

## Books and Book chapters

- B. Nasser, M. Tawalbeh, A. Al-Othman, and M. Yusuf, "Contributions of green energy materials to sustainable development goals," *Renewable and Sustainable Energy Technology*, vol. 1, no. 1, art. no. 4, 2025. <https://doi.org/10.53941/rset.2025.100004>
- H. A. Almaazmi, M. Tawalbeh, A. Al-Othman, and S. M. Asaad, "Different routes for biofuels from wastewater," in *Comprehensive Green Materials*, vol. 2, pp. 483–498, 2025. <https://doi.org/10.1016/B978-0-443-15738-7.00071-4>
- A. A. Ali, M. Tawalbeh, and A. Al-Othman, "Water treatment applications of green polymers," in *Comprehensive Green Materials*, vol. 3, pp. 453–469, 2025. <https://doi.org/10.1016/B978-0-443-15738-7.00082-9>
- M. Tawalbeh, A. A. Ali, M. Sabri, M. Bin Hammad, B. A. Albiss, and A. Al-Othman, "An overview of bionanocomposite materials and their characterization techniques," in *Comprehensive Green Materials*, vol. 3, pp. 330–342, 2025. <https://doi.org/10.1016/B978-0-443-15738-7.00092-1>
- B. Aljawrneh, B. A. Albiss, Y. S. Ocak, M. Tawalbeh, and A. Al-Othman, "Green materials in supercapacitors," in *Comprehensive Green Materials*, vol. 2, pp. 374–383, 2025. <https://doi.org/10.1016/B978-0-443-15738-7.00065-9>
- Ali, M. Tawalbeh, A. Al-Othman, and N. Halalsheh, "Green materials for water treatment and remediation," in *Comprehensive Green Materials*, vol. 2, pp. 128–138, 2025. <https://doi.org/10.1016/B978-0-443-15738-7.00042-8>
- Abraham, T. Aldhanhani, W. Hamidouche, and M. Shaaban, "Harnessing the power of large language models for sustainable and intelligent transportation systems in the electric vehicle era," in *Internet of Vehicles and Computer Vision Solutions for Smart City Transformations*, A. Abraham, S. Prasad, A. Alhammadi, T. Lestable, and F. Chaabane, Eds. Cham, Switzerland: Springer, 2025, Lecture Notes in Intelligent Transportation and Infrastructure. [https://doi.org/10.1007/978-3-031-72959-1\\_5](https://doi.org/10.1007/978-3-031-72959-1_5)