Beatriz GalÃ¡n

List of Publications by Year
in descending order

18 papers	515 citations	840776 11 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	530 citing authors

#	Article	IF	Citations
1	Polyhydroxyalkanoate Production by Caenibius tardaugens from Steroidal Endocrine Disruptors. Microorganisms, 2022, 10, 706.	3.6	0
2	Integrating greenhouse gas capture and C1 biotechnology: a key challenge for circular economy. Microbial Biotechnology, 2022, 15, 228-239.	4.2	14
3	Modulating redox metabolism to improve isobutanol production in Shimwellia blattae. Biotechnology for Biofuels, 2021, 14, 8.	6.2	15
4	Production of 11Î±â€hydroxysteroids from sterols in a single fermentation step by Mycolicibacterium smegmatis. Microbial Biotechnology, 2021, 14, 2514-2524.	4.2	12
5	Identification of <scp>transâ€AT</scp> polyketide clusters in two marine bacteria reveals cryptic similarities between distinct symbiosis factors. Environmental Microbiology, 2021, 23, 2509-2521.	3.8	9
6	Engineering the Steroid Hydroxylating System from Cochliobolus lunatus in Mycolicibacterium smegmatis. Microorganisms, 2021, 9, 1499.	3.6	7
7	Identification of the EdcR Estrogen-Dependent Repressor in Caenibius tardaugens NBRC 16725: Construction of a Cellular Estradiol Biosensor. Genes, 2021, 12, 1846.	2.4	3
8	Unraveling the 17Î²-Estradiol Degradation Pathway in Novosphingobium tardaugens NBRC 16725. Frontiers in Microbiology, 2020, 11, 588300.	3.5	29
9	Identification and expression of the 11Î²â€steroid hydroxylase fromCochliobolus lunatusinCorynebacterium glutamicum. Microbial Biotechnology, 2019, 12, 856-868.	4.2	15
10	Testosterone Degradative Pathway of Novosphingobium tardaugens. Genes, 2019, 10, 871.	2.4	30
11	Genome of Labrenzia sp. PHM005 Reveals a Complete and Active Trans-AT PKS Gene Cluster for the Biosynthesis of Labrenzin. Frontiers in Microbiology, 2019, 10, 2561.	3.5	18
12	Unravelling a new catabolic pathway of Câ€19 steroids in Mycobacterium smegmatis. Environmental Microbiology, 2018, 20, 1815-1827.	3.8	11
13	New Insights on Steroid Biotechnology. Frontiers in Microbiology, 2018, 9, 958.	3.5	124
14	Mycobacterium smegmatis is a suitable cell factory for the production of steroidic synthons. Microbial Biotechnology, 2017, 10, 138-150.	4.2	49
15	Engineering Mycobacterium smegmatis for testosterone production. Microbial Biotechnology, 2017, 10, 151-161.	4.2	43
16	Bioconversion of Phytosterols into Androstadienedione by Mycobacterium smegmatis CECT 8331. Methods in Molecular Biology, 2017, 1645, 211-225.	0.9	7
17	Engineering alternative isobutanol production platforms. AMB Express, 2015, 5, 119.	3.0	21
18	The turnover of mediumâ€chainâ€length polyhydroxyalkanoates in Pseudomonas putida KT2442 and the fundamental role of PhaZ depolymerase for the metabolic balance. Environmental Microbiology, 2010, 12, 207-221.	3.8	108