Andre Ferraz

List of Publications by Year
in descending order

126 papers	3,695 citations	109137 35 h-index	161609 54 g-index
128 all docs	128 docs citations	128 times ranked	3341 citing authors

#	Article	IF	Citations
1	Estimating the chemical composition of biodegraded pine and eucalyptus wood by DRIFT spectroscopy and multivariate analysis. Bioresource Technology, 2000, 74, 201-212.	4.8	191
2	A study on the pretreatment of a sugarcane bagasse sample with dilute sulfuric acid. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 1467-1475.	1.4	146
3	Chemical composition and enzymatic digestibility of sugarcane clones selected for varied lignin content. Biotechnology for Biofuels, 2011, 4, 55.	6.2	144
4	Enhancement of cellulose hydrolysis in sugarcane bagasse by the selective removal of lignin with sodium chlorite. Applied Energy, 2013, 102, 399-402.	5.1	128
5	Structural Characterization of Lignin during Pinus taeda Wood Treatment with Ceriporiopsis subvermispora. Applied and Environmental Microbiology, 2004, 70, 4073-4078.	1.4	97
6	Covalent immobilization of laccase in green coconut fiber and use in clarification of apple juice. Process Biochemistry, 2015, 50, 417-423.	1.8	97
7	Limitation of cellulose accessibility and unproductive binding of cellulases by pretreated sugarcane bagasse lignin. Biotechnology for Biofuels, 2017, 10, 176.	6.2	95
8	Wood biodegradation and enzyme production by Ceriporiopsis subvermispora during solid-state fermentation of Eucalyptus grandis. Enzyme and Microbial Technology, 2003, 32, 59-65.	1.6	92
9	Hydrolytic and oxidative enzymes produced by white- and brown-rot fungi during Eucalyptus grandis decay in solid medium. Enzyme and Microbial Technology, 2001, 29, 386-391.	1.6	89
10	Biological pretreatment of sugarcane bagasse with basidiomycetes producing varied patterns of biodegradation. Bioresource Technology, 2017, 225, 17-22.	4.8	89
11	Extraction and determination of enzymes produced by Ceriporiopsis subvermispora during biopulping of Pinus taeda wood chips. Enzyme and Microbial Technology, 2004, 34, 228-234.	1.6	88
12	Topochemical distribution of lignin and hydroxycinnamic acids in sugar-cane cell walls and its correlation with the enzymatic hydrolysis of polysaccharides. Biotechnology for Biofuels, 2011, 4, 7.	6.2	83
13	Technological advances and mechanistic basis for fungal biopulping. Enzyme and Microbial Technology, 2008, 43, 178-185.	1.6	82
14	Fe3+- and Cu2+-reduction by phenol derivatives associated with Azure B degradation in Fenton-like reactions. Chemosphere, 2007, 66, 947-954.	4.2	81
15	Molecular weight distribution of wood components extracted from Pinus taeda biotreated by Ceriporiopsis subvermispora. Enzyme and Microbial Technology, 2003, 33, 12-18.	1.6	68
16	Role of hemicellulose removal during dilute acid pretreatment on the cellulose accessibility and enzymatic hydrolysis of compositionally diverse sugarcane hybrids. Industrial Crops and Products, 2018, 111, 722-730.	2.5	68
17	Xylan extraction from pretreated sugarcane bagasse using alkaline and enzymatic approaches. Biotechnology for Biofuels, 2017, 10, 296.	6.2	65
18	Mecanismo e aplicaÃ§Ãµes da reaÃ§Ã£o de fenton assistida por compostos fenÃ³licos redutores de ferro. Quimica Nova, 2007, 30, 623-628.	0.3	58

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19	Tissue-specific distribution of hemicelluloses in six different sugarcane hybrids as related to cell wall recalcitrance. Biotechnology for Biofuels, 2016, 9, 99.	6.2	51
20	Oxalic acid, Fe3+-reduction activity and oxidative enzymes detected in culture extracts recovered from Pinus taeda wood chips biotreated by Ceriporiopsis subvermispora. Enzyme and Microbial Technology, 2006, 38, 873-878.	1.6	49
21	Enzymatic hydrolysis of chemithermomechanically pretreated sugarcane bagasse and samples with reduced initial lignin content. Biotechnology Progress, 2011, 27, 395-401.	1.3	49
