

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	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
2	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
3	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
4	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
5	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
6	Simultaneous Temperature Measurements and Aerosol Collection During Vaping for the Analysis of δ^9 -Tetrahydrocannabinol and Vitamin E Acetate Mixtures in Ceramic Coil Style Cartridges. <i>Frontiers in Chemistry</i> , 2021, 9, 734793.	3.6	18
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	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
9	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
10	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
11	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
12	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
13	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
14	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.	2.8	7
15	Analysis of Forensic Casework Utilizing Infrared Spectroscopic Imaging. <i>Sensors</i> , 2016, 16, 278.	3.8	5
16	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
17	Forensic Analysis of Human Autopsy Tissue for the Presence of Polydimethylsiloxane (Silicone) and Volatile Cyclic Siloxanes using Macro FT-IR, FT-R Spectroscopic Imaging and Headspace GC-MS. <i>Journal of Forensic Sciences</i> , 2016, 61, 867-874.	1.6	5
18	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

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19	Infrared Microspectroscopy Using Prism-Based Spectrographs and Focal Plane Array Detection. Applied Spectroscopy, 2012, 66, 304-311.	2.2	4
20	Screening suspect pharmaceuticals for illicit designer benzodiazepines using raman, SERS, and FT-IR prior to comprehensive analysis using LC-MS. Forensic Science International, 2022, 338, 111390.	2.2	2
21	Analysis of Forensic Casework Utilizing Infrared Microspectroscopic Imaging. Microscopy and Microanalysis, 2016, 22, 2052-2053.	0.4	0