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On the Prediction of Critical Micelle Concentration for Sugar-Based Non-Ionic Surfactants

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Research Highlights

- LSSVM based quantitative structure property relationship (QSPR) model is developed to predict critical micelle concentration (CMC) for sugar-based surfactants
- A PSO algorithm was utilized to train the LSSVM model.
- Results indicate satisfactory predictions of suggested model than other previously developed models
- An outlier analysis was utilized to detect suspected data points.

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