Kathleen Trautwein

List of Publications by Year
in descending order

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20 papers	550 citations	759233 12 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	522 citing authors

#	Article	IF	Citations
1	Global Response of <i>Phaeobacter inhibens</i> DSM 17395 to Deletion of Its 262-kb Chromid Encoding Antibiotic Synthesis. Microbial Physiology, 2020, 30, 9-24.	2.4	7
2	Amino Acid and Sugar Catabolism in the Marine Bacterium Phaeobacter inhibens DSM 17395 from an Energetic Viewpoint. Applied and Environmental Microbiology, 2019, 85, .	3.1	8
3	Applications of Difference Gel Electrophoresis (DIGE) in the Study of Microorganisms. Methods in Molecular Biology, 2018, 1841, 95-112.	0.9	1
4	The marine bacterium Phaeobacter inhibens secures external ammonium by rapid buildup of intracellular nitrogen stocks. FEMS Microbiology Ecology, 2018, 94, .	2.7	7
5	Photometric Determination of Ammonium and Phosphate in Seawater Medium Using a Microplate Reader. Journal of Molecular Microbiology and Biotechnology, 2017, 27, 73-80.	1.0	10
6	More than 2500Âyears of oil exposure shape sediment microbiomes with the potential for syntrophic degradation of hydrocarbons linked to methanogenesis. Microbiome, 2017, 5, 118.	11.1	31
7	Non-Redfield, nutrient synergy and flexible internal elemental stoichiometry in a marine bacterium. FEMS Microbiology Ecology, 2017, 93, .	2.7	8
8	High performance CCD camera system for digitalisation of 2D DIGE gels. Proteomics, 2016, 16, 1975-1979.	2.2	6
9	Native plasmids restrict growth of Phaeobacter inhibens DSM 17395: Energetic costs of plasmids assessed by quantitative physiological analyses. Environmental Microbiology, 2016, 18, 4817-4829.	3.8	34
10	Benzoate mediates the simultaneous repression of anaerobic 4-methylbenzoate and succinate utilization in Magnetospirillum sp. strain pMbN1. BMC Microbiology, 2014, 14, 269.	3.3	12
11	Pathways and substrateâ€specific regulation of amino acid degradation in <scp>P</scp>haeobacter inhibensâ€¦<scp>DSM</scp> 17395 (archetype of the marine <scp>R</scp>oseobacter clade). Environmental Microbiology, 2014, 16, 218-238.	3.8	28
12	Anaerobic Activation of p -Cymene in Denitrifying Betaproteobacteria: Methyl Group Hydroxylation versus Addition to Fumarate. Applied and Environmental Microbiology, 2014, 80, 7592-7603.	3.1	60
13	Towards habitat-oriented systems biology of â€œAromatoleum aromaticumâ€•EbN1. Applied Microbiology and Biotechnology, 2014, 98, 3371-3388.	3.6	47
14	Proteomic tools for environmental microbiologyâ€”A roadmap from sample preparation to protein identification and quantification. Proteomics, 2013, 13, 2700-2730.	2.2	49
15	Adaptation of <scp>P</scp>haeobacter inhibens<scp>DSM</scp> 17395 to growth with complex nutrients. Proteomics, 2013, 13, 2851-2868.	2.2	45
16	Dynamics of amino acid utilization in <scp>P</scp>haeobacter inhibens<scp>DSM</scp> 17395. Proteomics, 2013, 13, 2869-2885.	2.2	22
17	Benzoate Mediates Repression of C ₄ -Dicarboxylate Utilization in â€œAromatoleum aromaticumâ€•EbN1. Journal of Bacteriology, 2012, 194, 518-528.	2.2	29
18	Physiological and Proteomic Adaptation of â€œAromatoleum aromaticumâ€•EbN1 to Low Growth Rates in Benzoate-Limited, Anoxic Chemostats. Journal of Bacteriology, 2012, 194, 2165-2180.	2.2	32

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19	Proteogenomic evidence for Î²â€oxidation of plantâ€derived 3â€phenylpropanoids in â€œ<scp>A</scp>romatoleum aromaticumâ€•<scp>E</scp>b<scp>N</scp>1. Proteomics, 2012, 12, 1402-1413.	2.2	34
20	Solvent Stress Response of the Denitrifying Bacterium â€œ Aromatoleum aromaticum â€•Strain EbN1. Applied and Environmental Microbiology, 2008, 74, 2267-2274.	3.1	80