22	Organosolv delignification of white- and brown-rottedEucalyptus grandis hardwood. Journal of Chemical Technology and Biotechnology, 2000, 75, 18-24.	1.6	48
23	Delignification ofPinus taedawood chips treated withCeriporiopsis subvermisporafor preparing high-yield kraft pulps. Journal of Chemical Technology and Biotechnology, 2002, 77, 411-418.	1.6	47
24	Exploring glycoside hydrolases and accessory proteins from wood decay fungi to enhance sugarcane bagasse saccharification. Biotechnology for Biofuels, 2016, 9, 110.	6.2	47
25	Lignin biodegradation by the ascomyceteChrysonilia sitophila. Applied Biochemistry and Biotechnology, 1997, 62, 233-242.	1.4	44
26	Characterization of hemicellulases and cellulases produced by Ceriporiopsis subvermispora grown on wood under biopulping conditions. Enzyme and Microbial Technology, 2006, 38, 436-442.	1.6	43
27	The enzymatic recalcitrance of internodes of sugar cane hybrids with contrasting lignin contents. Industrial Crops and Products, 2013, 51, 202-211.	2.5	43
28	Alkaline-sulfite pretreatment and use of surfactants during enzymatic hydrolysis to enhance ethanol production from sugarcane bagasse. Bioprocess and Biosystems Engineering, 2016, 39, 441-448.	1.7	41
29	Techno-economic assessment of bioenergy and biofuel production in integrated sugarcane biorefinery: Identification of technological bottlenecks and economic feasibility of dilute acid pretreatment. Energy, 2020, 199, 117422.	4.5	41
30	Characterization of the Residual Lignins in Pinus taeda Biodegraded by Ceriporiopsis subvermispora by Using in situ CuO Oxidation and DFRC Methods. Holzforschung, 2002, 56, 157-160.	0.9	40
31	Biodegradation of Pinus radiata softwood by white- and brown-rot fungi. World Journal of Microbiology and Biotechnology, 2001, 17, 31-34.	1.7	39
32	The effects of lignin removal and drying on the porosity and enzymatic hydrolysis of sugarcane bagasse. Cellulose, 2013, 20, 3165-3177.	2.4	39
33	Controlled Release of 2,4-D from Granule Matrix Formulations Based on Six Lignins. Journal of Agricultural and Food Chemistry, 1997, 45, 1001-1005.	2.4	38
34	Effects of enzymatic removal of plant cell wall acylation (acetylation, p-coumaroylation, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 T fractions. Biotechnology for Biofuels, 2014, 7, 153.	6.2	38
35	Polymerization of lignin fragments contained in a model effluent by polyphenoloxidases and horseradish peroxidase/hydrogen peroxide systemâ˜†. Enzyme and Microbial Technology, 2000, 26, 315-323.	1.6	37
36	Formic acid/acetone-organosolv pulping of white-rottedPinus radiata softwood. Journal of Chemical Technology and Biotechnology, 2000, 75, 1190-1196.	1.6	35

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37	Enzymatic properties of two Î²-glucosidases from Ceriporiopsis subvermispora produced in biopulping conditions. Journal of Applied Microbiology, 2006, 101, 480-486.	1.4	35
38	Title is missing!. World Journal of Microbiology and Biotechnology, 2000, 16, 641-645.	1.7	33
39	Enzyme production and chemical alterations of Eucalyptus grandis wood during biodegradation by Ceriporiopsis subvermispora in cultures supplemented with Mn2+, corn steep liquor and glucose. Enzyme and Microbial Technology, 2007, 40, 645-652.	1.6	32
40	Iron-regulated proteins inPhanerochaete chrysosporium andLentinula edodes: Differential analysis by sodium dodecyl sulfate polyacrylamide gel electrophoresis and two-dimensional polyacrylamide gel electrophoresis profiles. Electrophoresis, 2002, 23, 655-661.	1.3	31
41	Extracellular activities and wood component losses during Pinus taeda biodegradation by the brown-rot fungus Gloeophyllum trabeum. International Biodeterioration and Biodegradation, 2013, 82, 187-191.	1.9	30
42	Identifying the origin of lignins and monitoring their structural changes by means of FTIR-PCA and -SIMCA. Bioresource Technology, 1999, 68, 29-34.	4.8	29
