

Alexandre S Santos

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

432
citations

10
h-index

19
g-index

57
ext. papers

492
ext. citations

1.6
avg, IF

3.28
L-index

#	Paper	IF	Citations
42	Production of biosurfactants from <i>Pseudomonas aeruginosa</i> PA 1 isolated in oil environments. <i>Brazilian Journal of Chemical Engineering</i> , 2002 , 19, 159-166	1.7	75
41	Evaluation of different carbon and nitrogen sources in production of rhamnolipids by a strain of <i>Pseudomonas aeruginosa</i> . <i>Applied Biochemistry and Biotechnology</i> , 2002 , 98-100, 1025-35	3.2	69
40	Strategies for improved rhamnolipid production by <i>Pseudomonas aeruginosa</i> PA1. <i>PeerJ</i> , 2016 , 4, e20783.1	3.1	29
39	Composition and growth of sorghum biomass genotypes for ethanol production. <i>Biomass and Bioenergy</i> , 2019 , 122, 343-348	5.3	28
38	Biosurfactant production by <i>Rhodococcus erythropolis</i> grown on glycerol as sole carbon source. <i>Applied Biochemistry and Biotechnology</i> , 2006 , 131, 880-6	3.2	28
37	Simultaneous Determination of Caffeine and Acetylsalicylic Acid in Pharmaceutical Formulations Using a Boron-Doped Diamond Film Electrode by Differential Pulse Voltammetry. <i>Electroanalysis</i> , 2012 , 24, 1141-1146	3	27
36	Acid and enzymatic hydrolysis of the residue from Castor Bean (<i>Ricinus communis</i> L.) oil extraction for ethanol production: detoxification and biodiesel process integration. <i>Journal of the Brazilian Chemical Society</i> , 2008 , 19, 418-425	1.5	25
35	Determination of sildenafil citrate (Viagra [®]) in various pharmaceutical formulations by flow injection analysis with multiple pulse amperometric detection. <i>Journal of the Brazilian Chemical Society</i> , 2012 , 23, 1800-1806	1.5	18
34	Hydrolysis, Detoxification and Alcoholic Fermentation of Hemicellulose Fraction from Palm Press Fiber. <i>Waste and Biomass Valorization</i> , 2018 , 9, 957-968	3.2	12
33	Thermovinification of grapes from the Cabernet Sauvignon and Pinot Noir varieties using immobilized yeasts. <i>European Food Research and Technology</i> , 2014 , 238, 79-84	3.4	12
32	Pequi cake composition, hydrolysis and fermentation to bioethanol. <i>Brazilian Journal of Chemical Engineering</i> , 2011 , 28, 9-15	1.7	10
31	Produção de etanol a partir de torta de mamona (<i>Ricinus communis</i> L.) e avaliação da letalidade da torta hidrolisada para camundongos. <i>Quimica Nova</i> , 2008 , 31, 1104-1106	1.6	10
30	Study of Anaerobic Co-digestion of Crude Glycerol and Swine Manure for the Production of Biogas. <i>Revista Virtual De Química</i> , 2017 , 9, 2383-2403	1.3	9
29	Xylose fermentation to ethanol by new and strains. <i>PeerJ</i> , 2018 , 6, e4673	3.1	9
28	INFLUÊNCIA DO ESPAÇAMENTO DE PLANTIO NA PRODUÇÃO ENERGÉTICA DE CLONES DE <i>Corymbia</i> e <i>Eucalyptus</i> . <i>Floresta</i> , 2017 , 47, 95	0.6	6
27	Effect of row spacing and maturity at harvest on the fermentative profile, aerobic stability, and nutritional characteristics of biomass sorghum (BRS 716) silage in the semiarid region of Brazil. <i>Revista Brasileira De Zootecnia</i> , 2021 , 50,	1.2	6
26	A simple method for obtaining a highly enantioselective enzymatic preparation from baker's yeast for the reduction of β -keto esters. <i>Biotechnology Letters</i> , 1998 , 12, 35-37		5

