

# JosÃ© Manuel DomÃ­nguez

## List of Publications by Year in descending order

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128  
papers

4,818  
citations

76326

40  
h-index

128289

60  
g-index

131  
all docs

131  
docs citations

131  
times ranked

4633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological treatment of model dyes and textile wastewaters. <i>Chemosphere</i> , 2017, 181, 168-177.	8.2	228
2	Submerged Citric Acid Fermentation on Orange Peel Autohydrolysate. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 2380-2387.	5.2	195
3	Improved xylitol production with <i>Debaryomyces hansenii</i> Y-7426 from raw or detoxified wood hydrolysates. <i>Enzyme and Microbial Technology</i> , 1997, 21, 18-24.	3.2	118
4	Citric acid production from orange peel wastes by solid-state fermentation. <i>Brazilian Journal of Microbiology</i> , 2011, 42, 394-409.	2.0	115
5	Lactic acid and biosurfactants production from hydrolyzed distilled grape marc. <i>Process Biochemistry</i> , 2007, 42, 1010-1020.	3.7	113
6	Antioxidant and Antimicrobial Effects of Extracts from Hydrolysates of Lignocellulosic Materials. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 2459-2464.	5.2	110
7	Release of ferulic acid from corn cobs by alkaline hydrolysis. <i>Biochemical Engineering Journal</i> , 2008, 40, 500-506.	3.6	102
8	Evaluation of Biosurfactant Production from Various Agricultural Residues by <i>Lactobacillus pentosus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 4481-4486.	5.2	97
9	Revalorization of hemicellulosic trimming vine shoots hydrolyzates trough continuous production of lactic acid and biosurfactants by <i>L. pentosus</i> . <i>Journal of Food Engineering</i> , 2007, 78, 405-412.	5.2	95
10	Ultrasounds pretreatment of olive pomace to improve xylanase and cellulase production by solid-state fermentation. <i>Bioresource Technology</i> , 2016, 214, 737-746.	9.6	89
11	Microbial production of biovanillin. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 519-530.	2.0	84
12	Influence of the Metabolism Pathway on Lactic Acid Production from Hemicellulosic Trimming Vine Shoots Hydrolyzates Using <i>Lactobacillus pentosus</i> . <i>Biotechnology Progress</i> , 2008, 21, 793-798.	2.6	82
13	Influence of temperature and pH on xylitol production from xylose by <i>Debaryomyces hansenii</i> . <i>Biotechnology and Bioengineering</i> , 2001, 75, 39-45.	3.3	78
14	Production of fermentable media from vine-trimming wastes and bioconversion into lactic acid by <i>Lactobacillus pentosus</i> . <i>Journal of the Science of Food and Agriculture</i> , 2004, 84, 2105-2112.	3.5	78
15	Potential of lees from wine, beer and cider manufacturing as a source of economic nutrients: An overview. <i>Waste Management</i> , 2015, 40, 72-81.	7.4	71
16	Complete Bioconversion of Hemicellulosic Sugars From Agricultural Residues Into Lactic Acid by <i>Lactobacillus pentosus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2006, 135, 219-228.	2.9	69
17	Extraction of Phenolic Acids by Alkaline Hydrolysis from the Solid Residue Obtained after Prehydrolysis of Trimming Vine Shoots. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1909-1917.	5.2	65
18	Production of xylitol from concentrated wood hydrolysates by <i>Debaryomyces hansenii</i> : Effect of the initial cell concentration. <i>Biotechnology Letters</i> , 1996, 18, 593-598.	2.2	62

