

# Wiktor Bednarczyk

## Lista Publikacji

1. Bednarczyk, W., Kawałko, J., Rutkowski, B., Wątroba, M., Gao, N., Starink, M. J., ... Langdon, T. G. (2021). Abnormal grain growth in a Zn-0.8Ag alloy after processing by high-pressure torsion. *Acta Materialia*, 207, 116667. <https://doi.org/10.1016/j.actamat.2021.116667>
2. Bednarczyk, W., Kawałko, J., Wątroba, M., & Bała, P. (2018). Achieving room temperature superplasticity in the Zn-0.5Cu alloy processed via equal channel angular pressing. *Materials Science and Engineering: A*, 723(February), 126–133. <https://doi.org/10.1016/j.msea.2018.03.052>
3. Bednarczyk, W., Kawałko, J., Wątroba, M., Gao, N., Starink, M. J., Bała, P., & Langdon, T. G. (2020). Microstructure and mechanical properties of a Zn-0.5Cu alloy processed by high-pressure torsion. *Materials Science and Engineering: A*, 776(January), 139047. <https://doi.org/10.1016/j.msea.2020.139047>
4. Bednarczyk, W., Wątroba, M., Kawałko, J., & Bała, P. (2019a). Can zinc alloys be strengthened by grain refinement? A critical evaluation of the processing of low-alloyed binary zinc alloys using ECAP. *Materials Science and Engineering A*, 748(December 2018), 357–366. <https://doi.org/10.1016/j.msea.2019.01.117>
5. Bednarczyk, W., Wątroba, M., Kawałko, J., & Bała, P. (2019b). Determination of room-temperature superplastic asymmetry and anisotropy of Zn-0.8Ag alloy processed by ECAP. *Materials Science and Engineering: A*, 759, 55–58. <https://doi.org/10.1016/j.msea.2019.05.029>