

# Violeta SÃ nchez i NoguÃ©

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5206839/publications.pdf>

Version: 2024-02-01

15  
papers

692  
citations

687363

13  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Renewable acrylonitrile production. <i>Science</i> , 2017, 358, 1307-1310.	12.6	122
2	Stress-related challenges in pentose fermentation to ethanol by the yeast <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Journal</i> , 2011, 6, 286-299.	3.5	107
3	CRISPR Enabled Trackable genome Engineering for isopropanol production in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2017, 41, 1-10.	7.0	82
4	Adaptation to low pH and lignocellulosic inhibitors resulting in ethanolic fermentation and growth of <i>Saccharomyces cerevisiae</i> . <i>AMB Express</i> , 2016, 6, 59.	3.0	55
5	Physiological requirements for growth and competitiveness of <i>Dekkera bruxellensis</i> under oxygen-limited or anaerobic conditions. <i>Yeast</i> , 2012, 29, 265-274.	1.7	48
6	Integrated diesel production from lignocellulosic sugars via oleaginous yeast. <i>Green Chemistry</i> , 2018, 20, 4349-4365.	9.0	48
7	Engineering $\beta$ -oxidation in <i>Yarrowia lipolytica</i> for methyl ketone production. <i>Metabolic Engineering</i> , 2018, 48, 52-62.	7.0	39
8	Adaptation of <i>Scheffersomyces stipitis</i> to hardwood spent sulfite liquor by evolutionary engineering. <i>Biotechnology for Biofuels</i> , 2015, 8, 50.	6.2	38
9	Directed combinatorial mutagenesis of <i>Escherichia coli</i> for complex phenotype engineering. <i>Metabolic Engineering</i> , 2018, 47, 10-20.	7.0	32
10	Development of Lignocellulosic Biorefinery Technologies: Recent Advances and Current Challenges. <i>Australian Journal of Chemistry</i> , 2016, 69, 1201.	0.9	29
11	Propionic acid production from corn stover hydrolysate by <i>Propionibacterium acidipropionici</i> . <i>Biotechnology for Biofuels</i> , 2017, 10, 200.	6.2	25
12	Short-term adaptation improves the fermentation performance of <i>Saccharomyces cerevisiae</i> in the presence of acetic acid at low pH. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 7517-7525.	3.6	23
13	Hybrid SSF/SHF Processing of SO <sub>2</sub> Pretreated Wheat Straw – Tuning Co-fermentation by Yeast Inoculum Size and Hydrolysis Time. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 536-547.	2.9	21
14	Isolation and characterization of a resident tolerant <i>Saccharomyces cerevisiae</i> strain from a spent sulfite liquor fermentation plant. <i>AMB Express</i> , 2012, 2, 68.	3.0	13
15	Effect of cell immobilization and pH on <i>Scheffersomyces stipitis</i> growth and fermentation capacity in rich and inhibitory media. <i>Bioresources and Bioprocessing</i> , 2015, 2, .	4.2	9