

Adam Lanzarotta

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

170
citations

8
h-index

12
g-index

21
ext. papers

231
ext. citations

3.1
avg, IF

3.57
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 20 | A multidisciplinary approach for the analysis of an adulterated dietary supplement where the active pharmaceutical ingredient was embedded in the capsule shell. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 67-68, 22-7 | 3.5 | 30 |
| 19 | Analysis of counterfeit pharmaceutical tablet cores utilizing macroscopic infrared spectroscopy and infrared spectroscopic imaging. <i>Analytical Chemistry</i> , 2011 , 83, 5972-8 | 7.8 | 24 |
| 18 | Development and implementation of a pass/fail field-friendly method for detecting sildenafil in suspect pharmaceutical tablets using a handheld Raman spectrometer and silver colloids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 146, 420-425 | 3.5 | 20 |
| 17 | Hydrogen Bonding between Tetrahydrocannabinol and Vitamin E Acetate in Unvaped, Aerosolized, and Condensed Aerosol e-Liquids. <i>Analytical Chemistry</i> , 2020 , 92, 2374-2378 | 7.8 | 17 |
| 16 | Approximating the detection limit of an infrared spectroscopic imaging microscope operating in an attenuated total reflection (ATR) modality: theoretical and empirical results for an instrument using a linear array detector and a 1.5 millimeter germanium hemisphere internal reflection | 3.1 | 11 |
| 15 | Trace level detection of select opioids (fentanyl, hydrocodone, oxycodone, and tramadol) in suspect pharmaceutical tablets using surface-enhanced Raman scattering (SERS) with handheld devices. <i>Journal of Forensic Sciences</i> , 2021 , 66, 491-504 | 1.8 | 10 |
| 14 | Identification of Opioids and Related Substances using Handheld Raman Spectrometers. <i>Journal of Forensic Sciences</i> , 2020 , 65, 421-427 | 1.8 | 9 |
| 13 | Rapid molecular imaging using attenuated total internal reflection planar array infrared spectroscopy for the analysis of counterfeit pharmaceutical tablets. <i>Applied Spectroscopy</i> , 2009 , 63, 979-987 | 3.1 | 8 |
| 12 | Simultaneous Temperature Measurements and Aerosol Collection During Vaping for the Analysis of Tetrahydrocannabinol and Vitamin E Acetate Mixtures in Ceramic Coil Style Cartridges. <i>Frontiers in Chemistry</i> , 2021 , 9, 734793 | 5 | 8 |
| 11 | Isolation and structural characterization of a new tadalafil analog (chloropropanoylpretadalafil) found in a dietary supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 128, 360-366 | 3.5 | 7 |
| 10 | Detection of Mitragynine in Mitragyna Speciosa (Kratom) Using Surface-Enhanced Raman Spectroscopy with Handheld Devices. <i>Journal of Forensic Sciences</i> , 2020 , 65, 1443-1449 | 1.8 | 5 |
| 9 | Forensic Analysis of Human Autopsy Tissue for the Presence of Polydimethylsiloxane (Silicone) and Volatile Cyclic Siloxanes using Macro FT-IR, FT-IR Spectroscopic Imaging and Headspace GC-MS. <i>Journal of Forensic Sciences</i> , 2016 , 61, 867-874 | 1.8 | 5 |
| 8 | Evaluation of Suspected Counterfeit Pharmaceutical Tablets Declared to Contain Controlled Substances Using Handheld Raman Spectrometers. <i>Journal of Forensic Sciences</i> , 2020 , 65, 1274-1279 | 1.8 | 4 |
| 7 | Analysis of Counterfeit Coated Tablets and Multi-Layer Packaging Materials Using Infrared Microspectroscopic Imaging. <i>Microscopy and Microanalysis</i> , 2016 , 22, 649-55 | 0.5 | 4 |
| 6 | Infrared microspectroscopy using prism-based spectrographs and focal plane array detection. <i>Applied Spectroscopy</i> , 2012 , 66, 304-11 | 3.1 | 3 |
| 5 | Analysis of Forensic Casework Utilizing Infrared Spectroscopic Imaging. <i>Sensors</i> , 2016 , 16, 278 | 3.8 | 3 |
| 4 | Rapid determination of eight benzodiazepines in suspected counterfeit pharmaceuticals using surface-enhanced Raman scattering with handheld Raman spectrometers. <i>Journal of Forensic Sciences</i> , 2021 , 66, 2167-2179 | 1.8 | 1 |

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| 3 | Evaluation of four field portable devices for the rapid detection of mitragynine in suspected kratom products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 201, 114104 | 3.5 | 1 |
| 2 | Evaluation of "Toolkit" consisting of handheld and portable analytical devices for detecting active pharmaceutical ingredients in drug products collected during a simultaneous nation-wide mail blitz. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 203, 114183 | 3.5 | 0 |
| 1 | Analysis of Forensic Casework Utilizing Infrared Microspectroscopic Imaging. <i>Microscopy and Microanalysis</i> , 2016 , 22, 2052-2053 | 0.5 | |