**Publikációk, Szakács György (=Scientific papers, George Szakacs)**

**h-index, Google Scholar: 51 (July, 2022)**

**h-index, Publons: 43 (July, 2022)**

**1. Reshmy R, Eapen Philip, Ranjna Sirohi, Ayon Tarafdar, Arun K.B., Aravind Madhavan, Parameswaran Binod, Mukesh Kumar Awasthi, Sunita Varjani, George Szakacs, Raveendran Sindhu: Nanobiocatalyststs: Advancements and applications in enzyme technology. Bioresource Technology 337: 125491 (2021)**

**2. Aravind Madhavan, Arun K.B., Raveendran Sindhu, Jayaram Krishnamoorthy, Reshmy R., Ranja Sirohi, Arivalagan Pugazhendi, Mukesh Kumar Awasthi, George Szakacs, Parameswaran Binod: Customized yeast cell factories for biopharmaceuticals: from cell engineering to process scale up. Microbial Cell Factories 20: 124 (2021)**

**3. Swilaiman, S.S.,O'Gorman, C.M , Du, W., Sugui, J.A., Del Buono, J., Brock, M., Kwon-Chung, K.J., Szakacs G., Dyer, P.S.: Global sexual fertility in the opportunistic pathogen Aspergillus fumigatus and identification of new supermater strains. Journal of Fungi 2020, 6, 258; doi: 10.3390/jof6040258**

**4. Molnár, Z., Bódai, V., Szakacs, G., Erdélyi, B., Fogarassy, Z., Sáfrán, G., Varga, T., Kónya, Z., Tóth-Szeles, E., Szűcs, R., Lagzi, I. Green synthesis of gold nanoparticles by thermophilic filamentous fungi. Scientific Reports 8: 3943, doi: 10.1038/s41598-018-22112-3 (2018)**

**5. Nagy, Á.G., Adányi, N., Szendrő, I., Szakacs, G., Bódai, V., Lagzi, I., Tóth-Szeles, E. Development of a quartz crystal microbalance with impedance measurement with bio-gold nanoparticles for enhanced sensitivity. International Journal of Food Engineering 4(2): 122-126 (2018)**

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**7. Weinberg, Z.G., Szakacs, G. Extraction of bioactive plant materials by simultaneous enzyme treatment and lactic acid fermentation – a mini-review. Israel Journal of Plant Sciences  65: 31-37  (2018)**

**8. Vágó, A., Szakacs, G., Sáfrán, G., Horvath, N., Pécz, B., Lagzi, I. (2016) One-step green synthesis of gold nanoparticles by mesophilic filamentous fungi. ChemPhysLett 645: 1-4**

**9. Gopalan, N., Nampoothiri, K.M., Szakacs, G., Binod, P., Pandey, A. (2016) Solid-state fermentation for the production of biomass valorizing feruloyl esterase . Biocatalysis and Agricultural Biotechnology 7: 7-13**

**10. Szabo, O.E., Csiszar, E., Toth, K., Szakacs, G., Koczka, B. (2015) Ultrasound-assisted**

**extraction and characterization of hydrolytic and oxidative enzymes produced by solid-state fermentation. Ultrasonics Sonochemistry 22: 249-256**

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