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Thermodynamics, Solubility, Phase Equilibria

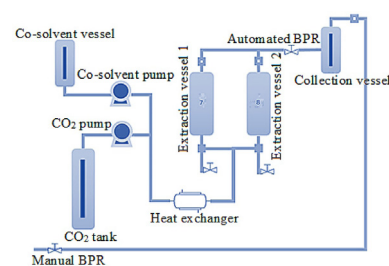
Thermodynamics and statistical correlation between supercritical-CO₂ fluid extraction and bioactivity profile of locally available Mexican plants extracts

J. Saúl García-Pérez^a, Felipe Robledo-Padilla^a, Sara Paulina Cuellar-Bermudez^b, Alejandra Arévalo-Gallegos^a, Roberto Parra-Saldivar^a, Ricardo Zavala-Yoe^a, Ricardo A. Ramirez-Mendoza^a, Hafiz M.N. Iqbal^a

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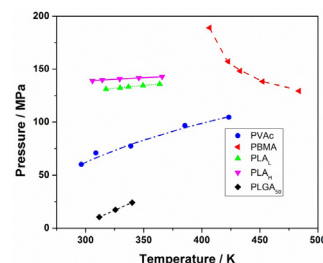


Correlation/prediction of sorption, swelling, and cloud points in CO₂ + polymer systems

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Supercritical fluid extraction of *Rumex Acetosa* L. roots: Yield, composition, kinetics, bioactive evaluation and comparison with conventional techniques

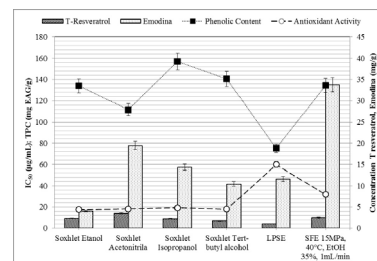
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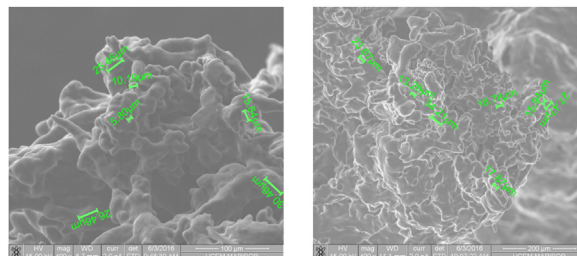


Effect of addition of supercritical CO₂ on transfer and thermodynamic properties of biodegradable polymers PEG 600 and Brij52

Tina Kegl, Gregor Kravanja, Željko Knez, Maša Knez Hrnčič

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Supercritical CO₂ of LDPE films with terpene ketones as biopesticides against corn weevil (*Sitophilus zeamais*)

María L. Goñi^{a,b}, Nicolás A. Gañán^{a,b}, Jimena M. Herrera^c, Miriam C. Strumia^c, Alfonsina E. Andreatta^{a,d}, Raquel E. Martini^{a,b}

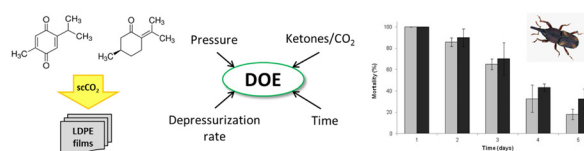
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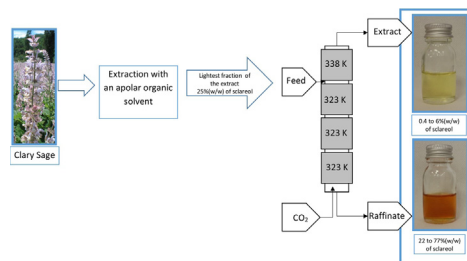
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C. Dufour^{a,b}, C. Crampon^a, C. Delbecque^b, P-P. Garry^b, E. Badens^a

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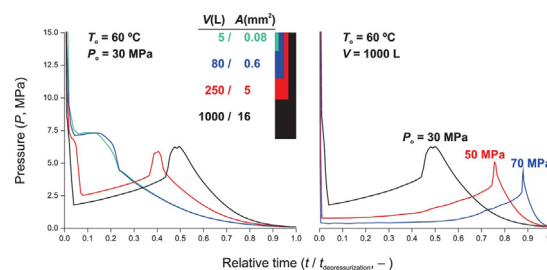
Mathematical simulation of heat and mass transfer during controlled depressurization of supercritical CO₂ in extraction vessels

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