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19	Purification of Xylitol Obtained by Fermentation of Corn cob Hydrolysates. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 4430-4435.	5.2	62
20	Preparation of fermentation media from agricultural wastes and their bioconversion into xylitol. <i>Food Biotechnology</i> , 2000, 14, 79-97.	1.5	60
21	Stability and Emulsifying Capacity of Biosurfactants Obtained from Lignocellulosic Sources Using <i>Lactobacillus pentosus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 8074-8080.	5.2	60
22	Pretreatment of sugar cane bagasse hemicellulose hydrolysate for xylitol production by yeast. <i>Applied Biochemistry and Biotechnology</i> , 1996, 57-58, 49-56.	2.9	59
23	Xylitol Production from Hardwood Hemicellulose Hydrolysates by <i>Pachysolen tannophilus</i> , <i>Debaryomyces hansenii</i> , and <i>Candida guilliermondii</i> . <i>Applied Biochemistry and Biotechnology</i> , 1999, 82, 141-152.	2.9	58
24	Production of xylitol from raw wood hydrolysates by <i>Debaryomyces hansenii</i> NRRL Y-7426. <i>Bioprocess and Biosystems Engineering</i> , 1995, 13, 125-131.	0.5	57
25	Production of lactic acid from vine-trimming wastes and viticulture lees using a simultaneous saccharification fermentation method. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 466-472.	3.5	57
26	Extrusion and enzymatic hydrolysis as pretreatments on corn cob for biogas production. <i>Renewable Energy</i> , 2017, 107, 597-603.	8.9	56
27	Comparative study between Italian and Spanish grape marc spirits in terms of major volatile compounds. <i>Food Control</i> , 2011, 22, 673-680.	5.5	53
28	Antimicrobial activity of d-3-phenyllactic acid produced by fed-batch process against <i>Salmonella enterica</i> . <i>Food Control</i> , 2012, 25, 274-284.	5.5	53
29	Partial Characterization of Biosurfactant from <i>Lactobacillus pentosus</i> and Comparison with Sodium Dodecyl Sulphate for the Bioremediation of Hydrocarbon Contaminated Soil. <i>BioMed Research International</i> , 2013, 2013, 1-6.	1.9	52
30	Tartaric Acid Recovery from Distilled Lees and Use of the Residual Solid as an Economic Nutrient for <i>Lactobacillus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 7904-7911.	5.2	51
31	Enzymatic hydrolysis of brewer's spent grain to obtain fermentable sugars. <i>Bioresource Technology</i> , 2019, 275, 402-409.	9.6	51
32	Production of cellulases and xylanases in solid-state fermentation by different strains of <i>Aspergillus niger</i> using sugarcane bagasse and brewery spent grain. <i>Biochemical Engineering Journal</i> , 2021, 172, 108060.	3.6	51
33	Formulation of Low-Cost Fermentative Media for Lactic Acid Production with <i>Lactobacillus rhamnosus</i> Using Vinification Lees as Nutrients. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 801-808.	5.2	50
34	Characterization of fennel extracts and quantification of estragole: Optimization and comparison of accelerated solvent extraction and Soxhlet techniques. <i>Industrial Crops and Products</i> , 2014, 52, 528-536.	5.2	49
35	Comparison of Soxhlet, Accelerated Solvent and Supercritical Fluid Extraction Techniques for Volatile (GC-MS and GC/FID) and Phenolic Compounds (HPLC-ESI/MS/MS) from <i>Lamiaceae</i> Species. <i>Phytochemical Analysis</i> , 2015, 26, 61-71.	2.4	49
36	Xylitol production from Eucalyptus wood hydrolysates extracted with organic solvents. <i>Process Biochemistry</i> , 1997, 32, 599-604.	3.7	48

