

# Andres Hernandez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5193658/publications.pdf>

Version: 2024-02-01

10  
papers

286  
citations

1478505

6  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Xylitol bioproduction: state-of-the-art, industrial paradigm shift, and opportunities for integrated biorefineries. <i>Critical Reviews in Biotechnology</i> , 2019, 39, 924-943.	9.0	93
2	Sugarcane straw as a feedstock for xylitol production by <i>Candida guilliermondii</i> FTI 20037. <i>Brazilian Journal of Microbiology</i> , 2016, 47, 489-496.	2.0	65
3	Biochemical conversion of sugarcane straw hemicellulosic hydrolyzate supplemented with co-substrates for xylitol production. <i>Bioresource Technology</i> , 2016, 200, 1085-1088.	9.6	48
4	Physicochemical and thermal characteristics of sugarcane straw and its cellulignin. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	1.6	18
5	Sugarcane Syrup Improves Xylitol Bioproduction from Sugarcane Bagasse and Straw Hemicellulosic Hydrolysate. <i>Waste and Biomass Valorization</i> , 2020, 11, 4215-4224.	3.4	16
6	Biotechnological production of sweeteners. , 2020, , 261-292.		14
7	Xylitol and ethanol co-production from sugarcane bagasse and straw hemicellulosic hydrolysate supplemented with molasses. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 3143-3152.	4.6	12
8	Valorization of the sugarcane bagasse and straw hemicellulosic hydrolysate through xylitol bioproduction: effect of oxygen availability and sucrose supplementation as key factors. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 4901-4915.	4.6	8
9	Use of dry yeast biomass as a new approach for detoxification of hemicellulosic hydrolysates aiming to xylitol production. <i>Industrial Crops and Products</i> , 2021, 170, 113812.	5.2	7
10	Xylitol and sorbitol: production routes, challenges and opportunities in biorefineries integration. , 2022, , 233-268.		5