

Shannon T Krauss

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

101
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

95
citing authors

#	ARTICLE	IF	CITATIONS
1	Trace detection and chemical analysis of homemade fuel-oxidizer mixture explosives: Emerging challenges and perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 131, 116023.	11.4	27
2	Microfluidic enzymatic DNA extraction on a hybrid polyester-toner-PMMA device. <i>Analyst, The</i> , 2016, 141, 4667-4675.	3.5	17
3	Detection of fuel oxidizer explosives utilizing portable capillary electrophoresis with wipe-based sampling. <i>Electrophoresis</i> , 2020, 41, 1482-1490.	2.4	17
4	Color manipulation through microchip tinting for colorimetric detection using hue image analysis. <i>Lab on A Chip</i> , 2017, 17, 4089-4096.	6.0	14
5	Inkjet printing on transparency films for reagent storage with polyester toner microdevices. <i>Analytical Methods</i> , 2016, 8, 7061-7068.	2.7	11
6	Separation and Detection of Trace Fentanyl from Complex Mixtures Using Gradient Elution Moving Boundary Electrophoresis. <i>Analytical Chemistry</i> , 2019, 91, 13014-13021.	6.5	6
7	Confined DART-MS for Rapid Chemical Analysis of Electronic Cigarette Aerosols and Spiked Drugs. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2274-2280.	2.8	6
8	Inorganic oxidizer detection from propellants, pyrotechnics, and homemade explosive powders using gradient elution moving boundary electrophoresis. <i>Electrophoresis</i> , 2021, 42, 279-288.	2.4	3