

Publications intéressantes

Dans Journal of Chemical Education

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- [An Alternative Presentation of the Second Law of Thermodynamics](#) Sangyoub Lee, Kyusup Lee, and Jiyon Lee, J. Chem. Educ., 2015, 92 (4), pp 771–773 DOI: 10.1021/ed5007822
- [Measuring the Speed of Sound through Gases Using Nitrocellulose](#) Karen Sinclair Molek, Karl A. Reyes, Brandon A. Burnette, and Jacob R. Stepherson, J. Chem. Educ., 2015, 92 (4), pp 762–766 DOI: 10.1021/ed400653t
- [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
- [Fabrication of a Paper-Based Microfluidic Device To Readily Determine Nitrite Ion Concentration by Simple Colorimetric Assay](#) Bo Wang, Zhiqiang Lin, and Min Wang, J. Chem. Educ., 2015, 92 (4), pp 733–736 DOI: 10.1021/ed500644m
- [Hydrogen Storage Experiments for an Undergraduate Laboratory Course—Clean Energy: Hydrogen/Fuel Cells](#) Alla Bailey, Lisa Andrews, Ameya Khot, Lea Rubin, Jun Young, Thomas D. Allston, and Gerald A. Takacs, J. Chem. Educ., 2015, 92 (4), pp 688–692 DOI: 10.1021/ed5006294
- [Are the Concepts of Dynamic Equilibrium and the Thermodynamic Criteria for Spontaneity, Nonspontaneity, and Equilibrium Compatible?](#) Lee J. Silverberg, Lionel M. Raff, J. Chem. Educ., 2015, 92 (4), pp 655–659 DOI: 10.1021/ed500660j
- [Implementing an Inexpensive and Accurate Introductory Gas Density Activity with High School Students](#) W. Patrick Cunningham, Christopher Joseph, Samantha Morey, Ana Santos Romo, Cullen Shope, Jonathan Strang, and Kevin Yang, J. Chem. Educ., 2015, 92 (9), pp 1507–1509 DOI: 10.1021/acs.jchemed.5b00277
- [What Is a Kilogram in the Revised International System of Units \(SI\)?](#) Richard S. Davis, J. Chem. Educ., 2015, 92 (10), pp 1604–1609 DOI: 10.1021/acs.jchemed.5b00285

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- [Deconstructing Phase Diagram Calculations](#) Pierre Tomasini, J. Chem. Educ., 2014, 91 (6), pp 934–936 DOI: 10.1021/ed400364s
- [Binary Solid-Liquid Phase Diagram of Phenol and t-Butanol: An Undergraduate Physical Chemistry Experiment](#) Xinhua Xu, Xiaogang Wang, and Meifen Wu, J. Chem. Educ., 2014, 91 (6), pp 929–933 DOI: 10.1021/ed400598s
- [An Integrated Visualization and Basic Molecular Modeling Laboratory for First-Year Undergraduate Medicinal Chemistry](#) Joseph M. Hayes, J. Chem. Educ., 2014, 91 (6), pp 919–923 DOI: 10.1021/ed400486d
- [Using a Spreadsheet To Solve the Schrödinger Equations for the Energies of the Ground Electronic State and the Two Lowest Excited States of H₂](#) Yingbin Ge, Robert C. Rittenhouse, Jacob C. Buchanan, and Benjamin Livingston, J. Chem. Educ., 2014, 91 (6), pp 853–859 DOI: 10.1021/ed400693p (? en Python ?)
- [Use of JANAF Tables in Equilibrium Calculations and Partition Function Calculations for an](#)

[Undergraduate Physical Chemistry Course](#) David A. Cleary, J. Chem. Educ., 2014, 91 (6), pp 848–852 DOI: 10.1021/ed400545x

- [Scent Transmutation: A New Way To Teach on Chemical Equilibrium, Distillation, and Dynamic Combinatorial Chemistry](#) Qing Ji, Nadia S. El-Hamdi, and Ognjen Š. Miljanić, J. Chem. Educ., 2014, 91 (6), pp 830–833 DOI: 10.1021/ed400681w

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