

Estrella Duque

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

807
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1022
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Survival of <i>Pseudomonas putida</i> KT2440 in soil and in the rhizosphere of plants under greenhouse and environmental conditions. <i>Soil Biology and Biochemistry</i> , 2000, 32, 315-321. | 8.8 | 181 |
| 2 | Mechanisms of solvent resistance mediated by interplay of cellular factors in <i>Pseudomonas putida</i> . <i>FEMS Microbiology Reviews</i> , 2015, 39, 555-566. | 8.6 | 143 |
| 3 | High-quality genome-scale metabolic modelling of <i>Pseudomonas putida</i> highlights its broad metabolic capabilities. <i>Environmental Microbiology</i> , 2020, 22, 255-269. | 3.8 | 127 |
| 4 | Interspecies signalling: <i>Pseudomonas putida</i> efflux pump <i>TtgGHI</i> is activated by indole to increase antibiotic resistance. <i>Environmental Microbiology</i> , 2014, 16, 1267-1281. | 3.8 | 77 |
| 5 | A Set of Activators and Repressors Control Peripheral Glucose Pathways in <i>Pseudomonas putida</i> To Yield a Common Central Intermediate. <i>Journal of Bacteriology</i> , 2008, 190, 2331-2339. | 2.2 | 76 |
| 6 | Analysis of the core genome and pangenome of <i>Pseudomonas putida</i> . <i>Environmental Microbiology</i> , 2016, 18, 3268-3283. | 3.8 | 65 |
| 7 | Analysis of solvent tolerance in <i>Pseudomonas putida</i> DOT1E based on its genome sequence and a collection of mutants. <i>FEBS Letters</i> , 2012, 586, 2932-2938. | 2.8 | 40 |
| 8 | Understanding butanol tolerance and assimilation in <i>Pseudomonas putida</i> ... <i>BIRD</i> : an integrated omics approach. <i>Microbial Biotechnology</i> , 2016, 9, 100-115. | 4.2 | 38 |
| 9 | Ruminal metagenomic libraries as a source of relevant hemicellulolytic enzymes for biofuel production. <i>Microbial Biotechnology</i> , 2018, 11, 781-787. | 4.2 | 16 |
| 10 | Twenty-first century chemical odyssey: fuels versus commodities and cell factories versus chemical plants. <i>Microbial Biotechnology</i> , 2019, 12, 200-209. | 4.2 | 16 |
| 11 | Developing robust protein analysis profiles to identify bacterial acid phosphatases in genomes and metagenomic libraries. <i>Environmental Microbiology</i> , 2020, 22, 3561-3571. | 3.8 | 9 |
| 12 | United Nations sustainability development goals approached from the side of the biological production of fuels. <i>Microbial Biotechnology</i> , 2021, 14, 1871-1877. | 4.2 | 8 |
| 13 | Providing octane degradation capability to <i>Pseudomonas putida</i> <i>KT2440</i> through the horizontal acquisition of <i>oct</i> genes located on an integrative and conjugative element. <i>Environmental Microbiology Reports</i> , 2022, 14, 934-946. | 2.4 | 6 |
| 14 | Synthesis of aromatic amino acids from 2G lignocellulosic substrates. <i>Microbial Biotechnology</i> , 2021, 14, 1931-1943. | 4.2 | 5 |