43	Fate of p-hydroxycinnamates and structural characteristics of residual hemicelluloses and lignin during alkaline-sulfite chemithermomechanical pretreatment of sugarcane bagasse. Biotechnology for Biofuels, 2018, 11, 153.	6.2	27
44	Sucrose content, lignocellulose accumulation and in vitro digestibility of sugarcane internodes depicted in relation to internode maturation stage and Saccharum genotypes. Industrial Crops and Products, 2019, 139, 111543.	2.5	26
45	Phenoloxidases and hydrolases from Pycnoporus sanguineus (UEC-2050 strain): applications. Journal of Biotechnology, 1993, 29, 219-228.	1.9	25
46	Laboratory and mill scale evaluation of biopulping of <i>Eucalyptus grandis</i> Hill ex Maiden with <i>Phanerochaete chrysosporium</i> RP-78 under non-aseptic conditions. Holzforschung, 2009, 63, 259-263.	0.9	24
47	Topochemical characterization of sugar cane pretreated with alkaline sulfite. Industrial Crops and Products, 2015, 69, 60-67.	2.5	24
48	Uma visÃ£o sobre a estrutura, composiÃ§Ã£o e biodegradaÃ§Ã£o da madeira. Quimica Nova, 2009, 32, 2191-2195.	0.3	22
49	Functional characterization and comparative analysis of two heterologous endoglucanases from diverging subfamilies of glycosyl hydrolase family 45. Enzyme and Microbial Technology, 2019, 120, 23-35.	1.6	22
50	Title is missing!. World Journal of Microbiology and Biotechnology, 1998, 14, 487-490.	1.7	21
51	Characterization of Residual Lignin after SO2-Catalyzed Steam Explosion and Enzymatic Hydrolysis ofEucalyptus viminalisWood Chips. Journal of Agricultural and Food Chemistry, 1999, 47, 2295-2302.	2.4	21
52	Linoleic acid peroxidation and lignin degradation by enzymes produced by Ceriporiopsis subvermispora grown on wood or in submerged liquid cultures. Enzyme and Microbial Technology, 2010, 46, 262-267.	1.6	21
53	Softwood biodegradation by an ascomycete Chrysonilia sitophila (TFB 27441 strain). Letters in Applied Microbiology, 1991, 13, 82-86.	1.0	20
54	Lignin degradation during softwood decaying by the ascomyceteChrysonilia sitophila. Biodegradation, 1995, 6, 265-274.	1.5	20

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55	Mathematical Modeling of Controlled-Release Systems of Herbicides Using Lignins as Matrices. Applied Biochemistry and Biotechnology, 2000, 84-86, 595-616.	1.4	20
56	Occurrence of iron-reducing compounds in biodelignified â€œpalo podridoâ€•wood samples. International Biodeterioration and Biodegradation, 2001, 47, 203-208.	1.9	20
57	Enzymatic digestion of alkalineâ€sulfite pretreated sugar cane bagasse and its correlation with the chemical and structural changes occurring during the pretreatment step. Biotechnology Progress, 2013, 29, 890-895.	1.3	20
58	Sugarcane hybrids with original low lignin contents and high field productivity are useful toÂreach high glucose yields from bagasse. Biomass and Bioenergy, 2015, 75, 65-74.	2.9	20
59	Techno-economic impacts of varied compositional profiles of sugarcane experimental hybrids on a biorefinery producing sugar, ethanol and electricity. Chemical Engineering Research and Design, 2017, 125, 72-78.	2.7	20
60	Evaluation of Eucalyptus grandis Hill ex Maiden biopulping with Ceriporiopsis subvermispora under non-aseptic conditions. Holzforschung, 2008, 62, 1-7.	0.9	19
61	Purification and properties of a xylanase fromCeriporiopsis subvermisporacultivated onPinus taeda. FEMS Microbiology Letters, 2005, 253, 267-272.	0.7	18
62	Effect of aqueous extracts from Ceriporiopsis subvermispora-biotreated wood on the decolorization of Azure B by Fenton-like reactions. International Biodeterioration and Biodegradation, 2012, 74, 61-66.	1.9	18
63	The Secretome of Phanerochaete chrysosporium and Trametes versicolor Grown in Microcrystalline Cellulose and Use of the Enzymes for Hydrolysis of Lignocellulosic Materials. Frontiers in Bioengineering and Biotechnology, 2020, 8, 826.	2.0	18
