

# Jose Maria Pastor

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9485546/publications.pdf>

Version: 2024-02-01

8  
papers

613  
citations

1162889  
8  
h-index

1588896  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

947  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ectoines in cell stress protection: Uses and biotechnological production. <i>Biotechnology Advances</i> , 2010, 28, 782-801.	6.0	296
2	An insight into the role of phosphotransacetylase (pta) and the acetate/acetyl-CoA node in <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2009, 8, 54.	1.9	118
3	Acetate scavenging activity in <i>Escherichia coli</i> : interplay of acetyl-CoA synthetase and the PEP-glyoxylate cycle in chemostat cultures. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 2109-2124.	1.7	71
4	Role of Central Metabolism in the Osmoadaptation of the Halophilic Bacterium <i>Chromohalobacter salexigens</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 17769-17781.	1.6	53
5	Understanding the interplay of carbon and nitrogen supply for ectoines production and metabolic overflow in high density cultures of <i>Chromohalobacter salexigens</i> . <i>Microbial Cell Factories</i> , 2017, 16, 23.	1.9	27
6	Insights into metabolic osmoadaptation of the ectoines-producer bacterium <i>Chromohalobacter salexigens</i> through a high-quality genome scale metabolic model. <i>Microbial Cell Factories</i> , 2018, 17, 2.	1.9	26
7	Contribution of RpoS to metabolic efficiency and ectoines synthesis during the osmo- and heat-stress response in the halophilic bacterium <i>Chromohalobacter salexigens</i> . <i>Environmental Microbiology Reports</i> , 2015, 7, 301-311.	1.0	12
8	Fructose metabolism in <i>Chromohalobacter salexigens</i> : interplay between the Embden-Meyerhof-Parnas and Entner-Doudoroff pathways. <i>Microbial Cell Factories</i> , 2019, 18, 134.	1.9	10