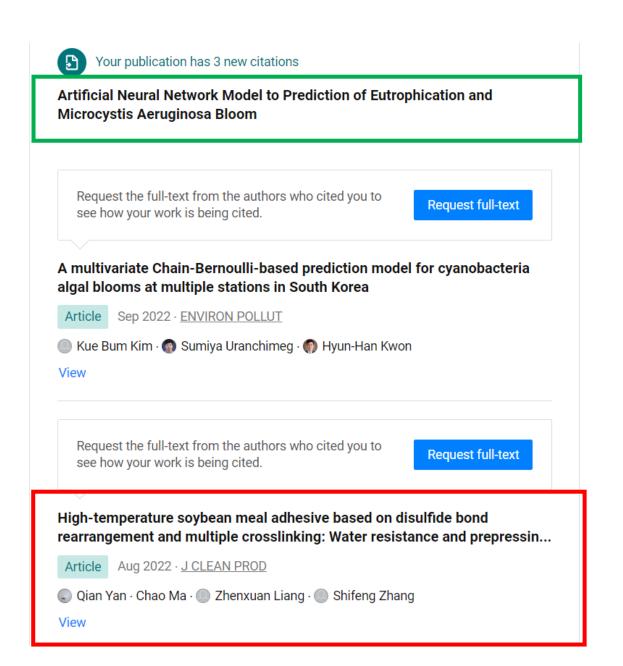


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Artificial Neural Network Model to Prediction of Eutrophication and Microcystis Aeruginosa Bloom

... Excessive reproduction of cyanobacteria is the main reason for algal blooms (Plaas & Paerl 2020;Papadimitriou et al. 2022). M. aeruginosa is one of the most common dominant algae species in cyanobacteria (Srisuksomwong & Pekkoh 2020; Xie et al. 2021), and its special cell structure, such as pseudo-empty cells and glial sheath, enables the cyanobacteria to move freely in the vertical direction, grow fast and release algal toxins, which ensure the dominant position of M. aeruginosa in many aquatic microorganisms (Dyer & Needoba 2020; Yan et al. 2020). Therefore, M. aeruginosa is selected as the target algae species to explore a way of bloom control. ...

Ecotoxicological effects of total flavonoids in Cirsium japonicum DC on Microcystis aeruginosa

Article

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