

REFERENCES

- Ahmad, M. I., Farooq, S., Alhamoud, Y., Li, C., and Zhang, H. (2022). A Review on Mycoprotein: History, Nutritional Composition, Production Methods, and Health Benefits. *Trend in Food Science and Technology*. 121. 14-29. <https://doi.org/10.1016/j.tifs.2022.01.027>
- Amini, S. R., Nasser, A. T., Morowvat, M. H., and Ghasemi, Y. (2011). Single Cell Protein: Production and Process. *American Journal of Food Technology*. <https://doi.org/10.3923/ajft.2011.103.116>
- APHA-AWWA-WEF. (2017). *Standard Methods for the Examination of Water and Wastewater: 23rd edition*. American Public Health Association/American Water Works Association/Water Environment Federation.
- Arthey, T., Srisompun, O., and Zimmer, Y. (2018). *Cassava Production and Processing in Thailand*. Agri Benchmark. Retrieved January 30, 2023 from <http://www.agribenchmark.org/fileadmin/Dateiablage/B-Cash-Crop/Reports/CassavaReportFinal-181030.pdf>.
- Aslanzadeh, S., Ishola, M. M., Richards, T., and Taherzadeh, M. J. (2014). Chapter 1 - An Overview of Existing Individual Unit Operations. *Biorefineries*. 3-36. <https://doi.org/10.1016/B978-0-444-59498-3.00001-4>
- Azmi, A. S., Malek, M. I. A., and Puad, N. I. M. (2017). A Review on Acid and Enzymatic Hydrolyses of Sago Starch. *International Food Research Journal*. 265-273.
- Bullerman, L. B. (2003). Spoilage: Fungi in Food – An Overview. *Encyclopedia of Food Sciences and Nutrition (Second Edition)*. 5511-5522. <https://doi.org/10.1016/B0-12-227055-X/01129-9>
- Choudhary, A., Kumar, V., Kumar, S., Majid, I., Aggarwal, P., and Suri, S. (2020). 5-Hydroxymethylfurfural (HMF) Formation, Occurrence and Potential Health Concerns: Recent Developments. *Toxin Reviews*. 40(4). 545-561. <https://doi.org/10.1080/15569543.2020.1756857>
- Ciani, M., Lippolis, A. Fava, F., Rodolfi, L., Niccolai, A., and Tredici, M. R. (2021). Microbes: Food for the Future. *Foods*. 10(5), 971. <https://doi.org/10.3390/foods10050971>
- Clifton, P., and Keogh, J. (2016). Starch. *Encyclopedia of Food and Health*. 146-151. <https://doi.org/10.1016/B978-0-12-384947-2.00661-9>
- Corbishley, D. A. and Miller, W. (1984). Chapter XIII – Tapioca, Arrowroot, and Sago Starches: Production. *Food Science and Technology*. 469 – 478. <https://doi.org/10.1016/B978-0-12-746270-7.50019-7>
- Darah, I., Sumathi, G., Jain, K., and Lim, S. H. (2011). Influence of Agitation Speed on Tannase Production and Morphology of *Aspergillus niger* FETL FT3 in Submerged Fermentation. *Appl Biochem Biotechnol*. 165. 1682-1690. <https://doi.org/10.1007/s12010-011-9387-8>
- Eisler, R. and Wiemeyer, S. N. (2004). Cyanide Hazards to Plants and Animals from Gold Mining and Related Water Issues. *Rev Environ Contam Toxicol*. https://doi.org/10.1007/978-1-4419-9100-3_2
- Enshasy, H. A. E. (2007). Chapter 9 - Filamentous Fungal Cultures - Process Characteristics, Products, and Applications. *Bioprocessing for Value-Added*

- Products from Renewable Resources: New Technologies and Applications*. 225-261. <https://doi.org/10.1016/B978-044452114-9/50010-4>
- FAO. (2001). *Strategic Environmental Assessment: An Assessment of the Impact of Cassava Production and Processing on the Environment and Biodiversity*. Volume 5. FAO.
