

Accepted Manuscript

Title: Estimating of Hydrogen Sulfide Solubility in Ionic Liquids Using a Machine Learning Approach

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PII: S0896-8446(14)00244-7
DOI: <http://dx.doi.org/doi:10.1016/j.supflu.2014.08.011>
Reference: SUPFLU 3056

To appear in: *J. of Supercritical Fluids*

Received date: 13-6-2014
Revised date: 31-7-2014
Accepted date: 1-8-2014

Please cite this article as: M.A. Ahmadi, S.H. Zaheri, A. Baghban, A. Amirfakhrian, R. Soleimani, Estimating of Hydrogen Sulfide Solubility in Ionic Liquids Using a Machine Learning Approach, *The Journal of Supercritical Fluids* (2014), <http://dx.doi.org/10.1016/j.supflu.2014.08.011>

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- Highlights
- An intelligent and simple-to-use approach for prediction H₂S solubility in various ionic liquids has been developed.
- Accurate, precise and extensive H₂S solubility in various ionic liquids data banks have been utilized.
- Statistical analysis was implemented to the outputs generated by PSO-ANN model.

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