

Mustafa Germe

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.

52
papers

702
citations

18
h-index

23
g-index

59
ext. papers

837
ext. citations

3.3
avg, IF

5.22
L-index

#	Paper	IF	Citations
52	Controlling filamentous fungi morphology with microparticles to enhanced β mannanase production. <i>Bioprocess and Biosystems Engineering</i> , 2016 , 39, 1391-9	3.7	45
51	Ethanol production via repeated-batch fermentation from carob pod extract by using <i>Saccharomyces cerevisiae</i> in biofilm reactor. <i>Fuel</i> , 2015 , 161, 304-311	7.1	43
50	Medium optimization and kinetic modeling for the production of <i>Aspergillus niger</i> inulinase. <i>Bioprocess and Biosystems Engineering</i> , 2020 , 43, 217-232	3.7	33
49	Ethanol production from acid-pretreated and detoxified tea processing waste and its modeling. <i>Fuel</i> , 2018 , 231, 101-109	7.1	33
48	Bioconversion of wheat bran into high value-added products and modelling of fermentations. <i>Industrial Crops and Products</i> , 2019 , 139, 111565	5.9	32
47	Effect of different fermentation strategies on β mannanase production in fed-batch bioreactor system. <i>3 Biotech</i> , 2017 , 7, 77	2.8	27
46	Evaluation of carbon sources for the production of inulinase by <i>Aspergillus niger</i> A42 and its characterization. <i>Bioprocess and Biosystems Engineering</i> , 2019 , 42, 1993-2005	3.7	26
45	Microparticle-enhanced polygalacturonase production by wild type. <i>3 Biotech</i> , 2017 , 7, 361	2.8	24
44	Ethanol production from acid-pretreated and detoxified rice straw as sole renewable resource. <i>Biomass Conversion and Biorefinery</i> , 2018 , 8, 607-619	2.3	24
43	Inulinase production and mathematical modeling from carob extract by using <i>Aspergillus niger</i> . <i>Biotechnology Progress</i> , 2020 , 36, e2919	2.8	23
42	Ultrasound-assisted dilute acid hydrolysis of tea processing waste for production of fermentable sugar. <i>Biotechnology Progress</i> , 2016 , 32, 393-403	2.8	21
41	Mathematical modeling of lactic acid fermentation in bioreactor with carob extract. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018 , 14, 254-263	4.2	20
40	β Mannanase production and kinetic modeling from carob extract by using recombinant <i>Aspergillus sojae</i> . <i>Biotechnology Progress</i> , 2019 , 35, e2885	2.8	20
39	Microwave-assisted dilute acid pretreatment of different agricultural bioresources for fermentable sugar production. <i>Cellulose</i> , 2017 , 24, 4337-4353	5.5	20
38	Enhanced β mannanase production from alternative sources by recombinant <i>Aspergillus sojae</i> . <i>Acta Alimentaria</i> , 2016 , 45, 371-379	1	20
37	Ethanol production from rice hull using <i>Pichia stipitis</i> and optimization of acid pretreatment and detoxification processes. <i>Biotechnology Progress</i> , 2016 , 32, 872-82	2.8	20
36	Kinetic Modeling and Techno-economic Feasibility of Ethanol Production From Carob Extract Based Medium in Biofilm Reactor. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2121	2.6	18

35	Effect of media sterilization and enrichment on ethanol production from carob extract in a biofilm reactor. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016 , 38, 3268-3272	1.6	18
34	Biofilm reactors for value-added products production: An in-depth review. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020 , 27, 101662	4.2	17
33	Enhanced production of <i>Aspergillus niger</i> inulinase from sugar beet molasses and its kinetic modeling. <i>Biotechnology Letters</i> , 2020 , 42, 1939-1955	3	16
32	Application of mathematical models to ethanol fermentation in biofilm reactor with carob extract. <i>Biomass Conversion and Biorefinery</i> , 2020 , 10, 237-252	2.3	16
31	Enhancing β -mannanase production by controlling fungal morphology in the bioreactor with microparticle addition. <i>Food and Bioproducts Processing</i> , 2020 , 121, 123-130	4.9	13
30	Dilute acid and alkaline pretreatment of spent tea leaves to determine the potential of carbon sources. <i>Biomass Conversion and Biorefinery</i> , 2018 , 8, 529-544	2.3	13
29	Ethanol production in a biofilm reactor with non-sterile carob extract media and its modeling. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018 , 40, 2726-2734	1.6	13
28	Optimization of dilute acid pretreatment of barley husk and oat husk and determination of their chemical composition. <i>Cellulose</i> , 2018 , 25, 6377-6393	5.5	13
27	Partial purification and characterization of a recombinant β -mannanase from <i>Aspergillus fumigatus</i> expressed in <i>Aspergillus sojae</i> grown on carob extract. <i>Biomass Conversion and Biorefinery</i> , 2020 , 10, 1189-1205	2.3	12
26	The inhibition effect of phenol on the production of <i>Aspergillus niger</i> inulinase and its modeling. <i>Journal of Food Processing and Preservation</i> , 2020 , 45, e14522	2.1	9
25	Thermostability of <i>Aspergillus niger</i> inulinase from sugar beet molasses in the submerged fermentation and determination of its kinetic and thermodynamic parameters. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	9
24	Mathematical modeling of batch bioethanol generation from carob extract in the suspended-cell stirred-tank bioreactor. <i>International Journal of Energy Research</i> , 2020 , 44, 9021-9034	4.5	9
23	Production and characterization of tempehs from different sources of legume by <i>Rhizopus oligosporus</i> . <i>LWT - Food Science and Technology</i> , 2020 , 119, 108880	5.4	9
22	Statistical and kinetic modeling of <i>Aspergillus niger</i> inulinase fermentation from carob extract and its partial concentration. <i>Industrial Crops and Products</i> , 2020 , 156, 112866	5.9	9
21	Ethanol production from different medium compositions of rice husk hydrolysate by using <i>Scheffersomyces stipitis</i> in a repeated-batch biofilm reactor and its modeling. <i>Process Biochemistry</i> , 2021 , 100, 26-38	4.8	9
20	Effect of furfural concentration on ethanol production using <i>Saccharomyces cerevisiae</i> in an immobilized cells stirred-tank bioreactor with glucose-based medium and mathematical modeling. <i>Journal of Food Processing and Preservation</i> , 2021 , 45, e14635	2.1	7
19	<i>Scheffersomyces stipitis</i> biofilm reactor for ethanol production from acid-pretreated/detoxified and glucose- or xylose-enriched rice husk hydrolysate under a continuous process. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	6
18	Modeling of ethanol fermentation from carob extract-based medium by using <i>Saccharomyces cerevisiae</i> in the immobilized-cell stirred tank bioreactor. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	6

