

Waste Disposal & Sustainable Energy

Topic: Thermal conversion residue treatment

Wang, H., Xu, W., Sharif, M. *et al.* **Resource utilization of solid waste carbide slag**: a brief review of application technologies in various scenes. *Waste Dispos. Sustain. Energy* 4, 1–16 (2022). <https://doi.org/10.1007/s42768-021-00090-z>

Full free-text: <https://rdcu.be/dwXxk>

Fang, L., Li, L., Wang, Q. *et al.* Agronomic effectiveness of **recovered** phosphate fertilizer produced from **incinerated sewage sludge ash**. *Waste Dispos. Sustain. Energy* 4, 157–167 (2022). <https://doi.org/10.1007/s42768-022-00097-0>

Full free-text: <https://rdcu.be/dwXxo>

Tian, Y., Dai, S. & Wang, J. Environmental standards and beneficial uses of **waste-to-energy (WTE) residues** in civil engineering applications. *Waste Dispos. Sustain. Energy* 5, 323–350 (2023). <https://doi.org/10.1007/s42768-023-00140-8>

Full free-text: <https://rdcu.be/dwXxs>

Hu, Y., Zhao, L., Guo, Q. *et al.* Quantification and distribution of **extractable metals of MSWI bottom ash** in view of its valorization in China. *Waste Dispos. Sustain. Energy* 4, 169–178 (2022). <https://doi.org/10.1007/s42768-022-00111-5>

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Yan, M., Yang, Y., Jiang, J. *et al.* **Utilization of molten chloride salt derived from MSWI fly ash** washing as energy storage material: thermophysical properties and corrosion behavior. *Waste Dispos. Sustain. Energy* 4, 193–203 (2022). <https://doi.org/10.1007/s42768-022-00110-6>

Full free-text: <https://rdcu.be/dwXye>

* Zhang, L., Zhang, W., Li, M. *et al.* **Coal fly ash reinforcement** for the property enhancement of crude glycerol-based polyurethane foam composites. *Waste Dispos. Sustain. Energy* 4, 271–282 (2022). <https://doi.org/10.1007/s42768-022-00112-4>

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Zhang, M., Wangjin, Y., Zhou, H. *et al.* **Fly ash and zero-valent iron-based** in situ advanced anaerobic digestion with emphasis on the removal of antibiotics and antibiotic resistance genes from sewage sludge. *Waste Dispos. Sustain. Energy* 4, 17–28 (2022). <https://doi.org/10.1007/s42768-021-00089-6>

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Zhang, L., Zhang, W., Li, M. *et al.* **Coal fly ash reinforcement** for the property enhancement of crude glycerol-based polyurethane foam composites. *Waste Dispos. Sustain. Energy* 4, 271–282 (2022). <https://doi.org/10.1007/s42768-022-00112-4>

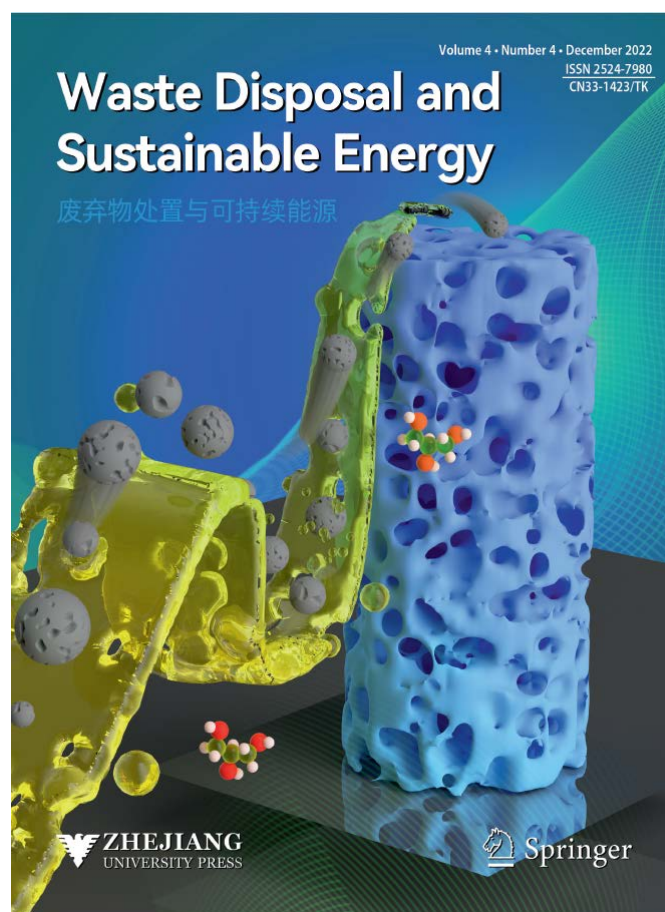
Full free-text: <https://rdcu.be/dwXyh>

bin Abu Bakar, W., Yek, P.N.Y., Cheong, K.Y. *et al.* **Utilization of microwave steam pyrolysis to produce biochar** for thermal energy storage. *Waste Dispos. Sustain. Energy* 4, 335–341 (2022). <https://doi.org/10.1007/s42768-022-00116-0>
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Huang, Q., Chen, S., Lin, J. *et al.* Stability of potentially toxic elements in **municipal sludge biochars** modified by MgCl₂ and phosphate. *Waste Dispos. Sustain. Energy* 5, 13–23 (2023). <https://doi.org/10.1007/s42768-022-00128-w>
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Pinto, B.C., Alves, A.B., Ferreira, O.E. *et al.* **Biochar** influences the cane fields' microbiota and the development of pre-sprouted sugarcane seedlings. *Waste Dispos. Sustain. Energy* 5, 75–88 (2023). <https://doi.org/10.1007/s42768-022-00129-9>
Full free-text: <https://rdcu.be/dwXyx>

*: Selected as issue cover paper (free of charge) as follows.



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