2024

1. Kowalik-Klimczak A., Łożyńska M., Życki M., Woźniak B., The effect of the pyrolysis temperature of a leather-textile mixture from post-consumer footwear on the composition and structure of carbonised materials. Materials 17 (2024) 5649. **https://doi.org/10.3390/ma17225649**

2. Makowska M., Dziosa K., Influence of different pyrolysis temperatures on chemical composition and graphite-like structure of biochar produced from biomass of green microalgae *Chlorella sp.* Environmental Technology & Innovation 25 (2024) 103667. **https://doi.org/10.1016/j.eti.2024.103667**

3. Barszcz W., Łożyńska M., Molenda J., Impact of pyrolysis process conditions on the structure of biochar obtained from apple waste. Scientific Reports 14 (2024) 10501. **https://doi.org/10.1038/s41598-024-61394-8**

4. Dziosa K., Makowska M., Algal biochar in dairy wastewater treatment. Chemical and Process Engineering: New Frontiers 44/2 (2024) e58. **DOI: 10.24425/cpe.2024.148552**

5. Kowalik-Klimczak A., Łożyńska M., Życki M., Schadewell C., Fiehn T., Woźniak B., Flisek M., Valorisation of tannery waste to recover chromium with a view to reusing it in industrial practice. Membranes 14 (2024) 136. **https://doi.org/10.3390/membranes14060136**

6. Dziosa K., Research system for modeling biotechnological methods for removing biogenic components from industrial post-use liquids. Przemysł Chemiczny 103/4 (2024) 519-524. **DOI: 10.15199/62.2024.4.6**

7. Drabik J., Kozdrach R., Osuch-Słomka E., Effect of the bio-lubricant on the lubricating properties and surface of the friction zone. Tribologia 306/4 (2024) 7-13. **DOI:10.5604/01.3001.0054.3931**

8. Molenda J., Drabik J., Badanie właściwości energetycznych biowęgli z odpadowej biomasy roślinnej za pomocą różnicowej kalorymetrii skaningowej. Przemysł Chemiczny 103/4 (2024) 695-698 **DOI: 10.15199/62.2024.4.7**

9. Drabik J., Korasiak K., Chrobak J., Woch J., Brzeźniak N., Barszcz W., Kozdrach R., Iłowska J., Amide/amino-based functional additives for lubricants: structure, antimicrobial activity and wear resistance. Molecules 29 (2024) 122. **https://doi.org/10.3390/molecules29010122**

10. Dziosa K., Ciechańska K., Kutyna-Bakalarska M., Microalgae-based green production in the circular economy. Renew. Sust. Energy 2/2 (2024) 1-20. **https://doi.org/10.55092/rse20240003**