

Alexandre S Santos

List of Publications by Year in descending order

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50
papers

576
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758635

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23
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57
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57
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57
times ranked

923
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.7	92
2	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, 1025-1036.	1.4	81
3	Composition and growth of sorghum biomass genotypes for ethanol production. <i>Biomass and Bioenergy</i> , 2019, 122, 343-348.	2.9	42
4	Strategies for improved rhamnolipid production by <i>Pseudomonas aeruginosa</i> PA1. <i>PeerJ</i> , 2016, 4, e2078.	0.9	36
5	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.	1.5	35
6	Biosurfactant Production by <i>Rhodococcus erythropolis</i> Grown on Glycerol As Sole Carbon Source. <i>Applied Biochemistry and Biotechnology</i> , 2006, 131, 880-886.	1.4	31
7	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.	0.6	28
8	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.	0.6	21
9	Pequi cake composition, hydrolysis and fermentation to bioethanol. <i>Brazilian Journal of Chemical Engineering</i> , 2011, 28, 9-15.	0.7	14
10	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.	1.6	13
11	Hydrolysis, Detoxification and Alcoholic Fermentation of Hemicellulose Fraction from Palm Press Fiber. <i>Waste and Biomass Valorization</i> , 2018, 9, 957-968.	1.8	13
12	Xylose fermentation to ethanol by new <i>Galactomyces geotrichum</i> and <i>Candida akabanensis</i> strains. <i>PeerJ</i> , 2018, 6, e4673.	0.9	13
13	Study of Anaerobic Co-digestion of Crude Glycerol and Swine Manure for the Production of Biogas. <i>Revista Virtual De Quimica</i> , 2017, 9, 2383-2403.	0.1	13
14	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.	0.3	12
15	Integrated production of second-generation ethanol and biogas from sugarcane bagasse pretreated with ozone. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 809-825.	2.9	11
16	INFLUÊNCIA DO ESPAÇAMENTO DE PLANTIO NA PRODUÇÃO ENERGÉTICA DE CLONES DE <i>Corymbia</i> e <i>Eucalyptus</i> . <i>Floresta</i> , 2017, 47, 95.	0.1	11
17	Ethanol Production and Other Bioproducts by <i>Galactomyces geotrichum</i> from Sugarcane Bagasse Hydrolysate. <i>Current Microbiology</i> , 2020, 77, 738-745.	1.0	10
18	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, .	0.3	9

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19	Effect of wilting time and enzymatic-bacterial inoculant on the fermentative profile, aerobic stability, and nutritional value of BRS capia's grass silage. <i>Revista Brasileira De Zootecnia</i> , 2021, 50, .	0.3	8
20	Leaf carbohydrates in 'Ponkan'™ mandarin fruit quality under chemical thinning - doi: 10.4025/actasciagr.v35i3.16219. <i>Acta Scientiarum - Agronomy</i> , 2013, 35, .	0.6	6
21	Title is missing!. <i>Biotechnology Letters</i> , 1998, 12, 35-37.	0.5	5
22	Caracterizaçãofísica e físico-química de frutos de duas variedades de tamarilho oriundas do Norte de Minas Gerais. <i>Revista Brasileira De Fruticultura</i> , 2009, 31, 916-919.	0.2	5
23	Optimization of Hydrogen Yield from the Anaerobic Digestion of Crude Glycerol and Swine Manure. <i>Catalysts</i> , 2019, 9, 316.	1.6	5
24	Anaerobic co-digestion of raw glycerol and swine manure: microbial communities. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 7127-7138.	2.9	5
25	Carboidratos foliares durante a floraçãoe os estádios iniciais de crescimento de frutinhos em tangerineira 'Ponkan'. <i>Pesquisa Agropecuaria Brasileira</i> , 2014, 49, 34-39.	0.9	5
26	Development of bouillon cubes from souari nut pulp: formulation and physicochemical and sensorial evaluations. <i>Brazilian Journal of Food Technology</i> , 2016, 19, .	0.8	4
27	Evaluation of productivity of sweet potato genotypes for first and second generation bioethanol production. <i>African Journal of Biotechnology</i> , 2017, 16, 2289-2298.	0.3	4
28	Nutritional value of sugarcane silages added with different acetic acid doses. <i>Semina:Ciencias Agrarias</i> , 2019, 40, 2387.	0.1	4
29	Effects of microbial inoculant and fibrolytic enzymes on fermentation quality and nutritional value of BRS capia's grass silage. <i>Semina:Ciencias Agrarias</i> , 2021, 42, 1837-1852.	0.1	4
30	Structure and properties of starch and flour of four Brazilian sweet potatoes (<i>Ipomoea batatas</i>) cultivars. <i>Revista Materia</i> , 2020, 25, .	0.1	4
31	Fermentation characteristics of elephant grass silages with macaãba cake. <i>Acta Scientiarum - Animal Sciences</i> , 2017, 40, 42523.	0.3	3
32	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.	0.1	3
33	Evaluation of buriti endocarp as lignocellulosic substrate for second generation ethanol production. <i>PeerJ</i> , 2018, 6, e5275.	0.9	3
34	Effects of propolis on lingual mucosa response of hamsters submitted to experimental carcinogenesis. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2012, 10, 1443-1450.	0.7	3
35	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.	1.4	2
36	Near-infrared spectroscopy for the evaluation and prediction of injuries associated with the attack of <i>Thaumastocoris peregrinus</i> (Carpintero & Dellap) in <i>Eucalyptus camaldulensis</i> (Dehnh). <i>Scientia Forestalis/Forest Sciences</i> , 2018, 46, .	0.2	2

