

Mustafa Germeş

List of Publications by Year in descending order

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docs citations

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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> , 2022, 12, 5241-5255. | 2.9 | 9 |
| 2 | 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> , 2022, 12, 3219-3227. | 2.9 | 10 |
| 3 | Fermentable sugars production from wheat bran and rye bran: response surface model optimization of dilute sulfuric acid hydrolysis. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 3779-3800. | 1.2 | 7 |
| 4 | Effect of process parameters and microparticle addition on polygalacturonase activity and fungal morphology of <i>Aspergillus sojae</i> . <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 5329-5344. | 2.9 | 5 |
| 5 | 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. | 3.4 | 7 |
| 6 | Repeated-batch fermentation of <i>Scheffersomyces stipitis</i> in biofilm reactor for ethanol production from the detoxified and glucose- or xylose-enriched rice husk hydrolysate and its kinetic modeling. <i>Fuel</i> , 2022, 326, 125053. | 3.4 | 2 |
| 7 | 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> , 2021, 45, e14522. | 0.9 | 13 |
| 8 | <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> , 2021, 11, 2909-2921. | 2.9 | 7 |
| 9 | Implementation of flexible models to bioethanol production from carob extract-based media in a biofilm reactor. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 2983-2999. | 2.9 | 5 |
| 10 | 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. | 0.9 | 10 |
| 11 | 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. | 0.9 | 13 |
| 12 | Mannooligosaccharide production by β -mannanase enzyme application from coffee extract. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e14668. | 0.9 | 8 |
| 13 | The effects of mannanase activity on viscosity in different gums. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e14820. | 0.9 | 4 |
| 14 | 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. | 0.9 | 8 |
| 15 | 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. | 0.9 | 7 |
| 16 | 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. | 1.8 | 12 |
| 17 | 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, 108201. | 1.8 | 8 |
| 18 | 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, , . | 1.4 | 1 |

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|----|--|-----|-----------|
| 19 | Application of mathematical models to ethanol fermentation in biofilm reactor with carob extract. <i>Biomass Conversion and Biorefinery</i> , 2020, 10, 237-252. | 2.9 | 20 |
| 20 | Medium optimization and kinetic modeling for the production of <i>Aspergillus niger</i> inulinase. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 217-232. | 1.7 | 41 |
| 21 | Partial purification and characterization of a recombinant Î ² -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. | 2.9 | 17 |
| 22 | Inulinase production and mathematical modeling from carob extract by using <i>Aspergillus niger</i> . <i>Biotechnology Progress</i> , 2020, 36, e2919. | 1.3 | 32 |
| 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. | 2.5 | 25 |
| 24 | 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. | 2.5 | 12 |
| 25 | 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. | 3.6 | 8 |
| 26 | Enhanced production of <i>Aspergillus niger</i> inulinase from sugar beet molasses and its kinetic modeling. <i>Biotechnology Letters</i> , 2020, 42, 1939-1955. | 1.1 | 16 |
| 27 | Chemical characterization of acid-pretreated renewable resources: effect of pretreatment time. <i>Biofuels</i> , 2020, , 1-11. | 1.4 | 4 |
| 28 | Biofilm reactors for value-added products production: An in-depth review. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 27, 101662. | 1.5 | 36 |
| 29 | Mathematical modeling of batch bioethanol generation from carob extract in the suspendedâ€cell stirredâ€tank bioreactor. <i>International Journal of Energy Research</i> , 2020, 44, 9021-9034. | 2.2 | 9 |
| 30 | Enhancing Î ² -mannanase production by controlling fungal morphology in the bioreactor with microparticle addition. <i>Food and Bioprocesses Processing</i> , 2020, 121, 123-130. | 1.8 | 19 |
| 31 | 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. | 1.7 | 35 |
| 32 | Bioconversion of wheat bran into high value-added products and modelling of fermentations. <i>Industrial Crops and Products</i> , 2019, 139, 111565. | 2.5 | 42 |
| 33 | Î ² -Mannanase production and kinetic modeling from carob extract by using recombinant <i>Aspergillus sojae</i> . <i>Biotechnology Progress</i> , 2019, 35, e2885. | 1.3 | 21 |
| 34 | 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. | 1.3 | 24 |
| 35 | Ethanol production from acid-pretreated and detoxified rice straw as sole renewable resource. <i>Biomass Conversion and Biorefinery</i> , 2018, 8, 607-619. | 2.9 | 27 |
| 36 | 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. | 2.9 | 13 |

