

Publications S. Keerthanan

- **Keerthanan, S.**, Bhattacharya, P. and Vithanage, M. (2023). Geochemical Provenance of Metalloids and Their Release. In *Medical Geology* (eds M.N.V. Prasad and M. Vithanage). <https://doi.org/10.1002/9781119867371.ch14>
- **Keerthanan, S.**, Rajapaksha, A.U., Mašek, O. and Vithanage, M. (2022) Plant uptake of personal care products and biochar-assisted immobilization in soil: an appraisal. *J Soils Sediments*. <https://link.springer.com/article/10.1007/s11368-022-03400-y#citeas>
- **Keerthanan, S.**, Jayasinghe, C., Bolan, N., Rinklebe, J. and Vithanage, M. (2022) Retention of sulfamethoxazole by cinnamon wood biochar and its efficacy of reducing bioavailability and plant uptake in soil. *Chemosphere*, 297, 134073. <https://www.sciencedirect.com/science/article/pii/S0045653522005665>
- **Keerthanan, S.**, Vithanage, M., (2022). Chapter 13 - Potential of zeolite as an adsorbent for the removal of trace metal(loids) in wastewater, in: Giannakoudakis, D., Meili, L., Anastopoulos, I.B.T.-A.M. for S.E.R. (Eds.), . Elsevier, pp. 339–359. <https://www.sciencedirect.com/science/article/pii/B9780323904858000229?via%3Dihub>
- Hettithanthri, O., Rajapaksha, A.U., **Keerthanan, S.**, Ramanayaka, S. and Vithanage, M. (2022) Colloidal biochar for enhanced adsorption of antibiotic ciprofloxacin in aqueous and synthetic hydrolyzed human urine matrices. *Chemosphere* 297, 133984. <https://www.sciencedirect.com/science/article/pii/S0045653522004775>
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- Kumar, M., Bolan, N.S., Hoang, S.A., Sawarkar, A.D., Jasemizad, T., Gao, B., **Keerthanan, S.**, Padhye, L.P., Singh, L., Kumar, S., Vithanage, M., Li, Y., Zhang, M., Kirkham, M.B., Vinu, A. and Rinklebe, J. (2021) Remediation of soils and sediments polluted with polycyclic aromatic hydrocarbons: To immobilize, mobilize, or degrade? *Journal of hazardous materials* 420, 126534. <https://www.sciencedirect.com/science/article/pii/S0304389421014990?via%3Dihub>
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- **Keerthanan, S.**, Gunawardane, C., Somasundaram, T., Jayampathi, T., Jayasinghe, C. and Vithanage, M. (2021) Immobilization and retention of caffeine in soil amended with

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