escherichia coli</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1990, 45, 240-244.   | 1.4 | 12        |
| 54 | High N <sub>2</sub> O consumption potential of weakly disturbed fen mires with dissimilar denitrifier community structure. <i>Soil Biology and Biochemistry</i> , 2019, 130, 63-72.   | 8.8 | 12        |

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|----|--|-----|-----------|
| 55 | <i>Pseudomonas campi</i> sp. nov., a nitrate-reducing bacterium isolated from grassland soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .   | 1.7 | 10        |
| 56 | Environmental Control on Microbial Turnover of Leaf Carbon in Streams – Ecological Function of Phototrophic-Heterotrophic Interactions. <i>Frontiers in Microbiology</i> , 2018, 9, 1044.  | 3.5 | 9         |
| 57 | Replikation ColE 1-verwandter Plasmide bei erh hter Wachstumstemperatur in Abh ngigkeit von der Rom-Funktion / Replication of ColE 1-Related Plasmids at Increased Growth Temperature in Dependence on the Rom Function. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1991, 46, 1063-1066. | 1.4 | 7         |
| 58 | ENDOPHYTES: STRUCTURAL AND FUNCTIONAL DIVERSITY AND BIOTECHNOLOGICAL APPLICATIONS IN CONTROL OF PLANT PATHOGENS. <i>Ecological Genetics</i> , 2008, 6, 17-26.  | 0.5 | 7         |
| 59 | Microorganisms in the phyllosphere of temperate forest ecosystems in a changing environment.. , 2006, , 51-65.   |     | 5         |
| 60 | Physiological and genomic characterisation of <i>Luteimonas fraxinea</i> sp. nov., a bacterial species associated with trees tolerant to ash dieback. <i>Systematic and Applied Microbiology</i> , 2022, 45, 126333.   | 2.8 | 4         |
| 61 | Conjugative transfer of a derivative of the IncP-1  plasmid RP4 and establishment of transconjugants in the indigenous bacterial community of poplar plants. <i>FEMS Microbiology Letters</i> , 2015, 362, fmv201.   | 1.8 | 3         |