

Nicholas G Davey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3522742/publications.pdf>

Version: 2024-02-01

11
papers

163
citations

1684188

5
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane-introduction mass spectrometry (MIMS). TrAC - Trends in Analytical Chemistry, 2011, 30, 1477-1485.	11.4	69
2	A Field-Portable Membrane Introduction Mass Spectrometer for Real-time Quantitation and Spatial Mapping of Atmospheric and Aqueous Contaminants. Journal of the American Society for Mass Spectrometry, 2015, 26, 212-223.	2.8	34
3	The Use of MIMS-MS-MS in Field Locations as an On-Line Quantitative Environmental Monitoring Technique for Trace Contaminants in Air and Water. Journal of Chromatographic Science, 2009, 47, 57-66.	1.4	23
4	Measurement of spatial and temporal variation in volatile hazardous air pollutants in Tacoma, Washington, using a mobile membrane introduction mass spectrometry (MIMS) system. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2014, 49, 1199-1208.	1.7	14
5	A membrane introduction mass spectrometer utilizing ion-molecule reactions for the on-line speciation and quantitation of volatile organic molecules. Rapid Communications in Mass Spectrometry, 2015, 29, 2187-2194.	1.5	7
6	The Effect of the Earth's and Stray Magnetic Fields on Mobile Mass Spectrometer Systems. Journal of the American Society for Mass Spectrometry, 2015, 26, 201-211.	2.8	4
7	Mapping the geospatial distribution of atmospheric BTEX compounds using portable mass spectrometry and adaptive whole air sampling. Atmospheric Pollution Research, 2020, 11, 545-553.	3.8	3
8	Measurement of Diacetyl and Related Compounds in Coffee Roasteries and Breweries. Annals of Work Exposures and Health, 2022, 66, 618-631.	1.4	3
9	Discrimination of constructed air samples using multivariate analysis of full scan membrane introduction mass spectrometry (MIMS) data. Rapid Communications in Mass Spectrometry, 2018, 32, 349-360.	1.5	2
10	Discrimination and geo-spatial mapping of atmospheric VOC sources using full scan direct mass spectral data collected from a moving vehicle. Environmental Sciences: Processes and Impacts, 2020, 22, 173-186.	3.5	2
11	A field portable membrane introduction mass spectrometer with in-line standard infusion and sample heat exchanger for real-time monitoring of volatile organic compounds in aqueous samples. Environmental Chemistry and Ecotoxicology, 2020, 2, 168-174.	9.1	2