

# Colby Ott

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6252098/publications.pdf>

Version: 2024-02-01

10  
papers

118  
citations

1477746

6  
h-index

1372195

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

72  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical detection of fentanyl with screen-printed carbon electrodes using square-wave adsorptive stripping voltammetry for forensic applications. <i>Journal of Electroanalytical Chemistry</i> , 2020, 873, 114425.	1.9	30
2	Evaluation of the Simultaneous Analysis of Organic and Inorganic Gunshot Residues Within a Large Population Data Set Using Electrochemical Sensors*. <i>Journal of Forensic Sciences</i> , 2020, 65, 1935-1944.	0.9	21
3	Detection of organic and inorganic gunshot residues from hands using complexing agents and LC-MS/MS. <i>Analytical Methods</i> , 2021, 13, 3024-3039.	1.3	16
4	Screening of seized drugs utilizing portable Raman spectroscopy and direct analysis in real time-mass spectrometry (DART-MS). <i>Forensic Chemistry</i> , 2021, 25, 100352.	1.7	14
5	Comparison of portable and benchtop electrochemical instruments for detection of inorganic and organic gunshot residues in authentic shooter samples. <i>Journal of Forensic Sciences</i> , 2022, 67, 1450-1460.	0.9	9
6	Forensic Identification of Fentanyl and its Analogs by Electrochemical-Surface Enhanced Raman Spectroscopy (EC-SERS) for the Screening of Seized Drugs of Abuse. <i>Frontiers in Analytical Science</i> , 2022, 2, .	1.1	8
7	Quantitation of Fentanyl and Metabolites from Liver Tissue Using a Validated QuEChERS Extraction and LC-MS-MS Analysis. <i>Journal of Analytical Toxicology</i> , 2021, 44, 957-967.	1.7	6
8	Rapid Determination of the "Legal Highs" 4-MMC and 4-MEC by Spectroelectrochemistry: Simultaneous Cyclic Voltammetry and In Situ Surface-Enhanced Raman Spectroscopy. <i>Sensors</i> , 2022, 22, 295.	2.1	5
9	Prevalence and probabilistic assessment of organic and inorganic gunshot residue and background profiles using LIBS, electrochemistry, and SEM-EDS. <i>Forensic Chemistry</i> , 2022, 29, 100429.	1.7	5
10	Quantitation and Validation of 34 Fentanyl Analogs from Liver Tissue Using a QuEChERS Extraction and LC-MS-MS Analysis. <i>Journal of Analytical Toxicology</i> , 2021, , .	1.7	4