

# Adam Lanzarotta

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

265  
citations

1040056

9  
h-index

940533

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening suspect pharmaceuticals for illicit designer benzodiazepines using raman, SERS, and FT-IR prior to comprehensive analysis using LC-MS. <i>Forensic Science International</i> , 2022, 338, 111390.	2.2	2
2	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.	1.6	26
3	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.	1.6	8
4	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.	2.8	10
5	Simultaneous Temperature Measurements and Aerosol Collection During Vaping for the Analysis of $\delta^9$ -Tetrahydrocannabinol and Vitamin E Acetate Mixtures in Ceramic Coil Style Cartridges. <i>Frontiers in Chemistry</i> , 2021, 9, 734793.	3.6	18
6	Evaluation of a "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.	2.8	7
7	Identification of Opioids and Related Substances using Handheld Raman Spectrometers. <i>Journal of Forensic Sciences</i> , 2020, 65, 421-427.	1.6	15
8	Detection of Mitragynine in <i>Mitragyna Speciosa</i> (Kratom) Using Surface-Enhanced Raman Spectroscopy with Handheld Devices. <i>Journal of Forensic Sciences</i> , 2020, 65, 1443-1449.	1.6	8
9	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.	1.6	5
10	Hydrogen Bonding between Tetrahydrocannabinol and Vitamin E Acetate in Unvaped, Aerosolized, and Condensed Aerosol e-Liquids. <i>Analytical Chemistry</i> , 2020, 92, 2374-2378.	6.5	27
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.	2.8	23
12	Analysis of Forensic Casework Utilizing Infrared Spectroscopic Imaging. <i>Sensors</i> , 2016, 16, 278.	3.8	5
13	Analysis of Forensic Casework Utilizing Infrared Microspectroscopic Imaging. <i>Microscopy and Microanalysis</i> , 2016, 22, 2052-2053.	0.4	0
14	Analysis of Counterfeit Coated Tablets and Multi-Layer Packaging Materials Using Infrared Microspectroscopic Imaging. <i>Microscopy and Microanalysis</i> , 2016, 22, 649-655.	0.4	5
15	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.	2.8	10
16	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.	1.6	5
17	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, 205-214.	2.2	14
18	Infrared Microspectroscopy Using Prism-Based Spectrographs and Focal Plane Array Detection. <i>Applied Spectroscopy</i> , 2012, 66, 304-311.	2.2	4

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19	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, 22-27.	2.8	35
20	Analysis of Counterfeit Pharmaceutical Tablet Cores Utilizing Macroscopic Infrared Spectroscopy and Infrared Spectroscopic Imaging. <i>Analytical Chemistry</i> , 2011, 83, 5972-5978.	6.5	29
21	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, 979-991.	2.2	9