

Katarzyna Kosiorowska

Lista publikacji

1. Urbanek, A. K., Kosiorowska, K. E., & Mirończuk, A. M. (2021). Current Knowledge on Polyethylene Terephthalate Degradation by Genetically Modified Microorganisms. *Frontiers in Bioengineering and Biotechnology*, 9, 1–15.
2. Kosiorowska, K. E., Połomska, X., Wang, G., Borodina, I., & Mirończuk, A. M. (2021). Efficient biodegradation of aliphatic polyester by genetically engineered strains of the yeast *Yarrowia lipolytica*. *International Biodeterioration and Biodegradation*, 161, 105232.
3. Kosiorowska, K. E., Biniarz, P., Dobrowolski, A., Leluk, K., & Mirończuk, A. M. (2022). Metabolic engineering of *Yarrowia lipolytica* for poly(ethylene terephthalate) degradation. *Science of The Total Environment*, 831, 154841.
4. Kosiorowska, K. E., Moreno, A. D., Iglesias, R., Leluk, K., & Mironczuk, A. M. (2022). Production of Petase by Engineered *Yarrowia Lipolytica* for Efficient Poly(Ethylene Terephthalate) Biodegradation. *Science of the Total Environment*, 846, 157358.
5. Kosiorowska, K. E., Moreno, A. D., Iglesias, R., Biniarz, P., & Mirończuk, A. M. (2024). Streamlining biological recycling of poly(ethylene terephthalate) via pre-treatment methods. *International Biodeterioration and Biodegradation*, 193, 105842.