

# Reinaldo Bastos

## List of Publications by Year in descending order

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45  
papers

691  
citations

567281

15  
h-index

580821

25  
g-index

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46  
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Effect of light, CO <sub>2</sub> and nitrate concentration on <i>Chlorella vulgaris</i> growth and composition in a flat-plate photobioreactor. <i>Brazilian Journal of Chemical Engineering</i> , 2021, 38, 251-263.	1.3	8
2	Solid-State Cultivation of <i>Aspergillus niger</i> e <i>Trichoderma reesei</i> from Sugarcane Bagasse with Vinasse in Bench Packed-Bed Column Bioreactor. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 2983-2992.	2.9	1
3	Sequential process of solid-state cultivation with fungal consortium and ethanol fermentation by <i>Saccharomyces cerevisiae</i> from sugarcane bagasse. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 1-8.	3.4	5
4	Phycocyanin Production by <i>Aphanothece microscopica</i> Ngeli in Synthetic Medium Supplemented with Sugarcane Vinasse. <i>Applied Biochemistry and Biotechnology</i> , 2019, 187, 129-139.	2.9	11
5	The Role of Lignocellulosic Composition and Residual Lipids in Empty Fruit Bunches on the Production of Humic Acids in Submerged Fermentations. <i>Applied Biochemistry and Biotechnology</i> , 2019, 187, 957-964.	2.9	7
6	Production of humic acids by solid-state fermentation of <i>Trichoderma reesei</i> in raw oil palm empty fruit bunch fibers. <i>3 Biotech</i> , 2019, 9, 393.	2.2	7
7	Adaptation of domestic effluent for agricultural reuse by biological, physical treatment and disinfection by ultraviolet radiation. <i>Revista Ambiente &amp; gua</i> , 2019, 14, 1.	0.3	0
8	COD and nutrient removal from urban effluent by <i>desmodesmus subspicatus</i> . <i>Semina: Cincias Exatas E Tecnolgicas</i> , 2019, 40, 87.	0.1	1
9	Effect of the nutrient solution in the microbial production of citric acid from sugarcane bagasse and vinasse. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 19, 101147.	3.1	17
10	Growth of <i>Desmodesmus subspicatus</i> green microalgae and nutrient removal from sugarcane vinasse clarified by electrocoagulation using aluminum or iron electrodes. <i>DYNA (Colombia)</i> , 2019, 86, 225-232.	0.4	4
11	Production and characterization of alginate beads for growth of immobilized <i>Desmodesmus subspicatus</i> and its potential to remove potassium, carbon and nitrogen from sugarcane vinasse. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 22, 101438.	3.1	16
12	Sugarcane vinasse and microalgal biomass in the production of pectin particles as an alternative soil fertilizer. <i>Carbohydrate Polymers</i> , 2019, 203, 322-330.	10.2	31
13	Characterization of lignocellulosic composition and residual lipids in empty fruit bunches from palm oil processing. <i>Grasas Y Aceites</i> , 2019, 70, 314.	0.9	5
14	Heterotrophic growth of <i>Aphanothece microscopica</i> Ngeli in calcium alginate beads from BG11 medium and vinasse. <i>Semina: Cincias Exatas E Tecnolgicas</i> , 2019, 40, 155.	0.1	0
15	Biofuels from Microalgae: Bioethanol. <i>Green Energy and Technology</i> , 2018, , 229-246.	0.6	22
16	Single and combined effects of acetic acid, furfural, and sugars on the growth of the pentose-fermenting yeast <i>Meyerozyma guilliermondii</i> . <i>3 Biotech</i> , 2018, 8, 119.	2.2	17
17	Effects of feedstock and co-culture of <i>Lactobacillus fermentum</i> and wild <i>Saccharomyces cerevisiae</i> strain during fuel ethanol fermentation by the industrial yeast strain PE-2. <i>AMB Express</i> , 2018, 8, 23.	3.0	19
18	Influence of the use of wastewater on nutrient absorption and production of lettuce grown in a hydroponic system. <i>Agricultural Water Management</i> , 2018, 203, 311-321.	5.6	49

