



100th Anniversary

100 Most-Cited Articles

1. [A New Two-Constant Equation of State](#)
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2. [A Generalized Method for Predicting Second Virial Coefficients](#)
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3. [A modified UNIFAC model. 2. Present parameter matrix and results for different thermodynamic properties](#)
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4. [Equation of state for small, large, polydisperse, and associating molecules](#)
Stanley H. Huang, Maciej Radosz
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5. [A modified UNIFAC group-contribution model for prediction of phase equilibria and heats of mixing](#)
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6. [New reference equation of state for associating liquids](#)
Walter G. Chapman, Keith E. Gubbins, George Jackson, Maciej Radosz
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7. [Internal model control. A unifying review and some new results](#)
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8. [Vapor-liquid equilibria by UNIFAC group contribution. Revision and extension. 2](#)
Juergen Gmehling, Peter Rasmussen, Aage Fredenslund
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9. [Reactivities, reaction networks, and kinetics in high-pressure catalytic hydroprocessing](#)
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10. [Vapor-liquid equilibria by UNIFAC group contribution. 5. Revision and extension](#)
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12. [Equation of state for small, large, polydisperse, and associating molecules: extension to fluid mixtures](#)
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13. [Complete catalytic oxidation of volatile organics](#)
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14. [Wet Air Oxidation](#)
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15. [Estimation of Solvent Activities in Polymer Solutions Using a Group-Contribution Method](#)
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17. [Molecular interactions in dilute supercritical fluid solutions](#)
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