

Nicholas G Davey

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

163
citations

1684188
5
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1281871
11
g-index

12
all docs

12
docs citations

12
times ranked

175
citing authors

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