- Fatemeh, S., Reihani, S., Darani, K. K. (2019). Influencing Factors on Single-cell Protein Production by Submerged Fermentation: A review. *Journal of Biotechnology*. 37. 34-40. <https://doi.org/10.1016/j.ejbt.2018.11.005>
- Finnigan, T. J. A., Wall, B. T., Wilde, P. J., Stephens, F. B., Taylor, S. L., and Freedman, M. R. (2019). Mycoprotein: The Future of Nutritious Nonmeat Protein, a Symposium Review. *Current Developments in Nutrition*. 3(6), 1-5. <https://doi.org/10.1093/cdn/nzz021>
- Gilani, G. S., and Lee, N. (2003). Protein: Sources of Food-grade Protein. *Encyclopedia of Food Sciences and Nutrition (Second Edition)*. 4873-4879. <https://doi.org/10.1016/B0-12-227055-X/00834-8>
- Guaragnella, N. and Bettiga, M. (2021). Acetic Acid Stress in Budding Yeast: From Molecular Mechanisms to Applications. *Yeast*. 38(7). 319 - 400. <https://doi.org/10.1002/yea.3651>
- Henchion, M., Hayes, M., Anne, M. M., Mark, F., and Brijesh, T. (2017). Future Protein Supply and Demand: Strategies and Factors Influencing a Sustainable Equilibrium. *Foods*. 6(7), 53. <https://doi.org/10.3390/foods6070053>
- Heuze, V., Tran, G., Archimede, H., Regnier, C., Bastianelli, D., Lebas, F. (2016). *Cassava Peels Cassava Pomace and Other Cassava by-products*. Feedipedia. Retrieved March 16, 2023 from <https://agritrop.cirad.fr/582526/1/ID582526.pdf>
- Hu, Z. and Grasso, D. (2005). Water Analysis, Chemical Oxygen Demand. *Encyclopedia of Analytical Science (Second Edition)*. 325 - 330. <https://doi.org/10.1016/B0-12-369397-7/00663-4>
- Ibrahim, D. and Lim, S. H. (2014). Utilization of Palm Kernel Cake as a Novel Substrate for Phytase Production by *Aspergillus niger* USM AI1. *BioResources*. 9(1). 1488 - 1497. <https://doi.org/10.15376/biores.9.1.1488-1497>
- Ibrahim, D., Weloosamy, H, and Lim, S. H. (2015). Effect of Agitation Speed on the Morphology of *Aspergillus niger* HFD5A-1 Hyphae and its Pectinase Production in Submerged Fermentation. *World Journal Biol Chem*. 6(3). 265-271. <https://doi.org/10.4331/wjbc.v6.i3.265>
- Jalasutram, V., Kataram, S., Gandu, B., and Anupaju, G. R. (2013). Single cell protein production from digested and undigested poultry litter by *Candida* is useful: Optimization of process parameters using response surface methodology. *Clean Technologies and Environmental Policy*. 15. 265–273. <https://doi.org/10.1007/s10098-012-0504-3>
- Jaronski, S. T. and Jakcsen, M. A. (2012). Chapter VIII - Mass Production of Entomopathogenic Hypocreales. *Manual of Techniques in Invertebrate Pathology (Second Edition)*. <https://doi.org/10.1016/B978-0-12-386899-2.00008-7>

- Kakroodi, A. R., and Sain, M. (2016). 10 - Lignin-Reinforced Rubber Composites. *Lignin in Polymer Composites*. 195 - 206. <https://doi.org/10.1016/B978-0-323-35565-0.00010-2>
- Kam, S., Kenari, A. A., and Younesi, H. (2012). Production of Single Cell Protein in Stickwater by *Lactobacillus acidophilus* and *Aspergillus niger*. *Journal of Aquatic Food Product Technology*. 21. 403-417. <https://doi.org/10.1080/10498850.2011.605539>
- Kanwal, M., Wattoo, A. G., Khushnood, R. A., Liaqat, A., Iqbal, R., and Song, Z. (2023). Chapter 12 - Advancements and Challenges in Production of Biosurfactants. *Applications of Next Generation Biosurfactants in the Food Sector*. 239 - 259. <https://doi.org/10.1016/B978-0-12-824283-4.00019-8>
- Khan, M. Y., Dahot, M. U., and Khan, M. Y. (1992). Single Cell Protein Production by *Penicillium Javanicum* from Pretreated Rice Husk. *Journal of Islamic Academy of Sciences*. 5(1). 39-43.
