

Beatriz Galã;n

List of Publications by Year in descending order

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18
papers

515
citations

840776

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888059

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all docs

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docs citations

18
times ranked

530
citing authors

#	ARTICLE	IF	CITATIONS
1	New Insights on Steroid Biotechnology. <i>Frontiers in Microbiology</i> , 2018, 9, 958.	3.5	124
2	The turnover of medium-chain-length polyhydroxyalkanoates in <i>Pseudomonas putida</i> KT2442 and the fundamental role of PhaZ depolymerase for the metabolic balance. <i>Environmental Microbiology</i> , 2010, 12, 207-221.	3.8	108
3	<i>Mycobacterium smegmatis</i> is a suitable cell factory for the production of steroidal synthons. <i>Microbial Biotechnology</i> , 2017, 10, 138-150.	4.2	49
4	Engineering <i>Mycobacterium smegmatis</i> for testosterone production. <i>Microbial Biotechnology</i> , 2017, 10, 151-161.	4.2	43
5	Testosterone Degradative Pathway of <i>Novosphingobium tardaugens</i> . <i>Genes</i> , 2019, 10, 871.	2.4	30
6	Unraveling the 17 β -Estradiol Degradation Pathway in <i>Novosphingobium tardaugens</i> NBRC 16725. <i>Frontiers in Microbiology</i> , 2020, 11, 588300.	3.5	29
7	Engineering alternative isobutanol production platforms. <i>AMB Express</i> , 2015, 5, 119.	3.0	21
8	Genome of <i>Labrenzia</i> sp. PHM005 Reveals a Complete and Active Trans-AT PKS Gene Cluster for the Biosynthesis of Labrenzin. <i>Frontiers in Microbiology</i> , 2019, 10, 2561.	3.5	18
9	Identification and expression of the 11 β -steroid hydroxylase from <i>Cochliobolus lunatus</i> <i>Corynebacterium glutamicum</i> . <i>Microbial Biotechnology</i> , 2019, 12, 856-868.	4.2	15
10	Modulating redox metabolism to improve isobutanol production in <i>Shimwellia blattae</i> . <i>Biotechnology for Biofuels</i> , 2021, 14, 8.	6.2	15
11	Integrating greenhouse gas capture and C1 biotechnology: a key challenge for circular economy. <i>Microbial Biotechnology</i> , 2022, 15, 228-239.	4.2	14
12	Production of 11 β -hydroxysteroids from sterols in a single fermentation step by <i>Mycolicibacterium smegmatis</i> . <i>Microbial Biotechnology</i> , 2021, 14, 2514-2524.	4.2	12
13	Unravelling a new catabolic pathway of C β 19 steroids in <i>Mycobacterium smegmatis</i> . <i>Environmental Microbiology</i> , 2018, 20, 1815-1827.	3.8	11
14	Identification of <i>trans</i> -AT polyketide clusters in two marine bacteria reveals cryptic similarities between distinct symbiosis factors. <i>Environmental Microbiology</i> , 2021, 23, 2509-2521.	3.8	9
15	Engineering the Steroid Hydroxylating System from <i>Cochliobolus lunatus</i> in <i>Mycolicibacterium smegmatis</i> . <i>Microorganisms</i> , 2021, 9, 1499.	3.6	7
16	Bioconversion of Phytosterols into Androstadienedione by <i>Mycobacterium smegmatis</i> CECT 8331. <i>Methods in Molecular Biology</i> , 2017, 1645, 211-225.	0.9	7
17	Identification of the EdcR Estrogen-Dependent Repressor in <i>Caenibius tardaugens</i> NBRC 16725: Construction of a Cellular Estradiol Biosensor. <i>Genes</i> , 2021, 12, 1846.	2.4	3
18	Polyhydroxyalkanoate Production by <i>Caenibius tardaugens</i> from Steroidal Endocrine Disruptors. <i>Microorganisms</i> , 2022, 10, 706.	3.6	0