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37	Optimization of biosurfactant and bacteriocin-like inhibitory substance (BLIS) production by <i>Lactococcus lactis</i> CECT-4434 from agroindustrial waste. <i>Biochemical Engineering Journal</i> , 2018, 133, 168-178.	3.6	48
38	Production of biosurfactants from vine-trimming shoots using the halotolerant strain <i>Bacillus tequilensis</i> ZSB10. <i>Industrial Crops and Products</i> , 2016, 79, 258-266.	5.2	47
39	Combined bioremediation and enzyme production by <i>Aspergillus</i> sp. in olive mill and winery wastewaters. <i>International Biodeterioration and Biodegradation</i> , 2016, 110, 16-23.	3.9	46
40	Vanillin bioproduction from alkaline hydrolyzate of corn cob by <i>Escherichia coli</i> JM109/pBB1. <i>Enzyme and Microbial Technology</i> , 2009, 44, 154-158.	3.2	44
41	Enhancing the Bioconversion of Winery and Olive Mill Waste Mixtures into Lignocellulolytic Enzymes and Animal Feed by <i>Aspergillus uvarum</i> Using a Packed-Bed Bioreactor. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 9306-9314.	5.2	42
42	Effects of enzymatic hydrolysis and ultrasounds pretreatments on corn cob and vine trimming shoots for biogas production. <i>Bioresource Technology</i> , 2016, 221, 130-138.	9.6	42
43	Revalorisation of vine trimming wastes using <i>Lactobacillus acidophilus</i> and <i>Debaryomyces hansenii</i> . <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 2298-2308.	3.5	41
44	Ferulic acid and p-coumaric acid solubilization by alkaline hydrolysis of the solid residue obtained after acid prehydrolysis of vine shoot prunings: Effect of the hydroxide and pH. <i>Biochemical Engineering Journal</i> , 2009, 43, 129-134.	3.6	40
45	Development of Cost-Effective Media to Increase the Economic Potential for Larger-Scale Bioproduction of Natural Food Additives by <i>Lactobacillus rhamnosus</i> , <i>Debaryomyces hansenii</i> , and <i>Aspergillus niger</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10414-10428.	5.2	40
46	Integrated Use of Residues from Olive Mill and Winery for Lipase Production by Solid State Fermentation with <i>Aspergillus</i> sp.. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 1832-1845.	2.9	40
47	Optimization of Xylanase Production by Filamentous Fungi in Solid-State Fermentation and Scale-up to Horizontal Tube Bioreactor. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 803-825.	2.9	40
48	Evaluation of Vinification Lees as a General Medium for <i>Lactobacillus</i> Strains. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5233-5239.	5.2	39
49	Biotechnological Production of Phenyllactic Acid and Biosurfactants from Trimming Vine Shoot Hydrolyzates by Microbial Coculture Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 2175-2188.	2.9	39
50	Cell-Free Supernatants Obtained from Fermentation of Cheese Whey Hydrolyzates and Phenylpyruvic Acid by <i>Lactobacillus plantarum</i> as a Source of Antimicrobial Compounds, Bacteriocins, and Natural Aromas. <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 1042-1060.	2.9	39
51	Improving downstream processes to recover tartaric acid, tartrate and nutrients from vinasses and formulation of inexpensive fermentative broths for xylitol production. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 2168-2177.	3.5	38
52	Integral utilisation of barley husk for the production of food additives. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 1000-1008.	3.5	37
53	Title is missing!. <i>Biotechnology Letters</i> , 2000, 22, 1895-1898.	2.2	35
54	Simultaneous lactic acid and xylitol production from vine trimming wastes. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 1603-1612.	3.5	35

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55	Carbon Material and Bioenergetic Balances of Xylitol Production from Corncobs by <i>Debaryomyces hansenii</i> . <i>Biotechnology Progress</i> , 2003, 19, 706-713.	2.6	34
56	Comparison between Different Hydrolysis Processes of Vine-Trimming Waste to Obtain Hemicellulosic Sugars for Further Lactic Acid Conversion. <i>Applied Biochemistry and Biotechnology</i> , 2007, 143, 244-256.	2.9	32
57	Xylitol Production from Wood Hydrolyzates by Entrapped <i>Debaryomyces hansenii</i> and <i>Candida guilliermondii</i> Cells. <i>Applied Biochemistry and Biotechnology</i> , 1999, 81, 119-130.	2.9	28
58	Characterization of vinasses from five certified brands of origin (CBO) and use as economic nutrient for the xylitol production by <i>Debaryomyces hansenii</i> . <i>Bioresource Technology</i> , 2010, 101, 2379-2388.	9.6	27
59	Alternatives for biosurfactants and bacteriocins extraction from <i>Lactococcus lactis</i> cultures produced under different pH conditions. <i>Letters in Applied Microbiology</i> , 2010, 51, no-no.	2.2	27
60	Bioproduction of 4-vinylphenol from corn cob alkaline hydrolyzate in two-phase extractive fermentation using free or immobilized recombinant <i>E. coli</i> expressing pad gene. <i>Enzyme and Microbial Technology</i> , 2014, 58-59, 22-28.	3.2	27
61	Xylitol production in immobilized cultures: a recent review. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 691-704.	9.0	27
62	A novel approach to the biorefinery of brewery spent grain. <i>Process Biochemistry</i> , 2019, 85, 135-142.	3.7	27
63	Study of charcoal adsorption for improving the production of Xylitol from wood hydrolysates. <i>Bioprocess and Biosystems Engineering</i> , 1996, 16, 39.	0.5	26
64	Impact odorants and sensory profile of young red wines from four Galician (NW of Spain) traditional cultivars. <i>Journal of the Institute of Brewing</i> , 2015, 121, 628-635.	2.3	26
65	Effect of inulin on growth and bacteriocin production by <i>Lactobacillus plantarum</i> in stationary and shaken cultures. <i>International Journal of Food Science and Technology</i> , 2015, 50, 864-870.	2.7	26
66	Culture parameters affecting xylitol production by <i>Debaryomyces hansenii</i> immobilized in alginate beads. <i>Process Biochemistry</i> , 2013, 48, 387-397.	3.7	25
67	<i>Bacillus aryabhattai</i> BA03: a novel approach to the production of natural value-added compounds. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 159.	3.6	25
68	Ethanol production from xylose with the yeast <i>Pichia stipitis</i> and simultaneous product recovery by gas stripping using a gas-lift loop fermentor with attached side-arm (GLSA). , 2000, 67, 336-343.		24
69	Screening of winery and olive mill wastes for lignocellulolytic enzyme production from <i>Aspergillus</i> species by solid-state fermentation. <i>Biomass Conversion and Biorefinery</i> , 2014, 4, 201-209.	4.6	24
70	Influence of temperature and pH on the production of biosurfactant, bacteriocin and lactic acid by <i>Lactococcus lactis</i> CECT-4434. <i>CYTA - Journal of Food</i> , 2017, 15, 525-530.	1.9	24
71	Fed-batch production of vanillin by <i>Bacillus aryabhattai</i> BA03. <i>New Biotechnology</i> , 2018, 40, 186-191.	4.4	24
72	Biorefining brewery spent grain polysaccharides through biotuning of ionic liquids. <i>Carbohydrate Polymers</i> , 2019, 203, 265-274.	10.2	24

