

Publications intéressantes

Dans Journal of Chemical Education

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- [Creating and Experimenting with a Low-Cost, Rugged System to Visually Demonstrate the Vapor Pressure of Liquids as a Function of Temperature](#) Rodrigo Papai, Mayara Araujo Romano, Aline Rodrigues Arroyo, Bárbara Rodrigues da Silva, Bruno Tresoldi, Gabriela Cabo Winter, Julia Messias Costa, Maria Aparecida Freitas Santos, Matheus Damasceno Prata, and Ivanise Gaubeur, J. Chem. Educ., 2019, 96 (2), pp 335–341 DOI: 10.1021/acs.jchemed.8b00381
- [Teaching Boyle's Law and Charles' Law through Experiments that Use Novel, Inexpensive Equipment Yielding Accurate Results](#) Taweetham Limpanuparb, Siradanai Kanithasevi, Maytouch Lojanarungsiri, and Puh Pakwilaikiat, J. Chem. Educ., 2019, 96 (1), pp 169–174 DOI: 10.1021/acs.jchemed.8b00460
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- [Reduction of Water Waste in an Organic Chemistry Laboratory Using a Low-Cost Recirculation System for Condenser Apparatus](#) Alex Schoeddert, Keshwaree Babooram, and Sarah Pelletier J. Chem. Educ., 2019, 96 (1), pp 180–182 DOI: 10.1021/acs.jchemed.8b00400
- [Graphical Representation of Hydrogenic Orbitals: Incorporating Both Radial and Angular Parts of the Wave Function](#) Meghna A. Manae and Anirban Hazra, J. Chem. Educ., 2019, 96 (1), pp 187–190 DOI: 10.1021/acs.jchemed.8b00372

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- [Using the Principles of Classical and Statistical Thermodynamics To Calculate the Melting and Boiling Points, Enthalpies and Entropies of Fusion and Vaporization of Water, and the Freezing Point Depression and Boiling Point Elevation of Ideal and Nonideal Aqueous Solutions](#) Arthur M. Halpern and Charles J. Marzzacco, J. Chem. Educ., 2018, 95 (12), pp 2205–2211 DOI: 10.1021/acs.jchemed.8b00561
- [The Gibbs Phase Rule: What Happens When Some Phases Lack Some Components?](#) Deepika Janakiraman, J. Chem. Educ., 2018, 95 (11), pp 2086–2088 DOI: 10.1021/acs.jchemed.8b00377
- [Liquid Crystal Demonstration of Binary Phase Behavior for the Classroom](#) Marissa E. Tousley, J. Chem. Educ., 2018, 95 (11), pp 2000–2005 DOI: 10.1021/acs.jchemed.8b00081
- [Approximate Equation To Calculate Partial Pressures in a Mixture of Real Gases](#) Bernard Hayez, J. Chem. Educ., 2018, 95 (11), pp 1982–1988 DOI: 10.1021/acs.jchemed.8b00185
- [Investigation of the Ternary Phase Diagram of Water-Propan-2-ol-Sodium Chloride: A Laboratory Experiment](#) Cory C. Pye, M. Angelique Imperial, Coltin Elson, Megan L. Himmelman,

Jacquelyn A. White, and Fuhao Lin, J. Chem. Educ., 2018, 95 (8), pp 1398–1401 DOI: 10.1021/acs.jchemed.8b00242

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- [Facilitating Students' Interaction with Real Gas Properties Using a Discovery-Based Approach and Molecular Dynamics Simulations](#) Chelsea Sweet, Oyewumi Akinfenwa, and Jonathan J. Foley, IV J. Chem. Educ., 2018, 95 (3), pp 384–392 DOI: 10.1021/acs.jchemed.7b00747

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- [Radius Ratio Rule Rescue](#) Anna Michmerhuizen, Karine Rose, Wentiirim Annankra, and Douglas A. Vander Griend, J. Chem. Educ., 2017, 94 (10), pp 1480–1485 DOI: 10.1021/acs.jchemed.6b00970
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- [Cost Effective Paper-Based Colorimetric Microfluidic Devices and Mobile Phone Camera Readers for the Classroom](#) Myra T. Koesdjojo, Sumate Pengpumkiat, Yuanyuan Wu, Anukul Boonloed, Daniel Huynh, Thomas P. Remcho, and Vincent T. Remcho, J. Chem. Educ., 2015, 92 (4), pp 737–741 DOI: 10.1021/ed500401d
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