

Eric Davis

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

287
citations

933447

10
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

318
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Optical and mass spectral characterization of the electrospray ionization/corona discharge ionization interface. <i>Talanta</i> , 2021, 224, 121870. | 5.5 | 1 |
| 2 | 3D printing lifts the lid on black box instruments. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6905-6915. | 3.7 | 3 |
| 3 | Implementation of a Socially Distanced In-Person Laboratory Experience Across the Chemistry Curriculum during the COVID-19 Pandemic at a Small, Liberal Arts University. <i>Journal of Chemical Education</i> , 2021, 98, 4078-4087. | 2.3 | 2 |
| 4 | Use of 3D Printing to Manufacture Document Camera Mounts in Support of Online Education Shifts during the COVID-19 Pandemic. <i>Journal of Chemical Education</i> , 2020, 97, 2691-2695. | 2.3 | 11 |
| 5 | Using Open-Source, 3D Printable Optical Hardware To Enhance Student Learning in the Instrumental Analysis Laboratory. <i>Journal of Chemical Education</i> , 2018, 95, 672-677. | 2.3 | 32 |
| 6 | Project-Based Learning in Undergraduate Environmental Chemistry Laboratory: Using EPA Methods To Guide Student Method Development for Pesticide Quantitation. <i>Journal of Chemical Education</i> , 2017, 94, 451-457. | 2.3 | 22 |
| 7 | An open source ion gate pulser for ion mobility spectrometry. <i>International Journal for Ion Mobility Spectrometry</i> , 2017, 20, 87-93. | 1.4 | 25 |
| 8 | Rapid analysis of underivatized fatty acids by electrospray-ionization-ion mobility spectrometry. <i>International Journal for Ion Mobility Spectrometry</i> , 2015, 18, 95-104. | 1.4 | 2 |
| 9 | Gravimetric Analysis of Bismuth in Bismuth Subsalicylate Tablets: A Versatile Quantitative Experiment for Undergraduate Laboratories. <i>Journal of Chemical Education</i> , 2015, 92, 163-166. | 2.3 | 3 |
| 10 | Electrospray ionization-voltage sweep-Ion mobility spectrometry for biomolecules and complex samples. <i>International Journal for Ion Mobility Spectrometry</i> , 2014, 17, 147-156. | 1.4 | 2 |
| 11 | Determining the water content of a drift gas using reduced ion mobility measurements. <i>International Journal of Mass Spectrometry</i> , 2014, 368, 37-44. | 1.5 | 16 |
| 12 | Evaluation of ion mobility-mass spectrometry for determining the isomeric heterogeneity of oligosaccharide-alditols derived from bovine submaxillary mucin. <i>International Journal of Mass Spectrometry</i> , 2013, 352, 9-18. | 1.5 | 14 |
| 13 | Radiative Ion-Neutralization: A New Gas-Phase Atmospheric Pressure Ion Transduction Mechanism. <i>Analytical Chemistry</i> , 2012, 84, 4760-4767. | 6.5 | 4 |
| 14 | Improved Ion Mobility Resolving Power with Increased Buffer Gas Pressure. <i>Analytical Chemistry</i> , 2012, 84, 4858-4865. | 6.5 | 26 |
| 15 | Voltage Sweep Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 1260-1267. | 6.5 | 15 |
| 16 | Modular Ion Mobility Spectrometer for Explosives Detection Using Corona Ionization. <i>Analytical Chemistry</i> , 2011, 83, 5965-5971. | 6.5 | 56 |
| 17 | Comprehensive software suite for the operation, maintenance, and evaluation of an ion mobility spectrometer. <i>International Journal for Ion Mobility Spectrometry</i> , 2011, 14, 117. | 1.4 | 8 |
| 18 | High-Pressure Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 3270-3275. | 6.5 | 45 |