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73	Microaerophilic metabolism of <i>Pachysolen tannophilus</i> at different pH values. <i>Biotechnology Letters</i> , 1999, 21, 719-723.	2.2	23
74	Purification of ferulic acid solubilized from agroindustrial wastes and further conversion into 4-vinyl guaiacol by <i>Streptomyces setonii</i> using solid state fermentation. <i>Industrial Crops and Products</i> , 2012, 39, 52-61.	5.2	23
75	Assessment of minerals in aged grape marc distillates by FAAS/FAES and ICP-MS. Characterization and safety evaluation. <i>Food Control</i> , 2014, 35, 49-55.	5.5	23
76	Effect of temperature on the microaerophilic metabolism of <i>Pachysolen tannophilus</i> . <i>Enzyme and Microbial Technology</i> , 2001, 28, 339-345.	3.2	22
77	Response surface modeling of vanillin production by <i>Escherichia coli</i> JM109pBB1. <i>Biochemical Engineering Journal</i> , 2007, 36, 268-275.	3.6	21
78	The storage of grape marc: Limiting factor in the quality of the distillate. <i>Food Control</i> , 2010, 21, 1545-1549.	5.5	21
79	Production of vinyl derivatives from alkaline hydrolysates of corn cobs by recombinant <i>Escherichia coli</i> containing the phenolic acid decarboxylase from <i>Lactobacillus plantarum</i> CECT 748T. <i>Bioresource Technology</i> , 2012, 117, 274-285.	9.6	21
80	Inhibitory substances production by <i>Lactobacillus plantarum</i> ST16Pa cultured in hydrolyzed cheese whey supplemented with soybean flour and their antimicrobial efficiency as biopreservatives on fresh chicken meat. <i>Food Research International</i> , 2017, 99, 762-769.	6.2	21
81	Coupling two sizes of CSTR-type bioreactors for sequential lactic acid and xylitol production from hemicellulosic hydrolysates of vineshoot trimmings. <i>New Biotechnology</i> , 2012, 29, 421-427.	4.4	20
82	Decarboxylation of Ferulic Acid to 4-Vinyl Guaiacol by <i>Streptomyces setonii</i> . <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 289-299.	2.9	20
83	Ferulic acid transformation into the main vanilla aroma compounds by <i>Amycolatopsis</i> sp. ATCC 39116. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1677-1689.	3.6	20
84	Using brewer's spent grain to formulate culture media for the production of bacteriocins using Patagonian strains. <i>LWT - Food Science and Technology</i> , 2018, 96, 166-174.	5.2	20
85	Feruloyl esterase production by <i>Aspergillus terreus</i> CECT 2808 and subsequent application to enzymatic hydrolysis. <i>Enzyme and Microbial Technology</i> , 2016, 91, 52-58.	3.2	19
86	Effect of carbon sources on the growth and ethanol production of native yeast <i>Pichia kudriavzevii</i> ITV-S42 isolated from sweet sorghum juice. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 1069-1077.	3.4	19
87	Faster methane production after sequential extrusion and enzymatic hydrolysis of vine trimming shoots. <i>Environmental Chemistry Letters</i> , 2018, 16, 295-299.	16.2	19
88	Biotransformation of phenolic compounds by <i>Bacillus aryabhatai</i> . <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 1671-1679.	3.4	19
89	Dimorphic behaviour of <i>Debaryomyces hansenii</i> grown on barley bran acid hydrolyzates. <i>Biotechnology Letters</i> , 2000, 22, 605-610.	2.2	18
90	Production of bacteriocin-like inhibitory substance by <i>Bifidobacterium lactis</i> in skim milk supplemented with additives. <i>Journal of Dairy Research</i> , 2015, 82, 350-355.	1.4	18