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37	Production of Second Generation Ethanol from Water Hyacinth: A Review. Revista Virtual De Quimica, 2019, 11, 127-143.	0.1	2
38	Ethanol Production from Waste of Paper Industry. Revista Virtual De Quimica, 2020, 12, 827-839.	0.1	2
39	Chemical composition of sugarcane silages with crambe bran. Ciencia E Agrotecnologia, 0, 44, .	1.5	2
40	Ethanol and organic acid production related to the microbial population in sugarcane silages with admixed crambe (<i>Crambe abyssinica</i> Hochst) bran. New Zealand Journal of Agricultural Research, 0, , 1-20.	0.9	2
41	Î±-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. Biocatalysis and Biotransformation, 2016, 34, 76-82.	1.1	1
42	Nutritional value of pre-dried banana tree pseudostem ammoniated with protected urea. Semina: Ciências Agrárias, 2020, 41, 1345.	0.1	1
43	FERMENTAÇÃO ALCOÓLICA DE HIDROLISADO HEMICELULÓSICO DE TORTA DE GIRASSOL POR <i>Galactomyces geotrichum</i> UFVJM-R10 E <i>Candida akabanensis</i> UFVJM-R131. Quimica Nova, 0, , .	0.3	1
44	Microalgae and Biofuels: Integration of Productive Chains. Revista Virtual De Quimica, 2018, 10, 999-1017.	0.1	1
45	Qualidade de amora-preta produzida em diferentes épocas em condições de clima temperado úmido. Revista Brasileira de Ciências Agrárias, 2017, 12, 142-147.	0.3	1
46	Diagnóstico da qualidade química de vinhos produzidos na região Sul do estado de Minas Gerais. Research, Society and Development, 2020, 9, e3479119763.	0.0	1
47	Chemometric Determination of Cellulase and Xylanase Enzyme Activities Based on Near Infrared Spectroscopy: A New Approach. Revista Virtual De Quimica, 2021, 13, 456-465.	0.1	0
48	Composition, enzymatic saccharification and fermentability of jatropha cake for bioethanol production. Ambiente, 2017, 13, .	0.1	0
49	EFFECTS OF THE INCREASE IN SUBSTRATE LOAD AND HYDROLYSIS TIME IN THE SACCHARIFICATION OF SUGARCANE BAGASSE AND ETHANOL PRODUCTION. Holo, 0, 6, 1-13.	0.0	0
50	ACCUMULATION OF MALIC ACID AND OTHER INDUSTRIALLY IMPORTANT ORGANIC ACIDS BY <i>ASPERGILLUS TUBINGENSIS</i> AN1257 / PRODUÇÃO BIOTECNOLÓGICA DE ÁCIDO MÁLICO POR <i>ASPERGILLUS TUBINGENSIS</i> AN1257. Brazilian Journal of Development, 2020, 6, 70999-71021.	0.0	0