64	Kraft pulping ofEucalyptus nitens wood chips biotreated byCeriporiopsis subvermispora. Journal of Chemical Technology and Biotechnology, 2006, 81, 608-613.	1.6	17
65	Enzymes produced by Ganoderma australe growing on wood and in submerged cultures. World Journal of Microbiology and Biotechnology, 2007, 23, 429-434.	1.7	17
66	Relevance of extractives and wood transformation products on the biodegradation of Pinus taeda by Ceriporiopsis subvermispora. International Biodeterioration and Biodegradation, 2008, 61, 182-188.	1.9	17
67	A new bioreactor design for culturing basidiomycetes: Mycelial biomass production in submerged cultures of Ceriporiopsis subvermispora. Chemical Engineering Science, 2017, 170, 670-676.	1.9	17
68	Chrysonila sitophila (TFB-27441): A hyperlignolytic strain. Biotechnology Letters, 1987, 9, 357-360.	1.1	16
69	High-yield kraft pulping of <i>Eucalyptus grandis</i> Hill ex Maiden biotreated by <i>Ceriporiopsis subvermispora</i> under two different culture conditions. Holzforschung, 2009, 63, 408-413.	0.9	16
70	Alkaline sulfite/anthraquinone pulping of pine wood chips biotreated withCeriporiopsis subvermispora. Journal of Chemical Technology and Biotechnology, 2004, 79, 584-589.	1.6	15
71	Thiobarbituric acid reactive substances, Fe3+reduction and enzymatic activities in cultures ofGanoderma australegrowing onDrimys winteriwood. FEMS Microbiology Letters, 2006, 260, 112-118.	0.7	15
72	The secretome of two representative lignocellulose-decay basidiomycetes growing on sugarcane bagasse solid-state cultures. Enzyme and Microbial Technology, 2019, 130, 109370.	1.6	15

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73	Role of Metals in Wood Biodegradation. ACS Symposium Series, 2003, , 154-174.	0.5	14
74	Cellular UV-microspectrophotometric investigations on pine wood (Pinus taeda and Pinus elliottii) delignification during biopulping with Ceriporiopsis subvermispora (Pilï¿½t) Gilbn. & Ryv. and alkaline sulfite/anthraquinone treatment. Wood Science and Technology, 2004, 38, 567-575.	1.4	14
75	Bioâ€Chemimechanical Pulps fromEucalyptus grandis: Strength Properties, Bleaching, and Brightness Stability. Journal of Wood Chemistry and Technology, 2005, 25, 203-216.	0.9	14
76	Alkaline sulfite/anthraquinone pretreatment followed by disk refining of <i>Pinus radiata</i> and <i>Pinus caribaea</i> wood chips for biochemical ethanol production. Journal of Chemical Technology and Biotechnology, 2012, 87, 651-657.	1.6	14
77	Metabolite secretion, Fe3+-reducing activity and wood degradation by the white-rot fungus Trametes versicolor ATCC 20869. Fungal Biology, 2014, 118, 935-942.	1.1	14
78	Nearâ€Infrared Spectra and Chemical Characteristics ofPinus taeda(Loblolly Pine) Wood Chips Biotreated by the Whiteâ€Rot FungusCeriporiopsis subvermispora. Journal of Wood Chemistry and Technology, 2005, 24, 99-113.	0.9	13
79	Lignin chemistry and topochemistry during kraft delignification of <i>Eucalyptus globulus</i> genotypes with contrasting pulpwood characteristics. Holzforschung, 2014, 68, 623-629.	0.9	13
80	Alkaline sulfite pretreatment for integrated first and second generation ethanol production: A techno-economic assessment of sugarcane hybrids. Biomass and Bioenergy, 2018, 119, 314-321.	2.9	13
81	Molecular weight distribution and structural characteristics of polymers obtained from acid soluble lignin treated by oxidative enzymes. Enzyme and Microbial Technology, 2001, 28, 308-313.	1.6	12
82	Title is missing!. World Journal of Microbiology and Biotechnology, 2001, 17, 577-581.	1.7	12
83	Attempts to correlate biopulping benefits with changes in the chemical structure of wood components and enzymes produced during the wood biotreatment with Ceriporiopsis subvermispora. Progress in Biotechnology, 2002, , 73-80.	0.2	11
