

Undine Behrendt

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

682
citations

567281

15
h-index

752698

20
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22
all docs

22
docs citations

22
times ranked

706
citing authors

#	ARTICLE	IF	CITATIONS
1	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.. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1461-1469.	1.7	106
2	A taxonomic study of bacteria isolated from grasses: a proposed new species <i>Pseudomonas graminis</i> sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 297-308.	1.7	75
3	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. Systematic and Applied Microbiology, 2010, 33, 328-336.	2.8	68
4	The influence of extensification in grassland management on the populations of micro-organisms in the phyllosphere of grasses. Microbiological Research, 1997, 152, 75-85.	5.3	44
5	<i>Chryseobacterium gregarium</i> sp. nov., isolated from decaying plant material. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1069-1074.	1.7	40
6	Effects of transgenic fructan-producing potatoes on the community structure of rhizosphere and phyllosphere bacteria. FEMS Microbiology Ecology, 2008, 66, 411-425.	2.7	38
7	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.. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 1039-1047.	1.7	37
8	<i>Chryseobacterium luteum</i> sp. nov., associated with the phyllosphere of grasses. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1881-1885.	1.7	36
9	<i>Leucobacter tardus</i> sp. nov., isolated from the phyllosphere of <i>Solanum tuberosum</i> L.. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2574-2578.	1.7	34
10	<i>Pseudomonas lurida</i> sp. nov., a fluorescent species associated with the phyllosphere of grasses. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 979-985.	1.7	32
11	Antagonistic Potential of Fluorescent Pseudomonads Colonizing Wheat Heads Against Mycotoxin Producing <i>Alternaria</i> and <i>Fusaria</i> . Frontiers in Microbiology, 2018, 9, 2124.	3.5	31
12	Taxonomic characterisation of <i>Proteus terrae</i> sp. nov., a N ₂ O-producing, nitrate-ammonifying soil bacterium. Antonie Van Leeuwenhoek, 2015, 108, 1457-1468.	1.7	28
13	<i>Agrococcus versicolor</i> sp. nov., an actinobacterium associated with the phyllosphere of potato plants. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2833-2838.	1.7	22
14	Exploiting the biocontrol potential of plant-associated pseudomonads – A step towards pesticide-free agriculture?. Biological Control, 2021, 155, 104538.	3.0	20
15	<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.. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 1331-1335.	1.7	18
16	Characterization of the N ₂ O-producing soil bacterium <i>Rhizobium azooxidifex</i> sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2354-2361.	1.7	17
17	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.. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	16
18	<i>Pseudomonas campi</i> sp. nov., a nitrate-reducing bacterium isolated from grassland soil. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	10

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19	<i>Pseudomonas simiae</i> effects on the mycotoxin formation by <i>Fusaria</i> and <i>Alternaria</i> in vitro and in a wheat field. <i>Mycotoxin Research</i> , 2020, 36, 147-158.	2.3	6
20	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
21	Einfluss assoziativer Phyllosphären- und Rhizosphärenbakterien auf das Wachstum von Kulturpflanzen bei Temperaturen gemäßigter Klimate. <i>Archives of Agronomy and Soil Science</i> , 2001, 46, 339-358.	2.6	0
22	Mikroorganismen auf dem Grünland und ihre Bedeutung für die Futterqualität. <i>Archives of Agronomy and Soil Science</i> , 2001, 47, 245-262.	2.6	0