- Khandare, K. (2021). *Biological Essence of Fungi*. SDR INNOWAYS INDIA PVT. LTD.
- Khokhar, Z., Syed, Q. A., Baig, S., Nadeem, M., Sher, M. G., and Islam, I. (2010). Studies on the Development of Value Added Food Barley with *Rhizopus oligosporus* in Koji Fermentation. *Sci.Int (Lahore)*. 22(3). 219-226.
- Kishore, V. (2008). *Renewable Energy Engineering and Technology Principles and Practice*. TERI Press.
- Kubala, J. (2022). *Essential Amino Acids: Definition, Benefits, and Food Sources*. Retrieved February 6, 2023 from <https://www.healthline.com/nutrition/essential-amino-acids>
- Kumar, N. and Dixit, A. (2021). Chapter 4 - Management of Biomass. *Nanotechnology for Rural Development: Micro and Nano Technologies*. 97 - 140. <https://doi.org/10.1016/B978-0-12-824352-7.00004-9>
- Kurpad, A. V. (2013). Protein: Quality and Sources. *Encyclopedia of Human Nutrition (Third Edition)*. 123 - 130. <https://doi.org/10.1016/B978-0-12-375083-9.00241-5>
- Landeta-Salgado, C., Muñoz, R., Blanco, A., and Lienqueo, M. E. (2021). Valorization and upgrading of the nutritional value of seaweed and seaweed waste using the marine fungi *Paradendryphiella salina* to produce mycoprotein. *Algal Research*. 53. 102135. <https://doi.org/10.1016/j.algal.2020.102135>
- Liu, S. (2017). Chapter 11 – How Cells Grow. *Bioprocess Engineering (Second Edition)*. 629 – 697. <https://doi.org/10.1016/B978-0-444-63783-3.00011-3>
- Manan, M. A. and Webb, C. (2017). Design Aspects of Solid State Fermentation as Applied to Microbial Bioprocessing. *Journal of Applied Biotechnology and Bioengineering*. 4(1). 511 – 532.
- Maria, C., and Csaba, C. (1999). *Microbiological Examination of Water and Wastewater*. CRC Press.
- Masahid, A. D, Belgis, M., and Agesti, H. V. (2021). Functional Properties of Adlay Flour (*Coix lacryma-jobi* L. var. *Ma-yuen*) Resulting from Modified Durations of Fermentation Using *Rhizopus oligosporus*. *International*

- Journal of Food, Agriculture, and Natural Resources*. 2(2). 1-6.
<https://doi.org/10.46676/ij-fanres.v2i2.32>
- Mathew, A. K., Abraham, A., Mallapureddy, K. K., and Sukumaran, R. K. (2018). Chapter 9 - Lignocellulosic Biorefinery Wastes, or Resources. *Waste Biorefinery: Potential and Perspectives*. 267 - 297.
<https://doi.org/10.1016/B978-0-444-63992-9.00009-4>
- McCance and Widdowson's. (2015). *The Composition of Foods: Seventh Summary Edition*. The Royal Society of Chemistry.
- Meiselman, H. L. and Lorenzo, J. M. (2022). *Meat and Meat Replacements: An Interdisciplinary Assessment of Current Status and Future Directions*. Elsevier.
