Daniela ZÃ¼hlke

List of Publications by Year
in descending order

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32	1,224	623734 14	454955 30
papers	citations	h-index	g-index

32	32	32	2072
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cellulose and hemicellulose decomposition by forest soil bacteria proceeds by the action of structurally variable enzymatic systems. Scientific Reports, 2016, 6, 25279.	3.3	328
2	Molecular mechanisms underlying the close association between soil Burkholderia and fungi. ISME Journal, 2016, 10, 253-264.	9.8	118
3	Fungal volatile compounds induce production of the secondary metabolite Sodorifen in Serratia plymuthica PRI-2C. Scientific Reports, 2017, 7, 862.	3.3	115
4	A metabolomics and proteomics study of the adaptation of Staphylococcus aureus to glucose starvation. Molecular BioSystems, 2011, 7, 1241.	2.9	89
5	The Lichensâ€™ Microbiota, Still a Mystery?. Frontiers in Microbiology, 2021, 12, 623839.	3.5	85
6	Decoding the complete arsenal for cellulose and hemicellulose deconstruction in the highly efficient cellulose decomposer Paenibacillus O199. Biotechnology for Biofuels, 2016, 9, 104.	6.2	56
7	The phosphoproteome and its physiological dynamics in Staphylococcus aureus. International Journal of Medical Microbiology, 2014, 304, 121-132.	3.6	48
8	A Core Genome Multilocus Sequence Typing Scheme for Enterococcus faecalis. Journal of Clinical Microbiology, 2019, 57, .	3.9	47
9	Costs of life - Dynamics of the protein inventory of Staphylococcus aureus during anaerobiosis. Scientific Reports, 2016, 6, 28172.	3.3	38
10	Proteomic analysis of the food spoiler Pseudomonas fluorescens ITEM 17298 reveals the antibiofilm activity of the pepsin-digested bovine lactoferrin. Food Microbiology, 2019, 82, 177-193.	4.2	36
11	Biofilm and Pathogenesis-Related Proteins in the Foodborne P. fluorescens ITEM 17298 With Distinctive Phenotypes During Cold Storage. Frontiers in Microbiology, 2020, 11, 991.	3.5	26
12	Differential View on the Bile Acid Stress Response of Clostridioides difficile. Frontiers in Microbiology, 2019, 10, 258.	3.5	24
13	A sulfur-containing volatile emitted by potato-associated bacteria confers protection against late blight through direct anti-oomycete activity. Scientific Reports, 2019, 9, 18778.	3.3	23
14	Proteome and carbon flux analysis of PseudomonasÂaeruginosa clinical isolates from different infection sites. Proteomics, 2016, 16, 1381-1385.	2.2	21
15	An optimized metaproteomics protocol for a holistic taxonomic and functional characterization of microbial communities from marine particles. Environmental Microbiology Reports, 2020, 12, 367-376.	2.4	18
16	Carbon Source-Dependent Reprogramming of Anaerobic Metabolism in Staphylococcus aureus. Journal of Bacteriology, 2021, 203, .	2.2	17
17	Biotransformation and reduction of estrogenicity of bisphenol A by the biphenyl-degrading Cupriavidus basilensis. Applied Microbiology and Biotechnology, 2017, 101, 3743-3758.	3.6	16
18	Metabolic Rearrangements Causing Elevated Proline and Polyhydroxybutyrate Accumulation During the Osmotic Adaptation Response of Bacillus megaterium. Frontiers in Bioengineering and Biotechnology, 2020, 8, 47.	4.1	16

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19	Impact of Different Trace Elements on the Growth and Proteome of Two Strains of Granulicella, Class â€œAcidobacteriiaâ€. Frontiers in Microbiology, 2020, 11, 1227.	3.5	15
20	Influenza A H1N1 Induced Disturbance of the Respiratory and Fecal Microbiome of German Landrace Pigs â€“ a Multi-Omics Characterization. Microbiology Spectrum, 2021, 9, e0018221.	3.0	14
21	Proteogenomics Uncovers Critical Elements of Host Response in Bovine Soft Palate Epithelial Cells Following In Vitro Infection with Foot-And-Mouth Disease Virus. Viruses, 2019, 11, 53.	3.3	13
22	Comparative proteome analysis in an Escherichia coli CyDisCo strain identifies stress responses related to protein production, oxidative stress and accumulation of misfolded protein. Microbial Cell Factories, 2019, 18, 19.	4.0	13
23	Detailed Soluble Proteome Analyses of a Dairy-Isolated Enterococcus faecalis: A Possible Approach to Assess Food Safety and Potential Probiotic Value. Frontiers in Nutrition, 2019, 6, 71.	3.7	11
24	Model of persistent footâ€andâ€mouth disease virus infection in multilayered cells derived from bovine dorsal soft palate. Transboundary and Emerging Diseases, 2020, 67, 133-148.	3.0	8
25	Responses of Acidobacteria Granulicella sp. WH15 to High Carbon Revealed by Integrated Omics Analyses. Microorganisms, 2020, 8, 244.	3.6	8
26	Metagenome-Assembled Genome Sequences from Different Wastewater Treatment Stages in Germany. Microbiology Resource Announcements, 2021, 10, e0050421.	0.6	6
27	MyxopyroninÂB inhibits growth of a Fidaxomicin-resistant ClostridioidesÂdifficile isolate and interferes with toxin synthesis. Gut Pathogens, 2022, 14, 4.	3.4	5
28	Stability of Proteins Out of Service: the GapB Case of Bacillus subtilis. Journal of Bacteriology, 2017, 199, .	2.2	4
29	Assays to Study Enzymatic and Nonâ€Enzymatic Protein Lysine Acetylation In Vitro. Current Protocols, 2021, 1, e277.	2.9	4
30	Bacillus pumilus KatX2 confers enhanced hydrogen peroxide resistance to a Bacillus subtilis PkatA::katX2 mutant strain. Microbial Cell Factories, 2017, 16, 72.	4.0	2
31	Complete Genome Sequence of Escherichia coli GW-AmxH19, Isolated from Hospital Wastewater in Greifswald, Germany. Microbiology Resource Announcements, 2020, 9, .	0.6	0
32	Inactivation of antibiotic-resistant microorganisms by physical plasma. Access Microbiology, 2022, 4, .	0.5	0