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91	Optimization of the process of aromatic and medicinal plant maceration in grape marc distillates to obtain herbal liqueurs and spirits. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 4760-4771.	3.5	18
92	Valorization of chestnut ( <i>Castanea sativa</i> ) residues: Characterization of different materials and optimization of the acid-hydrolysis of chestnut burrs for the elaboration of culture broths. <i>Waste Management</i> , 2019, 87, 472-484.	7.4	18
93	Stabilization of Kerosene/Water Emulsions Using Bioemulsifiers Obtained by Fermentation of Hemicellulosic Sugars with <i>Lactobacillus pentosus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 10162-10168.	5.2	17
94	Bioprocess Design for the Microbial Production of Natural Phenolic Compounds by <i>Debaryomyces hansenii</i> . <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 2268-2284.	2.9	17
95	First Approach to the Analytical Characterization of Barrel-Aged Grape Marc Distillates Using Phenolic Compounds and Colour Parameters. <i>Food Technology and Biotechnology</i> , 2014, 52, 391-402.	2.1	17
96	Isolation and characterization of <i>Saccharomyces</i> species for bioethanol production from sugarcane molasses: Studies of scale up in bioreactor. <i>Renewable Energy</i> , 2016, 85, 649-656.	8.9	17
97	Use of waste materials for <i>Lactococcus lactis</i> development. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 1726-1734.	3.5	16
98	Recovery and reuse of ionic liquid cholinium glycinate in the treatment of brewery spent grain. <i>Separation and Purification Technology</i> , 2021, 254, 117651.	7.9	16
99	EFFECT OF NUTRIENT SUPPLEMENTATION OF CRUDE OR DETOXIFIED CONCENTRATED DISTILLED GRAPE MARC HEMICELLULOSIC HYDROLYSATES ON THE XYLITOL PRODUCTION BY <i>Debaryomyces hansenii</i> . <i>Preparative Biochemistry and Biotechnology</i> , 2012, 42, 1-14.	1.9	15
100	Study of the volatile compounds produced by <i>Debaryomyces hansenii</i> NRRL Y-7426 during the fermentation of detoxified concentrated distilled grape marc hemicellulosic hydrolysates. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 3123-3134.	3.6	15
101	Optimisation of accelerated ageing of grape marc distillate on a micro-scale process using a Box-Benhken design: influence of oak origin, fragment size and toast level on the composition of the final product. <i>Australian Journal of Grape and Wine Research</i> , 2017, 23, 5-14.	2.1	15
102	Study of the potential of the air lift bioreactor for xylitol production in fed-batch cultures by <i>Debaryomyces hansenii</i> immobilized in alginate beads. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 151-161.	3.6	14
103	Evaluation of the liquid, solid and total fractions of beer, cider and wine lees as economic nutrient for xylitol production. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1027-1039.	3.2	14
104	High hydrostatic pressure as pretreatment and adjuvant for the enzymatic release of ferulic acid from corn cob. <i>Process Biochemistry</i> , 2017, 58, 204-210.	3.7	13
105	Stimulating Effects of Sucrose and Inulin on Growth, Lactate, and Bacteriocin Productions by <i>Pediococcus pentosaceus</i> . <i>Probiotics and Antimicrobial Proteins</i> , 2017, 9, 466-472.	3.9	12
106	Xylitol production from hybrid poplar wood chips pretreated by the ammonia steeping process. <i>Biotechnology Letters</i> , 1997, 11, 339-341.	0.5	11
107	Estragole quantity optimization from fennel seeds by supercritical fluid extraction (carbon) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T5 and Products, 2014, 60, 186-192.	5.2	11
108	Phenolic compounds and aroma-impact odorants in herb liqueurs elaborated by maceration of aromatic and medicinal plants in grape marc distillates. <i>Journal of the Institute of Brewing</i> , 2016, 122, 653-660.	2.3	11

