

Denilson de Jesus Assis

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of nitrogen on growth, biomass composition, production, and properties of polyhydroxyalkanoates (PHAs) by microalgae. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 552-562.	3.6	101
2	Properties and Antioxidant Action of Actives Cassava Starch Films Incorporated with Green Tea and Palm Oil Extracts. <i>PLoS ONE</i> , 2014, 9, e105199.	1.1	65
3	Extraction and Characterization of Nanocellulose from Corn Stover. <i>Materials Today: Proceedings</i> , 2015, 2, 287-294.	0.9	42
4	Production and characterization of <i>Spirulina</i> sp. LEB 18 cultured in reused Zarrouk's medium in a raceway-type bioreactor. <i>Bioresource Technology</i> , 2019, 284, 340-348.	4.8	36
5	<i>Spirulina</i> sp. as a Bioremediation Agent for Aquaculture Wastewater: Production of High Added Value Compounds and Estimation of Theoretical Biodiesel. <i>Bioenergy Research</i> , 2021, 14, 254-264.	2.2	35
6	Xanthan Gum Production by <i>Xanthomonas campestris</i> pv. <i>campestris</i> IBSBF 1866 and 1867 from Lignocellulosic Agroindustrial Wastes. <i>Applied Biochemistry and Biotechnology</i> , 2018, 186, 750-763.	1.4	33
7	A Study of the Effects of Aeration and Agitation on the Properties and Production of Xanthan Gum from Crude Glycerin Derived from Biodiesel Using the Response Surface Methodology. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 2769-2785.	1.4	32
8	Effect of Source and Interaction with Nanocellulose Cassava Starch, Glycerol and the Properties of Films Bionanocomposites. <i>Materials Today: Proceedings</i> , 2015, 2, 200-207.	0.9	31
9	Pilot-scale isolation and characterization of extracellular polymeric substances (EPS) from cell-free medium of <i>Spirulina</i> sp. LEB-18 cultures under outdoor conditions. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 1106-1114.	3.6	30
10	Simultaneous Biosynthesis of Polyhydroxyalkanoates and Extracellular Polymeric Substance (EPS) from Crude Glycerol from Biodiesel Production by Different Bacterial Strains. <i>Applied Biochemistry and Biotechnology</i> , 2016, 180, 1110-1127.	1.4	22
11	Efficacy of <i>Spirulina</i> sp. polyhydroxyalkanoates extraction methods and influence on polymer properties and composition. <i>Algal Research</i> , 2018, 33, 231-238.	2.4	22
12	Influence of strain and fermentation time on the production, composition, and properties of xanthan gum. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48557.	1.3	18
13	Bioconversion from crude glycerin by <i>Xanthomonas campestris</i> 2103: xanthan production and characterization. <i>Brazilian Journal of Chemical Engineering</i> , 2013, 30, 737-746.	0.7	17
14	Simultaneous production of polyhydroxyalkanoate and xanthan gum: From axenic to mixed cultivation. <i>Bioresource Technology</i> , 2019, 283, 332-339.	4.8	12
15	Valorization of crude glycerol based on biological processes for accumulation of lipophilic compounds. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 728-736.	3.6	7
16	Investigation of cellular fatty acid composition of <i>Xanthomonas</i> spp. as chemical markers of productivity and quality of xanthan gum. <i>Carbohydrate Polymers</i> , 2018, 192, 291-298.	5.1	5
17	Obtaining Xanthan Gum Impregnated with Cellulose Microfibrils Derived from Sugarcane Bagasse. <i>Materials Today: Proceedings</i> , 2015, 2, 389-398.	0.9	4
18	Modeling Drying Isotherms Using a Structure Transition Model. <i>Drying Technology</i> , 2013, 31, 1008-1019.	1.7	3

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19	Influência da natureza do rejeito agroindustrial fermentado por <i>Xanthomonas axonopodis</i> pv. <i>manihotis</i> nas propriedades das gomas xantana resultantes. <i>Polimeros</i> , 2014, 24, 176-183.	0.2	3
20	Surfactin production using papaya peel aqueous extract as substrate and its application for iron adsorption. <i>Research, Society and Development</i> , 2020, 9, e437974077.	0.0	3
21	Biosynthesis of xanthan gum from residual glycerin from biodiesel production for drilling fluids. <i>BMC Proceedings</i> , 2014, 8, .	1.8	2
22	MAPEAMENTO TECNOLÓGICO DO PROCESSO DE OBTENÇÃO DO PHB ATRAVÉS DA ANÁLISE DE PEDIDOS DE PATENTES. <i>Revista GEINTEC</i> , 2013, 3, 055-069.	0.2	1
23	PROSPECTIVE STUDY ON THE PROPERTIES OF THERAPEUTIC ZINGIBER OFFICINALE (GINGER) WITH EMPHASIS ON ANTIMICROBIAL ACTION. <i>Revista GEINTEC</i> , 2014, 3, 427-436.	0.2	0
24	Avaliação da produção simultânea de polihidroxicanoatos (PHAs) e alginato por diferentes estirpes bacterianas cultivadas em meio contendo glicerina residual do biodiesel. , 0, , .		0
25	EFFECTS OF CRUDE GLYCEROL AND BACTERIAL STRAINS ON THE COMPOSITION AND THERMOPHYSICAL PROPERTIES OF NOVELS POLYHYDROXYALKANOATES. , 0, , .		0
26	INFLUÊNCIA AERÁFIO E AGITAÇÃO NA PRODUÇÃO, VISCOSIDADE E MASSA MOLECULAR DAS GOMAS XANTANA OBTIDAS A PARTIR DO BAGAÇO DE CANA. , 0, , .		0
27	PRODUÇÃO DE <i>Spirulina</i> sp. (LEB18) COM ELEVADOS TEORES DE PROTEÍNA E FICOCIANINA, UTILIZANDO ÁGUA RESIDUAL DA AQUICULTURA. , 0, , .		0