

Adam Lanzarotta

List of Publications by Year in Descending Order

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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	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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	Identification of Opioids and Related Substances using Handheld Raman Spectrometers. <i>Journal of Forensic Sciences</i> , 2020 , 65, 421-427	1.8	9
11	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
10	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
9	Analysis of Forensic Casework Utilizing Infrared Spectroscopic Imaging. <i>Sensors</i> , 2016 , 16, 278	3.8	3
8	Analysis of Forensic Casework Utilizing Infrared Microspectroscopic Imaging. <i>Microscopy and Microanalysis</i> , 2016 , 22, 2052-2053	0.5	
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	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
5	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 element. <i>Applied Spectroscopy</i> , 2015 , 69, 205-14	3.1	11
4	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

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| 3 | Infrared microspectroscopy using prism-based spectrographs and focal plane array detection. <i>Applied Spectroscopy</i> , 2012 , 66, 304-11 | 3.1 | 3 |
| 2 | 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 |
| 1 | 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, 979-91 | 3.1 | 8 |