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109	Detoxification of chestnut burrs hydrolyzates to produce biomolecules. <i>Biochemical Engineering Journal</i> , 2020, 159, 107599.	3.6	11
110	Maintenance and growth requirements in the metabolism of <i>Debaryomyces hansenii</i> performing xylose to xylitol bioconversion in corncob hemicellulose hydrolyzate. <i>Biotechnology and Bioengineering</i> , 2009, 102, 1062-1073.	3.3	10
111	Fermentation kinetics and chemical characterisation of <i>vino tostado</i> , a traditional sweet wine from Galicia (NW Spain). <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 121-131.	3.5	10
112	Kinetic modelling of the sequential production of lactic acid and xylitol from vine trimming wastes. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 869-878.	3.4	10
113	Characterization by chemical and sensory analysis of commercial grape marc distillate (Orujo) aged in oak wood. <i>Journal of the Institute of Brewing</i> , 2012, 118, 205-212.	2.3	10
114	Fermentation Strategies Explored for Xylitol Production. , 2012, , 161-191.		9
115	Lactic Acid and Biosurfactants Production from Residual Cellulose Films. <i>Applied Biochemistry and Biotechnology</i> , 2015, 177, 1099-1114.	2.9	8
116	Lipase production by solid state fermentation of olive pomace in tray type and pressurized bioreactors. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1312-1319.	3.2	8
117	Ligninolytic Enzymes of Endospore-Forming <i>Bacillus aryabhatai</i> BA03. <i>Current Microbiology</i> , 2020, 77, 702-709.	2.2	8
118	Drying. , 2011, , 727-735.		7
119	Optimization of Salts Supplementation on Xylitol Production by <i>Debaryomyces hansenii</i> Using a Synthetic Medium or Corncob Hemicellulosic Hydrolyzates and Further Scaled Up. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 6579-6589.	3.7	7
120	Optimisation of cheese whey enzymatic hydrolysis and further continuous production of antimicrobial extracts by <i>Lactobacillus plantarum</i> CECT-221. <i>Journal of Dairy Research</i> , 2016, 83, 402-411.	1.4	6
121	Vine Trimming Shoots as Substrate for Ferulic Acid Esterases Production. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 813-826.	2.9	6
122	Development of Sustainable Biorefinery Processes Applying Deep Eutectic Solvents to Agrofood Wastes. <i>Energies</i> , 2022, 15, 4101.	3.1	6
123	Evaluation of wine vinasses as alternative nutrients in biotechnological processes Evaluaci3n de vinazas vAnicas como nutriente alternativo en procesos biotecnol3gicos. <i>CYTA - Journal of Food</i> , 2011, 9, 278-281.	1.9	5
124	Acetic Acid-Tolerant Native Yeast <i>Pichia kudriavzevii</i> ITV-S42 Isolated from Sweet Sorghum Juice for Ethanol Production. <i>Sugar Tech</i> , 2022, 24, 576-584.	1.8	5
125	Minerals and Organic Nitrogen Present in Grape Marc Hydrolyzates Enhance Xylose Consumption by <i>Lactobacillus pentosus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2009, 152, 262-274.	2.9	4
126	Optimization of cellulase and xylanase production by <i>Aspergillus niger</i> CECT 2700 using brewery spent grain based on Taguchi design. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 7983-7991.	4.6	4



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127	Enhancing the saccharification of pretreated chestnut burrs to produce bacteriocins. Journal of Biotechnology, 2021, 329, 13-20.	3.8	3
128	Use of Vine-Trimming Wastes as Carrier for Amycolatopsis sp. to Produce Vanillin, Vanillyl Alcohol, and Vanillic Acid. Current Microbiology, 2016, 73, 561-568.	2.2	2