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|----|---|-----|-----------|
| 37 | Mathematical modeling of lactic acid fermentation in bioreactor with carob extract. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 14, 254-263. | 1.5 | 23 |
| 38 | Optimization of dilute acid pretreatment of barley husk and oat husk and determination of their chemical composition. <i>Cellulose</i> , 2018, 25, 6377-6393. | 2.4 | 23 |
| 39 | Ethanol production from acid-pretreated and detoxified tea processing waste and its modeling. <i>Fuel</i> , 2018, 231, 101-109. | 3.4 | 42 |
| 40 | 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. | 1.2 | 15 |
| 41 | Effect of different fermentation strategies on β -mannanase production in fed-batch bioreactor system. <i>3 Biotech</i> , 2017, 7, 77. | 1.1 | 36 |
| 42 | Microparticle-enhanced polygalacturonase production by wild type <i>Aspergillus sojae</i> . <i>3 Biotech</i> , 2017, 7, 361. | 1.1 | 29 |
| 43 | Microwave-assisted dilute acid pretreatment of different agricultural bioresources for fermentable sugar production. <i>Cellulose</i> , 2017, 24, 4337-4353. | 2.4 | 26 |
| 44 | Ethanol production from carob extract by using <i>Saccharomyces cerevisiae</i> in biofilm reactor. , 2017, , . | | 0 |
| 45 | Optimization of ultrasound-assisted dilute acid hydrolysis conditions of tea processing waste. , 2017, , . | | 0 |
| 46 | Optimization of ultrasound-assisted dilute acid hydrolysis conditions of tea processing waste. , 2016, , . | | 0 |
| 47 | Ethanol production from carob extract by using <i>Saccharomyces cerevisiae</i> in biofilm reactor. , 2016, , . | | 0 |
| 48 | Ethanol production from rice hull using <i>Pichia stipitis</i> and optimization of acid pretreatment and detoxification processes. <i>Biotechnology Progress</i> , 2016, 32, 872-882. | 1.3 | 28 |
| 49 | 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. | 1.2 | 7 |
| 50 | 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. | 1.2 | 19 |
| 51 | Ultrasound-assisted dilute acid hydrolysis of tea processing waste for production of fermentable sugar. <i>Biotechnology Progress</i> , 2016, 32, 393-403. | 1.3 | 28 |
| 52 | Controlling filamentous fungi morphology with microparticles to enhanced β -mannanase production. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 1391-1399. | 1.7 | 53 |
| 53 | Enhanced β -mannanase production from alternative sources by recombinant <i>Aspergillus sojae</i> . <i>Acta Alimentaria</i> , 2016, 45, 371-379. | 0.3 | 22 |
| 54 | 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. | 3.4 | 55 |

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|----|---|-----|-----------|
| 55 | Keşifboynuzu Ekstraktında Bulunan D-Pinitol'un Aşok Aşılama Zenginleştirme Prosesi ile Konsantrasyonu. Gıda, 2015, , . | 0.1 | 1 |
| 56 | Effect of pH control and aeration on inulinase production from sugarbeet molasses in a bench-scale bioreactor. Biomass Conversion and Biorefinery, 0, , 1. | 2.9 | 7 |
| 57 | 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. Biomass Conversion and Biorefinery, 0, , 1. | 2.9 | 8 |
| 58 | Application of <i>Aspergillus niger</i> inulinase production in sugar beet molasses-based medium optimized by Central Composite Design to mathematical models. Biomass Conversion and Biorefinery, 0, , 1. | 2.9 | 3 |