- Mendez, R. C. C., Gonzalez, M. L. C., Torre, L. S., Aguilar, C. N., Salas, M. G., and Gonzalez, R. R. (2022). Production of Single Cell Protein from Orange Peel Residues by *Candida utilis*. *Biocatalysis and Agricultural Biotechnology*. 40. 102298. <https://doi.org/10.1016/j.bcab.2022.102298>
- Minister of State for the Environment of Indonesia. (1995). *Decree of The Indonesian State Minister of Environment Number: KEP-51/MENLH/10/1995 About Standard Quality of Liquid Waste for Industrial Activities*. Retrieved May 4, 2023 from <https://toolsfortransformation.net/wp-content/uploads/2017/05/51-tahun-1995-Baku-mutu-limbah-cair-industri.pdf>
- Nilsson, O. (2017). Optimization of Single Cell Protein Production from Spent Sulfite Liquor using *Paecilomyces variotii*. *Sustainable Process Engineering, Master's Level*. Retrieved June 11, 2023 from <http://www.dia-portal.org/smash/get/diva2:1133622/FULLTEXT02>.
- Ninghojkar, A., Patidar, M. K., and Nighojkar, S. (2019). 8 - Pectinases: Production and Applications for Fruit Juice Beverages. *Processing and Sustainability of Beverages*. 2. 235-273. <https://doi.org/10.1016/B978-0-12-815259-1.00008-2>
- Olaleru, I. and Adepegba, V. (2015). Performance of Broiler Chicken Fed Diets Containing Cassava Peel and Leaf Meals as Replacements for Maize and Soya Bean Meal. *International Journal of Science and Technology*. 4(4). 169-173.
- Olanbiwoninu, A. (2012). Enhancing the Production of Reducing Sugars from Cassava Peels by Pretreatment Methods. *International Journal of Science and Technology*. 2(9). 650 - 657.
- Parachin, N. S., Hagerdal, B. H., and Bettiga, M. (2011). 6.40 - A Microbial Perspective on Ethanolic Lignocellulose Fermentation. *Comprehensive Biotechnology (Third Edition)*. 6. 510-518. <https://doi.org/10.1016/B978-0-444-64046-8.00379-7>
- Patel, P., Modi, A., Minipara, D., and Kumar, A. (2021). Chapter 10 – Microbial Biosurfactants in Management of Organic Waste. *Sustainable Environmental Clean-up: Green Remediation*. 211-230. <https://doi.org/10.1016/B978-0-12-823828-8.00010-4>

- Pattola, Nur, A., Atmadja, T. F. A., Yunianto, A. E., Rasmaniar, Marzuki, I., Unsunnidhal, L., Siregar, D., Puspita, R., Pakpahan, M., and Purba, A. M. V. (2020). *Gizi Kesehatan dan Penyakit*. Yayasan Kita Menulis.
