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## Research output

**Phase equilibria of waxy live oil systems containing CO<sub>2</sub>: Experimental measurements and thermodynamic modeling**  
Eniolorunda, O. V., Chapoy, A. & Burgass, R., 4 Mar 2021, In: Energy and Fuels. 35, 5, p. 3731–3741 11 p.

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**On the water content in CO<sub>2</sub> + CH<sub>4</sub> and CO<sub>2</sub>-rich mixtures: experimental and modelling evaluation at temperatures from 233.15 to 288.15 K and pressures up to 15 MPa**  
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**Measurements and modeling of high-pressure O<sub>2</sub> and CO<sub>2</sub> solubility in brine (H<sub>2</sub>O + NaCl) between 303 and 373 K and pressures up to 36 MPa**  
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### **Determination of distribution factors for heavy n-alkanes (nC<sub>12</sub>-nC<sub>98</sub>) in High Temperature Gas Chromatography**

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### **Establishing the Maximum Carbon Number for Reliable Quantitative Gas Chromatographic Analysis of Heavy Ends Hydrocarbons. Part 3. Coupled Pyrolysis-GC Modeling**

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### **CO<sub>2</sub> solubility in formation water under sequestration conditions**

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### **Speed of sound measurements for a CO<sub>2</sub> rich mixture**

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**New experimental density data and derived thermophysical properties of carbon dioxide – Sulphur dioxide binary mixture (CO<sub>2</sub> - SO<sub>2</sub>) in gas, liquid and supercritical phases from 273 K to 353 K and at pressures up to 42 MPa**

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