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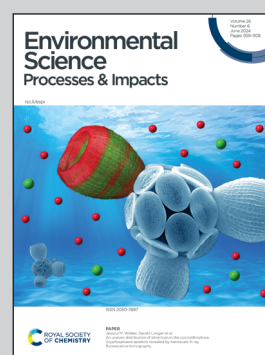
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ARKA

Featuring cheminformatics modelling work of Prof. Kunal Roy from the DTC Laboratory of the Department of Pharmaceutical Technology at the Jadavpur University, India.

ARKA: a framework of dimensionality reduction for machine-learning classification modeling, risk assessment, and data gap-filling of sparse environmental toxicity data

The ARKA framework, a supervised dimensionality reduction technique conceptualized and developed by the DTC Laboratory, can potentially identify activity cliffs, less confident and less modelable data points and should be useful for the classification modeling of small data sets.

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