Oscar J SÃ¡nchez

List of Publications by Year
in descending order

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30	3,357	758635 12	552369 26
papers	citations	h-index	g-index

30	30	30	3848
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trends in biotechnological production of fuel ethanol from different feedstocks. Bioresource Technology, 2008, 99, 5270-5295.	4.8	1,450
2	Fuel ethanol production: Process design trends and integration opportunities. Bioresource Technology, 2007, 98, 2415-2457.	4.8	818
3	Fuel ethanol production from sugarcane and corn: Comparative analysis for a Colombian case. Energy, 2008, 33, 385-399.	4.5	262
4	Compost supplementation with nutrients and microorganisms in composting process. Waste Management, 2017, 69, 136-153.	3.7	239
5	Energy consumption analysis of integrated flowsheets for production of fuel ethanol from lignocellulosic biomass. Energy, 2006, 31, 2447-2459.	4.5	205
6	Process integration possibilities for biodiesel production from palm oil using ethanol obtained from lignocellulosic residues of oil palm industry. Bioresource Technology, 2009, 100, 1227-1237.	4.8	109
7	Conceptual design of cost-effective and environmentally-friendly configurations for fuel ethanol production from sugarcane by knowledge-based process synthesis. Bioresource Technology, 2012, 104, 305-314.	4.8	48
8	Production of lignocellulolytic enzymes from three white-rot fungi by solid-state fermentation and mathematical modeling. African Journal of Biotechnology, 2015, 14, 1304-1317.	0.3	26
9	Techno-economic analysis of bioethanol production in Africa: Tanzania case. Energy, 2012, 48, 442-454.	4.5	22
10	Polysaccharide Production by Submerged and Solid-State Cultures from Several Medicinal Higher Basidiomycetes. International Journal of Medicinal Mushrooms, 2013, 15, 71-79.	0.9	17
11	Techno-economic and Environmental Evaluation of Cheesemaking Waste Valorization Through Process Simulation Using SuperPro Designer. Waste and Biomass Valorization, 2020, 11, 6025-6045.	1.8	16
12	Review of Lactobacillus in the food industry and their culture media. Revista Colombiana De BiotecnologÃa, 2019, 21, 63-76.	0.5	15
13	Production of Bioethanol from Biomass: An Overview. , 2013, , 397-441.		14
14	Evaluation of plant-growth promoting properties of Gluconacetobacter diazotrophicus and Gluconacetobacter sacchari isolated from sugarcane and tomato in West Central region of Colombia. African Journal of Biotechnology, 2017, 16, 1619-1629.	0.3	13
15	Production of Lignocellulolytic Enzymes and Biomass of Trametes versicolor from Agro-Industrial Residues in a Novel Fixed-Bed Bioreactor with Natural Convection and Forced Aeration at Pilot Scale. Processes, 2021, 9, 397.	1.3	13
16	Analysis and Design of Extractive Fermentation Processes Using a Novel Short-Cut Method. Industrial & Engineering Chemistry Research, 2013, 52, 12915-12926.	1.8	11
17	Valorisation of rejected unripe plantain fruits ofMusaAAB Simmonds: from nutritional characterisation to the conceptual process design for prebiotic production. Food and Function, 2021, 12, 3009-3021.	2.1	11
18	Towards a biorefinery processing waste from plantain agroâ€“Industry: process development for the production of an isomaltoâ€“oligosaccharide syrup from rejected unripe plantain fruits. Food and Bioproducts Processing, 2022, 133, 100-118.	1.8	11

#	Article	IF	Citations
19	Polysaccharide Production by Submerged Fermentation. , 2015, , 451-473.		10
20	Assessment of Polysaccharide and Biomass Production from Three White-Rot Fungi by Solid-State Fermentation Using Wood and Agro-Industrial Residues: A Kinetic Approach. Forests, 2020, 11, 1055.	0.9	10
21	Residuos urbanos, agrÃcolas y pecuarios en el contexto de las biorrefinerÃas. Revista Facultad De IngenierÃa, 2019, 28, 7-32.	0.0	8
22	CinÃ©tica de crecimiento de <i>Gluconacetobacter diazotrophicus</i> usando melaza de caÃ±a y sacarosa: evaluaciÃ³n de modelos. Acta Biologica Colombiana, 2019, 24, 38-57.	0.1	7
23	An Improved Robust Adaptive Controller for a Fed-Batch Bioreactor with Input Saturation and Unknown Varying Control Gain via Dead-Zone Quadratic Forms. Computation, 2021, 9, 100.	1.0	5
24	Towards a biorefinery processing waste from plantain agro-industry: Assessment of the production of dairy cattle feed through process simulation. Biosystems Engineering, 2022, 217, 131-149.	1.9	5
25	Evaluation of the Growth Kinetics of Lactobacillus Plantarum ATCC 8014 on a Medium Based on Hydrolyzed Bovine Blood Plasma at Laboratory and Bench-Scale Levels and Its Application as a Starter Culture in a Meat Product. Fermentation, 2020, 6, 45.	1.4	4
26	Towards Valorization of Bovine Blood Plasma: Optimal Design of a Culture Medium Based on Bovine Blood Plasma with Enzymatically Hydrolyzed Proteins for the Growth of a Probiotic Bacterium by Submerged Fermentation. Waste and Biomass Valorization, 0, , 1.	1.8	4
27	Polysaccharide Production by Submerged Fermentation. , 2014, , 1-19.		1
28	Evaluation of the Physicalâ€“Chemical and Microbiological Characteristics of the Phospho-Compost Produced Under Forced Aeration System at the Industrial Scale. Waste and Biomass Valorization, 2020, 11, 5977-5990.	1.8	1
29	Plant growth promotion by Gluconacetobacter diazotrophicus and its interaction with genotype and phosphorus availability in tomato seedlings. Organic Agriculture, 2021, 11, 601-614.	1.2	1
30	DiseÃ±o eficiente de medios para la producciÃ³n de lacasa, manganeso peroxidasa y endoxilanasa de Trametes versicolor cultivado sobre residuos agroindustriales, mediante modelamiento matemÃ¡tico. InvestigaciÃ³n E InnovaciÃ³n En IngenierÃas, 2020, 8, 106-136.	0.2	1