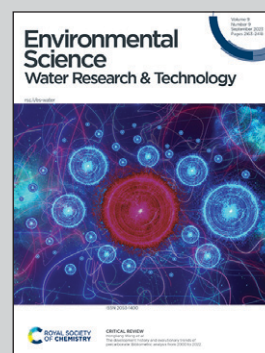


Featuring work from Arjun Research Lab, which focuses on the occurrence, fate and treatment of emerging contaminants. Dr. Venkatesan is currently an Associate Professor of Civil & Environmental Engineering at New Jersey Institute of Technology.

Emerging investigator series: low doses of electron beam irradiation effectively degrade 1,4-dioxane in water within a few seconds

Electron beam water radiolysis is highly effective in the treatment of 1,4-dioxane. Complete destruction is achieved within a few seconds without the addition of chemicals, making it a promising alternative to conventional processes for the treatment of 1,4-dioxane-containing wastes.

As featured in:



See Arjun K. Venkatesan *et al.*,
Environ. Sci.: Water Res. Technol.,
2023, 9, 2226.