Thermophysical Properties Lab. at NTUST

Ming-Jer Lee (Professor)  

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Group Members:
PhD Student: 1

SCI Papers in Recent Years:

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Papers Published in SCI Journals:
255 (1983-date)
Development of Green Process Technology
High Efficiency; Low Pollution; Low Energy Consumption

- Supercritical Fluid Technology
  - Supercritical Extraction
  - CO₂ Capture/Gas Hydrates
  - Supercritical Micronization: Ultra-Fine Particle Preparation

- Separation Technology
  - Reactive Distillation
  - Separation with Biological Buffers/New Ionic Liquids
  - Separation of Natural Products

- VLE
- LLE
- VLLE
- SVE
- SLE
- PVT
- Viscosity
- EOS
- Kinetics
Publication list (2015-date)  李明哲 M. J. Lee


(33) Sekhar, G. C. and M. J. Lee, 2019, “Phase Equilibria for Binary Mixtures of Hexane with Orthoxylene, Metaxylene, and Nonane with Hexane at 101.3 kPa,” Results in Chemistry, 1, 100005


(36) Zaki, A. H. and M. J. Lee, 2019, “Effects of K⁺, Mg²⁺, Ca²⁺, Zn²⁺, La³⁺, Cr³⁺, Ce³⁺, Ce⁴⁺, and Mo⁵⁺ Doping on the Adsorption Performance and Optical Properties of Sodium Titanate Nanotubes”, ACS Omega, 4, 19623-19634.