17	Solid-state fermentation for the production of a recombinant β mannanase from <i>Aspergillus fumigatus</i> expressed in <i>Aspergillus sojae</i> grown on renewable resources. <i>Journal of Food Processing and Preservation</i> , 2021 , 45, e14584	2.1	6
16	Partial purification and characterization of <i>Aspergillus niger</i> inulinase produced from sugar-beet molasses in the shaking incubator and stirred-tank bioreactors. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 3789-3799	7.9	5
15	Effect of pH control and aeration on inulinase production from sugarbeet molasses in a bench-scale bioreactor. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	5
14	Optimization of acidic hydrolysis conditions of rice husk for fermentable sugar production. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016 , 38, 3103-3108	1.6	4
13	Scale-up processing with different microparticle agent for β mannanase production in a large-scale stirred tank bioreactor. <i>Journal of Food Processing and Preservation</i> , 2021 , 45, e14915	2.1	4
12	Chemical characterization of acid-pretreated renewable resources: effect of pretreatment time. <i>Biofuels</i> , 2020 , 1-11	2	3
11	Implementation of flexible models to bioethanol production from carob extract-based media in a biofilm reactor. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	3
10	Fermentable sugars production from wheat bran and rye bran: response surface model optimization of dilute sulfuric acid hydrolysis. <i>Environmental Technology (United Kingdom)</i> , 2021 , 1-22	2.6	3
9	Mannooligosaccharide production by β mannanase enzyme application from coffee extract. <i>Journal of Food Processing and Preservation</i> , 2021 , 45, e14668	2.1	3
8	Optimization of mannoooligosaccharides production from different hydrocolloids via response surface methodology using a recombinant <i>Aspergillus sojae</i> β mannanase produced in the microparticle-enhanced large-scale stirred tank bioreactor. <i>Journal of Food Processing and Preservation</i> , 2021 , 45, e14916	2.1	3
7	Predicting the experimental data of the substrate specificity of <i>Aspergillus niger</i> inulinase using mathematical models, estimating kinetic constants in the Michaelis-Menten equation, and sensitivity analysis. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	3
6	The effects of mannanase activity on viscosity in different gums. <i>Journal of Food Processing and Preservation</i> , 2021 , 45, e14820	2.1	2
5	Kinetic modeling and sensitivity analysis of inulinase production in large-scale stirred tank bioreactor with sugar beet molasses-based medium. <i>Biochemical Engineering Journal</i> , 2021 , 176, 1082014.2	4.2	2
4	Predictive modeling and sensitivity analysis to estimate the experimental data of inulinase fermentation by <i>Aspergillus niger</i> grown on sugar beet molasses-based medium optimized using Plackett-Burman Design. <i>Biotechnology and Applied Biochemistry</i> , 2021 ,	2.8	1
3	Application of <i>Aspergillus niger</i> inulinase production in sugar beet molasses-based medium optimized by Central Composite Design to mathematical models. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	1
2	Kinetic modeling, sensitivity analysis, and techno-economic feasibility of ethanol fermentation from non-sterile carob extract-based media in <i>Saccharomyces cerevisiae</i> biofilm reactor under a repeated-batch fermentation process. <i>Fuel</i> , 2022 , 324, 124729	7.1	1
1	Effect of process parameters and microparticle addition on polygalacturonase activity and fungal morphology of <i>Aspergillus sojae</i> . <i>Biomass Conversion and Biorefinery</i> ,1	2.3	0