- Polanowska, K., Grygier, A., Kuligowski, M., Rudzinska, M., and Nowak, J. (2020). Effect of Tempe Fermentation by Three Different Strains of *Rhizopus oligosporus* on Nutritional Characteristics of Faba Beans. *LWT - Food Science and Technology*. 122. <https://doi.org/10.1016/j.lwt.2020.109024>
- Quorn. (2017). *Quorn - the Production of Alternative First-class Protein Source for a Balanced, Sustainable Diet*. Retrieved February 8, 2023 from https://assets.ctfassets.net/uexfe9h31g3m/42NI5YMOOAKioo6OwUoWCu/737474ac34ccc7188370336a1fa5078a/1_QUORN_-_GENERAL.pdf
- Reed, N. R. and Kwok, E. S. C. (2014). Furfural. *Encyclopedia of Toxicology (Third Edition)*. 685 - 688. <https://doi.org/10.1016/B978-0-12-386454-3.00147-0>
- Reihani, S. F. S., and Darani, K. K. (2018). Influencing Factors on Single-Cell Protein Production by Submerged Fermentation: A Review. *Journal of Biotechnology*. 37. <https://doi.org/10.1016/j.ejbt.2018.11.005>
- Rhenals, D. E. L. and Morawicki, R. O. (2016). Production of Fermentable Sugars and a High Protein Meal by Dilute Acid Hydrolysis of Soybean Meal at High Temperatures. *BioResources*. 11(4). 8155 - 8165. <https://doi.org/10.15376/biores.11.4.8155-8165>
- Rubio, R. G., Oliveira, H. C., Rivera, J., and Contador, N. T. (2020). The Fungal Cell Wall: *Candida*, *Cryptococcus*, and *Aspergillus* Species. *Microbiology*. 10. <https://doi.org/10.3389/fmicb.2019.02993>
- Seung, D. (2020). Amylose in Starch: Towards an Understanding of Biosynthesis, Structure and Function. *New Phytologist*. 228(5). 1490-1504. <https://doi.org/10.1111/nph.16858>
- Seyedeh, Seyed, F., Reihani, and Darani, K. K. (2018). Mycoprotein Production from Date Waste Using *Fusarium venetatum* in a Submerged Culture. *Applied Food Biotechnology*. 5(4). 243-252.
- Sharma, R., Oberoi, H. S., and Dhillon, G. S. (2016). Chapter 2 – Fruit and Vegetable Processing Waste: Renewable Feed Stocks for Enzyme Production. *Agro-Industrial Wastes as Feedstock for Enzyme Production: Apply and Exploit the Emerging and Valuable Use Options of Waste Biomass*. 23 – 59. <https://doi.org/10.1016/B978-0-12-802392-1.00002-2>
- Shojaosadati, A. S. and Khalilzadeh, R. (1998). Optimizing of SCP Production from Sugar Beet Stillage using Isolated Yeast. *Journal Chemical & Chemical Engineering*. 17(2). 73 - 80.
- Sood, S., Singhal, R., Bhat, S., and Kumar, A. 2.13 – Inoculum Preparation. *Comprehensive Biotechnology (Second Edition)*. 2. 151 – 164. <https://doi.org/10.1016/B978-0-08-088504-9.00090-8>
- Sorenson, W. G. and Hesseltine, C. W. (1996). Carbon and Nitrogen Utilization by *Rhizopus oligosporus*. *Mycologia*. 58(5). 681-689. <https://doi.org/10.2307/3756843>
- Sparringa, R. A., Kendall, M., Westby, A., and Owens, J. D. (2002). Effects of Temperature, pH, Water Activity and CO₂ Concentration on Growth of

- Rhizopus oligosporus* NRRL 2710. *Journal of Applied Microbiology*. 92. 329-337.
- Speight, J. G. (2018). *Reaction Mechanism in Environmental Engineering: Analysis and Prediction*. Elsevier.
- Sukpanich, S. and Wang, W. (2022). Analysis of the Export Competitiveness of Thai Cassava in the Chinese Market (2010-2020). *Journal of Business and Management*. 10(1). <https://doi.org/10.4236/ojbm.2022.101020>
- Sulistyo, J., Handayani, R., and Soeka, Y. S. (2016). Biosynthesis and Antioxidant Activity of Single Cell Carotenoids Extracted from Microbial Cultures. *Journal of Innovations in Pharmaceuticals and Biological Sciences*. 3(1). 133 - 142.
