

CATINCA SECUIANU

University POLITEHNICA of Bucharest
Faculty of Applied Chemistry & Materials Science
Department of Inorganic Chemistry, Physical Chemistry
& Electrochemistry
1-7 Gh. Polizu Street, S1, 011061 Bucharest, Romania
Building E, 3rd Floor, Rooms 305-306
Email: catinca.secuianu@upb.ro

Imperial College London
Faculty of Engineering
Department of Chemical Engineering
South Kensington Campus
SW7 2AZ London, United Kingdom
c.secuianu@imperial.ac.uk

REFEREED JOURNAL PUBLICATIONS

LEGEND:

- **ISI WEB OF SCIENCE (Clarivate Analytics) Articles (IS):** **IS** – Q1 (0-25%); **IS** – Q2 (25-50%); **IS** – Q3 (50-75%); **IS** – Q4 (75-100%) of publication year (impact factor). Corresponding author is shown by a star *;
- **ARTICLES INDEXED IN INTERNATIONAL DATABASE (BDI)**

2003

IS1. **Secuianu, C.**, Feroiu, V., Geană, D.*, “High-Pressure Vapor-Liquid Equilibria in the System Carbon Dioxide and 2-Propanol at Temperatures from 293.25 K to 323.15 K”, *J. Chem. Eng. Data* **48** (6), 1384 – 1386, **2003**.

IS2. **Secuianu, C.**, Feroiu, V., Geană, D.*, “High-Pressure Phase Equilibria for the Carbon Dioxide + Methanol and Carbon Dioxide + Isopropanol Systems”, *Rev. Chim. (Bucuresti)*, **54** (11), 874 – 879, **2003**.

BDI3. **Secuianu, C.**, Feroiu, V., Geană, D.*, “High-Pressure Vapor-Liquid Equilibria in the System Carbon Dioxide and Methanol at Temperatures from 298.15 K to 323.15 K”, *Ann. W.U.T-Ser. Chem.* **12** (3), 393 – 400, **2003**.

BDI4. **Secuianu, C.***, Feroiu, V., Geană, D., “High-Pressure Phase Equilibrium in Binary Mixtures of Carbon Dioxide + 1-Butanol”, *Sci. Technol. Environ. Prot.* **10** (1), 62 – 70, **2003**

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BDI7. **Secuianu, C.***, Feroiu, V., Geană, D., “High-Pressure Vapor-Liquid Equilibria in the System Carbon Dioxide + Ethanol. Experimental Data and Calculations with an Equation of State”, *U.P.B. Sci. Bull., Series B*, **66** (1), 9 – 18, **2004**.

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IS9 Secuianu, C.*, Feroiu, V., Geană, D., “High-Pressure Vapor-Liquid Equilibria of Carbon Dioxide + 1-Pentanol System: Experimental Measurements and Modeling”, *Rev. Chim. (Bucharest)* **58 (12)**, 1176 – 1181, **2007**.

IS10. Secuianu, C.*, Feroiu, V., Geană, D., “Investigation of phase equilibria in the ternary system carbon dioxide + 1-heptanol + pentadecane”, *Fluid Phase Equilib.* **261 (1-2)**, 337 – 342, **2007**.

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IS11. Feroiu, V., Geană, D., Secuianu, C.*, “Properties of refrigerants from cubic equations of state”, *Rev. Chim. (Bucharest)* **59 (5)**, 554 – 557, **2008**.

IS12. Secuianu, C., Feroiu, V., Geană, D.*, “High-Pressure Vapor-Liquid and Vapor-Liquid-Liquid Equilibria in the Carbon Dioxide + 1-Heptanol System”, *Fluid Phase Equilib.* **270 (1-2)**, 109 – 115, **2008**.

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IS24. **Secuianu, C.***, Maitland, G. C., Trusler, J. P. M., Wakeham, W. A., “Diffusion coefficients of aqueous KCl at high pressures measured by the Taylor dispersion method”, *J. Chem. Eng. Data* **56 (12)**, 4840 – 4848, Festschrift K. Marsh, **2011**.

IS25. **Secuianu, C.***, Feroiu, V., Geană, D., “Measurements and Modeling of High-Pressure Phase Behavior of the Carbon Dioxide + Pentan-1-ol Binary System”, *J. Chem. Eng. Data* **56 (12)**, 5000 – 5007, **2011**.

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IS26. **Secuianu, C.**, Qian, J., Privat, R., Jaubert, J.-N.*, “Fluid Phase Equilibria Correlations for Carbon Dioxide + 1-Heptanol System with Cubic Equations of State”, *Ind. Eng. Chem. Res.* **51 (34)**, 11284 – 11293, **2012**.

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IS27. Teodorescu, M.*, **Secuianu, C.**, “Refractive Indices Measurement and Correlation for Selected Binary Systems of Various Polarities at 25°C”, *J. Solution Chem.* **42 (10)**, 1912 – 1934, **2013**.

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IS41. Sima, S., Racoviță, R.C., Dincă, C., Feroiu, V., **Secuianu, C.***, Phase equilibria calculations for carbon dioxide + 2-propanol system”, *University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science* **79 (4)**, 11 – 24, **2017**.

BDI42. Racoviță, R.C., Sima, S., **Secuianu, C.***, Feroiu, V., “Phase behavior predictions for carbon dioxide + isopropanol binary system with a cubic equation of state”, *Bull. Rom. Chem. Eng. Soc.* **4 (2)**, 2 – 13, **2017**.

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