

Christian Eberlein

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

517
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

572
citing authors

#	ARTICLE	IF	CITATIONS
1	Immediate response mechanisms of Gram-negative solvent-tolerant bacteria to cope with environmental stress: cis-trans isomerization of unsaturated fatty acids and outer membrane vesicle secretion. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2583-2593.	3.6	103
2	Toward Biorecycling: Isolation of a Soil Bacterium That Grows on a Polyurethane Oligomer and Monomer. <i>Frontiers in Microbiology</i> , 2020, 11, 404.	3.5	64
3	Defined Microbial Mixed Culture for Utilization of Polyurethane Monomers. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17466-17474.	6.7	60
4	Identification and characterization of 2-naphthoyl-coenzyme A reductase, the prototype of a novel class of dearomatizing reductases. <i>Molecular Microbiology</i> , 2013, 88, 1032-1039.	2.5	52
5	Towards robust <i>Pseudomonas</i> cell factories to harbour novel biosynthetic pathways. <i>Essays in Biochemistry</i> , 2021, 65, 319-336.	4.7	44
6	Characterization of the <i>mbd</i> cluster encoding the anaerobic 3-methylbenzoyl-CoA central pathway. <i>Environmental Microbiology</i> , 2013, 15, 148-166.	3.8	37
7	ATP-dependent/independent enzymatic ring reductions involved in the anaerobic catabolism of naphthalene. <i>Environmental Microbiology</i> , 2013, 15, 1832-1841.	3.8	35
8	Benzoate Mediates Repression of C ₄ -Dicarboxylate Utilization in <i>Aromatoleum aromaticum</i> EbN1. <i>Journal of Bacteriology</i> , 2012, 194, 518-528.	2.2	29
9	Anaerobic degradation of 4-methylbenzoate via a specific 4-methylbenzoyl-CoA pathway. <i>Environmental Microbiology</i> , 2012, 14, 1118-1132.	3.8	27
10	Physiological evidence for the presence of a cis-trans isomerase of unsaturated fatty acids in <i>Methylococcus capsulatus</i> Bath to adapt to the presence of toxic organic compounds. <i>FEMS Microbiology Letters</i> , 2010, 308, 68-75.	1.8	16
11	Extracellular degradation of a polyurethane oligomer involving outer membrane vesicles and further insights on the degradation of 2,4-diaminotoluene in <i>Pseudomonas capeferrum</i> TDA1. <i>Scientific Reports</i> , 2022, 12, 2666.	3.3	14
12	Unraveling the Specific Regulation of the Central Pathway for Anaerobic Degradation of 3-Methylbenzoate. <i>Journal of Biological Chemistry</i> , 2015, 290, 12165-12183.	3.4	13
13	Quantification of outer membrane vesicles: a potential tool to compare response in <i>Pseudomonas putida</i> KT2440 to stress caused by alkanols. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 4193-4201.	3.6	11
14	Differences Between CEBPA bZIP and TAD Mutations and Their Effect on Outcome-an Analysis in 4578 Patients with Acute Myeloid Leukemia. <i>Blood</i> , 2016, 128, 283-283.	1.4	7
15	Screening and cultivating microbial strains able to grow on building blocks of polyurethane. <i>Methods in Enzymology</i> , 2021, 648, 423-434.	1.0	2
16	An optimized method for RNA extraction from the polyurethane oligomer degrading strain <i>Pseudomonas capeferrum</i> TDA1 growing on aromatic substrates such as phenol and 2,4-diaminotoluene. <i>PLoS ONE</i> , 2021, 16, e0260002.	2.5	2
17	Results of the "Evaluation of NGS in AML-Diagnostics (ELAN)-Study" an Inter-Laboratory Comparison Performed in 10 European Laboratories. <i>Blood</i> , 2014, 124, 2374-2374.	1.4	1