- Sun, S., Sun, S., Cao, X., Sun, R. (2016). The Role of Pretreatment in Improving the Enzymatic Hydrolysis of Lignocellulosic Materials. *Bioresource Technology*. 199. 49-58. <https://doi.org/10.1016/j.biortech.2015.08.061>
- Souto, L. R. F., Caliari, M., Junior, M. S. S., Fiorda, F. A., and Gracia, M. C. Utilization of Residue from Cassava Starch Processing for Production of Fermentable Sugar by Enzymatic Hydrolysis. *Food Science and Technology*. 37 (1). <https://doi.org/10.1590/1678-457X.0023>
- Swiatek, K., Gaag, S., Klier, A., Kruse, A., Sauer, J., and Steinbach, D. (2020). Acid Hydrolysis of Lignocellulosic Biomass: Sugars and Furfurals Formation. *Catalysts*. 10(4). 437. <https://doi.org/10.3390/catal10040437>
- Tan, Z., Li, X., Yang, C., Liu, H., and Cheng, J. J. (2021). Inhibition and Disinhibition of 5-Hydroxymethylfurfural in Anaerobic Fermentation: A Review. *Chemical Engineering Journal*. 424. 130560. <https://doi.org/10.1016/j.cej.2021.130560>
- The Good Food Institute. (2019). *Plant-based Meat for a Growing World*. Retrieved January 30, 2023 from https://gfi.org/wp-content/uploads/2021/02/GFI-Plant-Based-Meat-Fact-Sheet_Environmental-Comparison.pdf.
- Tisserand, R. and Young R. (2014). 4 - Kinetics and Dosing. *Essential Oil Safety (Second Edition): A Guide for Health Care Professionals*. Churchill Livingstone. 39-67. <https://doi.org/10.1016/B978-0-443-06241-4.00004-7>
- Trakulvichean, S., Chaiprasert, P., Otmakhova, J., and Songkasiri, W. (2017). Comparison of Fermented Animal Feed and Mushroom Growth Media as Two Value-added Options for Waste Cassava Pulp Management. *Waste Management and Research*. <https://doi.org/10.1177/0734242X17730135>
- Tugerman, T., Cohen, A. S., Moshelion, M., Bamnolker, P. T., Skory, C. D., Lichter, A., and Eshel, D. (2016). The Role of Aquaporins in pH-Dependent Germination of *Rhizopus delemar* Spores. *PLoS ONE*. 11(3). <https://doi.org/10.1371/journal.pone.0150543>
- Xu, X. Sharma, P., Shu, S., Lin, T. S., Ciais, P., Tubiello, F. N., Smith, P., Campbell, N., and Jain, A. K. (2021). Global Greenhouse Gas Emissions from Animal-based Foods are Twice those of Plant-based Foods. *Nature Food*. 2(9), 724-732. <https://doi.org/10.1038/s43016-021-00358-x>
- UK Government. (2019). *Guidance Acetic Acid: General Information*. Retrieved April 21, 2023 from <https://www.gov.uk/government/publications/acetic->

acid-properties-uses-and-incident-management/acidic-acid-general-information.

- United Nations. (2022). *World Population Prospects 2022: Summary of the Results*. Retrieved January 30, 2023 from https://www.un.org/development/desa/pd/sites/www.un.org.development.desa.pd/files/wpp2022_summary_of_results.pdf.
- Utama, G. L., Dinika, I., Nurmilah, S., Masruchin, N., Nurhadi, B., Balia, R. L. (2022). Characterization of Antimicrobial Composite Edible Film Formulated from Fermented Cheese Whey and Cassava Peel Starch. *Membranes*. 12. 636. <https://doi.org/10.3390/membranes12060636>
- Varelis, P. (2016). Food Chemistry and Analysis. *Reference Module in Food Science*. <https://doi.org/10.1016/B978-0-08-100596-5.03341-2>
- Vincent, M., Junaidi, F., Bilung, L. M., Suhaili, N., Husaini, A. A. S. A., and Kanakaraju, D. (2020). Simultaneous Reclamation of Sago Starch Processing Effluent and *Rhizopus oligosporus* Cultivation at Different pH Conditions. *Journal of Water and Environment Technology*. 18(4). 254-263. <https://doi.org/10.2965/jwet.19-152>