84	Iron-responsive genes of Phanerochaete chrysosporium isolated by differential display reverse transcription polymerase chain reaction. Environmental Microbiology, 2003, 5, 777-786.	1.8	11
85	Evaluation of a simple alkaline pretreatment for screening of sugarcane hybrids according to their in vitro digestibility. Industrial Crops and Products, 2013, 51, 390-395.	2.5	11
86	Chemithermomechanical and kraft pulping of <i>Pinus radiata</i> wood chips after the hydrothermal extraction of hemicelluloses. Holzforschung, 2015, 69, 33-40.	0.9	11
87	Overexpression of a Sugarcane BAHD Acyltransferase Alters Hydroxycinnamate Content in Maize Cell Wall. Frontiers in Plant Science, 2021, 12, 626168.	1.7	11
88	Alkaline-sulfite chemithermomechanical pulping of Eucalyptus grandis biotreated by Ceriporiopsis subvermispora under varied culture conditions. Holzforschung, 2008, 62, .	0.9	10
89	Effects of exogenous calcium or oxalic acid on Pinus taeda treatment with the white-rot fungus Ceriporiopsis subvermispora. International Biodeterioration and Biodegradation, 2012, 72, 88-93.	1.9	10
90	Differentiation of Tracheary Elements in Sugarcane Suspension Cells Involves Changes in Secondary Wall Deposition and Extensive Transcriptional Reprogramming. Frontiers in Plant Science, 2020, 11, 617020.	1.7	10

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91	Modeling of 2,4-Dichlorophenoxyacetic Acid Controlled-Release Kinetics from Lignin-Based Formulations. Applied Biochemistry and Biotechnology, 2002, 98-100, 101-108.	1.4	9
92	Estimation of Solubility Effect on the Herbicide Controlled-Release Kinetics from Lignin-Based Formulations. Applied Biochemistry and Biotechnology, 2003, 108, 913-920.	1.4	9
93	Mecanismos envolvidos na biodegradaÃ§Ã£o de materiais lignocelulÃ³sicos e aplicaÃ§Ãµes tecnolÃ³gicas correlatas. Quimica Nova, 2011, , .	0.3	9
94	Manganese peroxidase and biomimetic systems applied to<i>in vitro</i>lignin degradation in<i>Eucalyptus grandis</i>milled wood and kraft pulps. Journal of Chemical Technology and Biotechnology, 2016, 91, 1422-1430.	1.6	9
95	Topochemistry, Porosity and Chemical Composition Affecting Enzymatic Hydrolysis of Lignocellulosic Materials. , 2011, , 53-72.		8
96	Enzyme-aided xylan extraction from alkaline-sulfite pretreated sugarcane bagasse and its incorporation onto eucalyptus kraft pulps. Carbohydrate Research, 2020, 492, 108003.	1.1	8
97	Amazonian lignocellulosic materials-i fungal screening from decayed laurel and cedar trees. Applied Biochemistry and Biotechnology, 1992, 37, 33-41.	1.4	7
98	Response to Ozonation of Different Cellulose Pulp Bleaching Effluents. Environmental Technology (United Kingdom), 1998, 19, 75-81.	1.2	7
99	Estimation of Hexenuronic Acids and Kappa Number in Kraft Pulps of <i>Eucalyptus Globulus</i> by Fourier Transform near Infrared Spectroscopy and Multivariate Analysis. Journal of Near Infrared Spectroscopy, 2008, 16, 121-128.	0.8	7
100	Production of microbial protein from forest products. Bioresource Technology, 1990, 23, 155-162.	0.3	6
101	Decay ofParkia oppositifoliain Amazonia byPycnoporus sanguineusand Potential Use for Effluent Decolorization. Holzforschung, 1993, 47, 361-368.	0.9	6
102	Influence of forest soil on biodegradation of Drimys winteri by Ganoderma australe. International Biodeterioration and Biodegradation, 2006, 57, 174-178.	1.9	6
103	Behavior of Ceriporiopsis subvermispora during Pinus taeda biotreatment in soybean-oil-amended cultures. International Biodeterioration and Biodegradation, 2010, 64, 588-593.	1.9	6
104	Mapping of Cell Wall Components in Lignified Biomass as a Tool to Understand Recalcitrance. , 2014, , 173-202.		6
105	Comparative evaluation of acid and alkaline sulfite pretreatments for enzymatic saccharification of bagasses from three different sugarcane hybrids. Biotechnology Progress, 2018, 34, 944-951.	1.3	6