25	Integrated production of second-generation ethanol and biogas from sugarcane bagasse pretreated with ozone. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	5
24	Leaf carbohydrates in Bonkan mandarin fruit quality under chemical thinning - doi: 10.4025/actasciagraron.v35i3.16219. <i>Acta Scientiarum - Agronomy</i> , 2013, 35,	0.6	4
23	Ethanol Production and Other Bioproducts by <i>Galactomyces geotrichum</i> from Sugarcane Bagasse Hydrolysate. <i>Current Microbiology</i> , 2020, 77, 738-745	2.4	4
22	Caracteriza�o f�sica e f�sico-qu�mica de frutos de duas variedades de tamarilho oriundas do Norte de Minas Gerais. <i>Revista Brasileira De Fruticultura</i> , 2009, 31, 916-919	1.2	3
21	Evaluation of buriti endocarp as lignocellulosic substrate for second generation ethanol production. <i>PeerJ</i> , 2018, 6, e5275	3.1	3
20	Effects of propolis on lingual mucosa response of hamsters submitted to experimental carcinogenesis. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2012, 10, 1443-50		3
19	Development of bouillon cubes from souari nut pulp: formulation and physicochemical and sensorial evaluations. <i>Brazilian Journal of Food Technology</i> , 2016, 19,	1.5	3
18	Effect of wilting time and enzymatic-bacterial inoculant on the fermentative profile, aerobic stability, and nutritional value of BRS capia grass silage. <i>Revista Brasileira De Zootecnia</i> , 2021, 50,	1.2	3
17	Nutritional value of sugarcane silages added with different acetic acid doses. <i>Semina:Ciencias Agrarias</i> , 2019, 40, 2387	0.6	2
16	Fermentation characteristics of elephant grass silages with maca�ba cake. <i>Acta Scientiarum - Animal Sciences</i> , 2017, 40, 42523	0.3	2
15	Evaluation of productivity of sweet potato genotypes for first and second generation bioethanol production. <i>African Journal of Biotechnology</i> , 2017, 16, 2289-2298	0.6	2
14	Evaluation of cell recycle on <i>Thermomyces lanuginosus</i> xylanase a production by <i>Pichia pastoris</i> GS 115. <i>Applied Biochemistry and Biotechnology</i> , 2006, 129, 226-233	3.2	2
13	Carboidratos foliares durante a flora�o e os est�gios iniciais de crescimento de frutinhos em tangerineira 'Ponkan'. <i>Pesquisa Agropecuaria Brasileira</i> , 2014, 49, 34-39	1.8	2
12	Structure and properties of starch and flour of four Brazilian sweet potatoes (<i>Ipomoea batatas</i>) cultivars. <i>Revista Materia</i> , 2020, 25,	0.8	2
11	Carbohydrate levels in the leaves and production consistency of the Ponkan tangerine when thinned out with Ethephon. <i>Revista Ciencia Agronomica</i> , 2013, 44, 571-577	1	2
10	Effects of microbial inoculant and fibrolytic enzymes on fermentation quality and nutritional value of BRS capia grass silage. <i>Semina:Ciencias Agrarias</i> , 2021, 42, 1837-1852	0.6	2
9	Nutritional value of pre-dried banana tree pseudostem ammoniated with protected urea. <i>Semina:Ciencias Agrarias</i> , 2020, 41, 1345	0.6	1
8	�Amylase production by <i>Bacillus amyloliquefaciens</i> utilizing macauba cake (<i>Acrocomia aculeata</i>) and peach palm flour (<i>Bactris gasipaes</i> Kunth) as substrates. <i>Biocatalysis and Biotransformation</i> , 2016, 34, 76-82	2.5	1

7	Optimization of Hydrogen Yield from the Anaerobic Digestion of Crude Glycerol and Swine Manure. <i>Catalysts</i> , 2019 , 9, 316	4	1
6	Chemical composition of sugarcane silages with crambe bran. <i>Ciencia E Agrotecnologia</i> ,44,	1.6	1
5	Anaerobic co-digestion of raw glycerol and swine manure: microbial communities. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	0
4	Ethanol and organic acid production related to the microbial population in sugarcane silages with admixed crambe (<i>Crambe abyssinica</i> Hochst) bran. <i>New Zealand Journal of Agricultural Research</i> ,1-20	1.9	0
3	ACCUMULATION OF MALIC ACID AND OTHER INDUSTRIALLY IMPORTANT ORGANIC ACIDS BY ASPERGILLUS TUBINGENSIS AN1257 / PRODUTOS BIOTECNOLÓGICOS DE ÁCIDO MÁLICO POR ASPERGILLUS TUBINGENSIS AN1257. <i>Brazilian Journal of Development</i> , 2020 , 6, 70999-71021	0	
2	Strategies for Obtaining Biofuels Through the Fermentation of C5-Raw Materials: Part 1 2021 , 69-84		
1	Strategies for Obtaining Biofuels Through the Fermentation of C5-Raw Materials: Part 2 2021 , 85-103		