

Cited Papers:

Titrate over the Internet: An Open-Source Remote-Control Titration Unit for All Students Ronald Soong,* Amy Jenne, Daniel H. Lysak, Rajshree Ghosh Biswas, Antonio Adamo, Kris S. Kim, and Andre Simpson

J. Chem. Educ. 2021, 98, 1037-1042

From the environment to NMR: water suppression for whole samples in their native state

Hussain Masoom A, Antonio Adamo A and André J. Simpson A B Environmental Chemistry 13(4) 767-775 https://doi.org/10.1071/EN15139

CASE (Computer-Assisted Structure Elucidation) Study for an Undergraduate Organic Chemistry Class

Ronald Soong*, Brent G. Pautler, Arvin Moser, Amy Jenne, Daniel H. Lysak, Antonio Adamo, and Andre J. Simpson

J. Chem. Educ. 2020, 97, 3, 855–860 Publication Date: February 7, 2020

An Oil Spill in a Tube: An Accessible Approach for Teaching Environmental NMR Spectroscopy AndréJ. Simpson,*,†,§ Perry J. Mitchell

J. Chem. Educ. 2015, 92, 4, 693-697 Publication Date: October 23, 2014

A CASE (Computer-Assisted Structure Elucidation) for Bench-Top NMR Systems in the Undergraduate Laboratory for De Novo Structure Determination: How Well Can We Do? Ronald Soong*, Katelyn Downey, Arvin Moser, Pablo Monje, Amy Jenne, Rajshree Ghosh Biswas, Monica Bastawrous, Rudraksha Majumdar, Daniel Henryk Lysak, Antonio Adamo, Benjamin Goerling, Venita Decker, Falko Busse, Santiago Dominguez, Effiette Sauer, Svetlana Mikhaylichenko, Vivienne Luk, and André J. Simpson:

Chem. Educ. 2022, 99, 11, 3780-3788 Publication Date:October 4, 2022

Targeting the Lowest Concentration of a Toxin That Induces a Detectable Metabolic Response in Living Organisms: Time-Resolved In Vivo 2D NMR during a Concentration Ramp

Daniel Lane, Wolfgang Bermel, Paris Ning, Tae-Yong Jeong, Richard Martin, Ronald Soong, Bing Wu, Maryam Tabatabaei-Anaraki, Hermann Heumann, Marcel Gundy, Holger Boenisch, Antonio Adamo, George Arhonditsis, and André J. Simpson* Anal. Chem. 2020, 92, 14, 9856–9865



Development of an in Situ NMR Photoreactor To Study Environmental Photochemistry Liora Bliumkin†§, Rudraksha Dutta Majumdar†, Ronald Soong†, Antonio Adamo‡, Jonathan P. D. Abbatt§, Ran Zhao§, Eric Reiner||, and André J. Simpson Environ. Sci. Technol. 2016, 50, 11, 5506–5516

Rethinking a Timeless Titration Experimental Setup through Automation and Open-Source Robotic Technology: Making Titration Accessible for Students of All Abilities Ronald Soong*, Kyle Agmata, Tina Doyle, Amy Jenne, Antonio Adamo, and Andre J. Simpson

J. Chem. Educ. 2019, 96, 7, 1497–1501

Exploring the Maker Culture in Chemistry: Making an Affordable Thermal Imaging System for Reaction Visualization

Ronald Soong*, Amy Jenne, Rajshree Ghosh Biswas, Antonio Adamo, and Andre Simpson

J. Chem. Educ. 2020, 97, 10, 3887–3891

Combining the Maker Movement with Accessibility Needs in an Undergraduate Laboratory: A Cost-Effective Text-to-Speech Multipurpose, Universal Chemistry Sensor Hub (MUCSH) for Students with Disabilities

Ronald Soong*, Kyle Agmata, Tina Doyle, Amy Jenne, Tony Adamo, and Andre Simpson J. Chem. Educ. 2018, 95, 12, 2268–2272