106	EgPHI-1, a PHOSPHATE-INDUCED-1 gene from Eucalyptus globulus, is involved in shoot growth, xylem fiber length and secondary cell wall properties. Planta, 2020, 252, 45.	1.6	6
107	Clean-up and concentration of manganese peroxidases recovered during the biodegradation of Eucalyptus grandis by Ceriporiopsis subvermispora. Enzyme and Microbial Technology, 2008, 43, 193-198.	1.6	5
108	Linoleic acid peroxidation initiated by Fe^{3+}-reducing compounds recovered from Eucalyptus grandis biotreated with Ceriporiopsis subvermispora. International Biodeterioration and Biodegradation, 2011, 65, 164-171.	1.9	5

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109	On-site produced and commercially available alkali-active xylanases compared for xylan extraction from sugarcane bagasse. Biocatalysis and Agricultural Biotechnology, 2019, 18, 101081.	1.5	5
110	Biomass composition of two new energy cane cultivars compared with their ancestral Saccharum spontaneum during internode development. Biomass and Bioenergy, 2020, 141, 105696.	2.9	5
111	Development of Mathematical Models for Describing Organosolv Pulping Kinetics of Fungally Pretreated Wood Samples. Journal of Wood Chemistry and Technology, 1999, 19, 99-114.	0.9	4
112	Mathematical Modeling of Controlled-Release Kinetics of Herbicides in a Dynamic-Water-Bath System. Applied Biochemistry and Biotechnology, 2001, 91-93, 563-574.	1.4	4
113	Using Undigested Biomass Solid Leftovers from the Saccharification Process to Integrate Lignosulfonate Production in a Sugarcane Bagasse Biorefinery. ACS Sustainable Chemistry and Engineering, 0, , .	3.2	4
114	Xylan, Xylooligosaccharides, and Aromatic Structures With Antioxidant Activity Released by Xylanase Treatment of Alkaline-Sulfiteâ€"Pretreated Sugarcane Bagasse. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	4
115	Biodegradation of acidolysis lignins from Chilean hardwoods by the ascomycete Chrysonilia sitophila. World Journal of Microbiology and Biotechnology, 1997, 13, 545-548.	1.7	3
116	High-solid enzymatic hydrolysis of sugarcane bagasse and ethanol production in repeated batch process using column reactors. 3 Biotech, 2021, 11, 432.	1.1	3
117	Uso de aditivos na biodegradaÃ§Ã£o de madeira pelo fungo Ceriporiopsis subvermispora: efeito na peroxidaÃ§Ã£o de lipÃdios dependente de manganÃªs-peroxidase. Quimica Nova, 2012, 35, 1107-1111.	0.3	3
118	Estimation of Solubility Effect on the Herbicide Controlled-Release Kinetics from Lignin-Based Formulations. , 2003, , 913-919.		2
119	The effect of carbon sources on the single cell proteins and extracellular enzymes production byChrysonilia sitophila (TFB 27441 strain). Applied Biochemistry and Biotechnology, 1991, 27, 267-276.	1.4	1
120	Anatomic and Ultrastructural Characteristics of Different Regions of Sugar Cane Internodes Which Affect Their Response to Alkaline-Sulfite Pretreatment and Material Recalcitrance. Energy & Fuels, 0, , .	2.5	1
121	An innovative concept for industrial sugarcane processing enhances polysaccharide utilization in first- and second-generation integrated biorefineries. Industrial Crops and Products, 2019, 141, 111801.	2.5	1
122	Uso de carvÃ£o ativado e resina de troca iÃ´nica para limpeza e concentraÃ§Ã£o de enzimas em extratos de madeira biodegradada. Acta Scientiarum - Technology, 2010, 32, .	0.4	0
123	Mathematical Modeling of Controlled-Release Systems of Herbicides Using Lignins as Matrices. , 2000, , 595-615.		0
124	Mathematical Modeling of Controlled-Release Kinetics of Herbicides in a Dynamic-Water-Bath System. , 2001, , 563-574.		0
125	Modeling of 2,4-Dichlorophenoxyacetic Acid Controlled-Release Kinetics from Lignin-Based Formulations. , 2002, , 101-107.		0
126	SIMULAÃ‡ÃƒO E ANÃLISE ECONÃ"MICA DE BIORREFINARIAS INTEGRADAS 1G2G EMPREGANDO PRÃ‰-TRATAMENTO ÃCIDO DILUÃDO: IMPACTO DO USO DO LICOR HEMICELULÃ"SICO PARA PRODUÃ‡ÃƒO DE ETANOL. , 0, , .		0