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19	Ethanol production from <i>Dekkera bruxellensis</i> in synthetic media with pentose. Brazilian Journal of Chemical Engineering, 2018, 35, 11-17.	1.3	7
20	Heterotrophic growth of green microalgae <i>Desmodesmus subspicatus</i> in ethanol distillation wastewater (vinasse) and lipid extraction with supercritical CO <sub>2</sub> . Journal of Chemical Technology and Biotechnology, 2017, 92, 573-579.	3.2	33
21	Yeast for Pentose Fermentation: Isolation, Screening, Performance, Manipulation, and Prospects. , 2017, , 133-157.		5
22	Effects of treated wastewater irrigation on soil properties and lettuce yield. Agricultural Water Management, 2017, 181, 108-115.	5.6	102
23	&lt;i>&gt;Development and characterization of pectin/vinasse films for agriculture applications&lt;/i>., 2017, , .		0
24	Lipid productivity in the fed-batch growth of <i>Desmodesmus</i> green microalgae from sugarcane vinasse. , 2017, , .		1
25	&lt;i>&gt;Sequential process of citric acid production in sugarcane bagasse by microbial consortium and ethanol fermentation from fungal extract&lt;/i>., 2017, , .		4
26	Influence of C/N ratio in growth of cyanobacteria <i>Geitlerinema</i> sp. from sugarcane vinasse. , 2017, , .		1
27	Temperature, pH and carbon source affect drastically indole acetic acid production of plant growth promoting yeasts. Brazilian Journal of Chemical Engineering, 2017, 34, 429-438.	1.3	16
28	Sonda de tdr para a estimativa de umidade em bagaÃ§o de Cana-de-aÃ§Ã©car. Engenharia Agrícola, 2016, 36, 24-35.	0.7	3
29	OXYGEN TRANSFER IN THE SOLID-STATE CULTIVATION OF <i>D. monoceras</i> ON POLYURETHANE FOAM AS AN INERT SUPPORT. Brazilian Journal of Chemical Engineering, 2016, 33, 793-799.	1.3	5
30	Microfluidic tools toward industrial biotechnology. Biotechnology Progress, 2016, 32, 1372-1389.	2.6	32
31	A strain of <i>Meyerozyma guilliermondii</i> isolated from sugarcane juice is able to grow and ferment pentoses in synthetic and bagasse hydrolysate media. World Journal of Microbiology and Biotechnology, 2016, 32, 80.	3.6	32
32	Cultivation of yeast in diffusion-based microfluidic device. Biochemical Engineering Journal, 2016, 105, 288-295.	3.6	14
33	COD and nitrogen removal from sugarcane vinasse by heterotrophic green algae <i>Desmodesmus</i> sp.. Desalination and Water Treatment, 2016, 57, 9465-9473.	1.0	40
34	EficiÃªncia de estaÃ§Ã£o de tratamento de esgoto domÃ©stico visando reuso agrÃ©cola. Revista Ambiente & Ãgua, 2015, 10, .	0.3	13
35	Physical-chemical effects of irrigation with treated wastewater on Dusky Red Latosol soil. Revista Ambiente & Ãgua, 2015, 10, .	0.3	4
36	INFLUENCE OF SOLID MOISTURE AND BED HEIGHT ON CULTIVATION OF <i>Aspergillus niger</i> FROM SUGARCANE BAGASSE WITH VINASSE. Brazilian Journal of Chemical Engineering, 2015, 32, 377-384.	1.3	14

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37	Potencial de efluente de esgoto doméstico tratado como fonte de água e nutrientes no cultivo hidropônico de alface. Revista Ambiente & Água, 2015, 10, .	0.3	8
38	Treatment of rice parboiling wastewater by cyanobacterium <i>Aphanothece microscopica</i> Nägeli with potential for biomass products. Desalination and Water Treatment, 2015, 56, 608-614.	1.0	10
39	The influence of process parameters in production of lipopeptide iturin A using aerated packed bed bioreactors in solid-state fermentation. Bioprocess and Biosystems Engineering, 2014, 37, 1569-1576.	3.4	16
40	Oxygen Transfer in Solid-State Cultivation Under Controlled Moisture Conditions. Applied Biochemistry and Biotechnology, 2014, 174, 708-718.	2.9	7
41	The Solid-State Cultivation of <i>Streptococcus zooepidemicus</i> in Polyurethane Foam as a Strategy for the Production of Hyaluronic Acid. Applied Biochemistry and Biotechnology, 2013, 170, 1491-1502.	2.9	3
42	Use of treated wastewater for lettuce cultivation. , 2013, , .		0
43	Influence of wastewater on the Physical-chemicals Properties of Soil. , 2012, , .		0
44	Catechol biodegradation kinetics using <i>Candida parapsilopsis</i> . Brazilian Archives of Biology and Technology, 2010, 53, 481-486.	0.5	12
45	The kinetics of the removal of nitrogen and organic matter from parboiled rice effluent by cyanobacteria in a stirred batch reactor. Bioresource Technology, 2007, 98, 2163-2169.	9.6	88