

Curtis D Mowry

List of Publications by Year in descending order

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17
papers

324
citations

1163117

8
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Lessons Learnedâ€”Fluoride Exposure and Response. Journal of Chemical Health and Safety, 2021, 28, 129-133.	2.1	5
2	Laser-Induced Breakdown Spectroscopy for Qualitative Analysis of Metals in Simulated Martian Soils. Journal of Chemical Education, 2017, 94, 1507-1511.	2.3	5
3	Materials assurance through orthogonal materials measurements: X-ray fluorescence aspects. Powder Diffraction, 2017, 32, 124-132.	0.2	1
4	Monitoring of CoS ₂ reactions using high-temperature XRD coupled with gas chromatography (GC). Powder Diffraction, 2016, 31, 90-96.	0.2	6
5	Pulsed Discharge Helium Ionization Detector for Highly Sensitive Aquametry. Analytical Sciences, 2016, 32, 177-181.	1.6	6
6	Development of a Mesoscale Pulsed Discharge Helium Ionization Detector for Portable Gas Chromatography. Analytical Sciences, 2015, 31, 1183-1188.	1.6	7
7	Development and Durability Testing of a Lowâ€”Temperature Sintering Biâ€”Siâ€”Zn Oxide Glass Composite Material (GCM) ¹²⁹ Waste Form. Journal of the American Ceramic Society, 2015, 98, 3094-3104.	3.8	10
8	Detecting Trihalomethanes Using Nanoporous-Carbon Coated Surface-Acoustic-Wave Sensors. Journal of the Electrochemical Society, 2015, 162, B114-B120.	2.9	6
9	Diagnostic potential of the pulsed discharged helium ionization detector (PDHID) for pathogenic Mycobacterial volatile biomarkers. Journal of Breath Research, 2013, 7, 037107.	3.0	9
10	Invited Article: A materials investigation of a phase-change micro-valve for greenhouse gas collection and other potential applications. Review of Scientific Instruments, 2012, 83, 031301.	1.3	9
11	Bench-Scale Pyrolysis of Wood Pellets. , 2011, , .		0
12	Evaluation of a micro-fabricated pyrolyzer for the detection of Bacillus anthracis spores. Journal of Analytical and Applied Pyrolysis, 2004, 72, 55-61.	5.5	12
13	Field Testing and New Applications of Gas Phase Miniature Chemical Analysis Systems (ÂµChemlabâ„¢). , 2002, , 521-523.		1
14	Direct Mass Spectrometric Analysis of in Situ Thermally Hydrolyzed and Methylated Lipids from Whole Bacterial Cells. Analytical Chemistry, 1998, 70, 1555-1562.	6.5	77
15	Internal Energy of Neutral Molecules Ejected by Matrix-Assisted Laser Desorption. The Journal of Physical Chemistry, 1994, 98, 1904-1909.	2.9	72
16	Simultaneous detection of ions and neutrals produced by matrix-assisted laser desorption. Rapid Communications in Mass Spectrometry, 1993, 7, 569-575.	1.5	79
17	Resolution enhancement in linear time-of-flight mass spectrometry by post-source pulse focusing. International Journal of Mass Spectrometry and Ion Processes, 1991, 104, 35-44.	1.8	19