- Wang, B. T., Hu, S., Yu, X. Y., Jin, L., Zhu, Y. J., Jie, F. J. (2020). Studies of Cellulose and Starch Utilization and the Regulatory Mechanisms of Related Enzymes in Fungi. *Polymers (Basel)*. 12(3). 530. <https://doi.org/10.3390/polym12030530>
- Wang, T. and Lu, X. (2021). Chapter 8 - Overcome Saccharification Barrier: Advances in Hydrolysis Technology. *Advances in 2nd Generation of Bioethanol Production*. 137-159. <https://doi.org/10.1016/B978-0-12-818862-0.00005-4>
- Widiarto, S., Pramono, E., Suharso, Rochliadi, A., and Arcana, I. M. (2019). Cellulose Nanofibers Preparation from Cassava Peel via Mechanical Disruption. *Fibers*. 7(44). <https://doi.org/10.3390/fib7050044>
- Wikandari, R., Tanugraha, D. R., Yastanto, A. J., Manikhanda, Gmoser, R., and Teixeira, J. A. (2023). Development of Meat Substitutes from Filamentous Fungi Cultivated on Residual Water of Tempeh Factories. *Molecules*. 28. 997. <https://doi.org/10.3390/molecules28030997>
- Win, H. E. (2017). *Role of Cassava in Thailand*. Retrieved March 12, 2023 from <https://www.semanticscholar.org/paper/Role-of-Cassava-in-Thailand-Win/1873acf515d4729910884c1a7e0eaf908a4fe45e#citing-papers>
- Yabaya, A. and Ado, S. A. (2008). Mycelial Protein Production by *Aspergillus niger* using banana peels. *African Journals Online*. 3(4). <https://doi.org/10.4314/swj.v3i4.51819>
- Yang, S. T. (2007). Bioprocessing for Value-Added Products from Renewable Resources New Technologies and Applications. *Elsevier Science*. <https://doi.org/10.1016/B978-0-444-52114-9.X5000-2>
- Yoonan, K. and Kongkiattikajorn J. (2004). A Study of Optimal Conditions for Reducing Sugars Production from Cassava Peels by Diluted Acid and Enzymes. *Kasetsart Journal (Natural Science)*. 38(5). 30 - 35.
- Yunus, F. N., Nadeem, M., and Rashid, F. (2015). Single-cell Protein Production Through Microbial Conversion of Lignocellulosic Residue (Wheat Bran) for

- Animal Feed. *Institute of Brewing & Distilling*. 121. 553 - 557.
<https://doi.org/10.1002/jib.251>
- Zhang, K., Agrawal, M., Harper, J., Chen, R., and Koros, W. J. (2011). Removal of the Fermentation Inhibitor, Furfural, Using Activated Carbon in Cellulosic-Ethanol Production. *Industrial and Engineering Chemistry Research*. 50(24). 14055 - 10460. <https://doi.org/10.1021/ie2013983>
- Zhang, Z. Y., Jin, B., Bai, Z. H., and Wang, X. Y. (2006). Production of Fungal Biomass Protein using Microfungi from Winery Wastewater Treatment. *Bioresource Technology*. 99. 3871 - 3876.
<https://doi.org/10.1016/j.biortech.2006.10.047>
- Zheng, Y. X., Wang, Y. L., Pan, J., Zhang, J. R., Dai, Y., Chen, K. Y. (2017). Semi-continuous Production of High-activity Pectinases by Immobilized *Rhizopus oryzae* Using Tobacco Wastewater as Substrate and their Utilization in the Hydrolysis of Pectin Containing Lignocellulosic Biomass at High Solid Content. *Bioresource Technology*. 241. 1138 - 1144.
<https://doi.org/10.1016/j.biortech.2017.06.066>
- Zhou, Y., Han, L. R., He, H. W., Sang, B., Yu, D. L., Feng, J. T., and Zhang, X. (2018). Effects of Agitation, Aeration and Temperature on Production of a Novel Glycoprotein GP-1 by *Streptomyces kanasensis* ZX01 and Scale-Up Based on Volumetric Oxygen Transfer Coefficient. *Molecules*. 23(1). 25.
<https://doi.org/10.3390/molecules23010125>