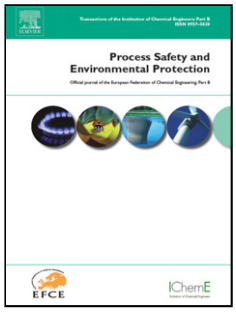

Title: QSPR Estimation of the Auto-Ignition Temperature for Pure Hydrocarbons

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Highlights

- Auto ignition temperature of 813 DIPPR hydrocarbons modeled in this study
- GA-MLR and FFNN were utilized to develop the models
- Various internal and external validation techniques used to validate the models
- The proposed models were compared to those reported earlier