P Mark L Sandercock

List of Publications by Year
in descending order

25 papers	680 citations	687363 13 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	326 citing authors

#	Article	IF	Citations
1	Classification of premium and regular gasoline by gas chromatography/mass spectrometry, principal component analysis and artificial neural networks. Forensic Science International, 2003, 132, 26-39.	2.2	104
2	Chemical fingerprinting of unevaporated automotive gasoline samples. Forensic Science International, 2003, 134, 1-10.	2.2	96
3	Chemical fingerprinting of gasoline. Forensic Science International, 2004, 140, 43-59.	2.2	78
4	Fire investigation and ignitable liquid residue analysisâ€"A review: 2001â€"2007. Forensic Science International, 2008, 176, 93-110.	2.2	77
5	Chemical fingerprinting of gasoline. Forensic Science International, 2004, 140, 71-77.	2.2	42
6	Chemometric classification of casework arson samples based on gasoline content. Forensic Science International, 2014, 235, 24-31.	2.2	41
7	Pattern Recognition-Assisted Infrared Library Searching of Automotive Clear Coats. Applied Spectroscopy, 2015, 69, 84-94.	2.2	28
8	Wavelets and genetic algorithms applied to search prefilters for spectral library matching in forensics. Talanta, 2011, 87, 46-52.	5.5	27
9	Automated optimization and construction of chemometric models based on highly variable raw chromatographic data. Analytica Chimica Acta, 2011, 697, 8-15.	5.4	26
10	Search prefilters for midâ€infrared absorbance spectra of clear coat automotive paint smears using stacked and linear classifiers. Journal of Chemometrics, 2014, 28, 385-394.	1.3	24
11	Development of search prefilters for infrared library searching of clear coat paint smears. Talanta, 2014, 119, 331-340.	5.5	24
12	Search prefilters to assist in library searching of infrared spectra of automotive clear coats. Talanta, 2015, 132, 182-190.	5.5	15
13	Use of a Solid Absorbent and an Accelerant Detection Canine for the Detection of Ignitable Liquids Burned in a Structure Fire. Journal of Forensic Sciences, 2007, 52, 643-648.	1.6	13
14	Principal Component Analysis and Analysis of Variance on the Effects of Entellan New on the Raman Spectra of Fibers. Journal of Forensic Sciences, 2012, 57, 70-74.	1.6	12
15	A Survey of Canadian Gasolines (2004). Journal of the Canadian Society of Forensic Science, 2007, 40, 105-130.	0.9	11
16	Passive headspace extraction of ignitable liquids using activated carbon cloth. Journal of the Canadian Society of Forensic Science, 2016, 49, 176-188.	0.9	10
17	The influence of temperature on the pyrolysis of household materials. Journal of Analytical and Applied Pyrolysis, 2016, 118, 75-85.	5.5	9
18	Evaluation of Internal Standards for the Analysis of Ignitable Liquids in Fire Debris. Journal of Forensic Sciences, 2009, 54, 320-327.	1.6	8

#	Article	IF	Citations
19	Preparation of Pyrolysis Reference Samples: Evaluation of a Standard Method Using a Tube Furnace. Journal of Forensic Sciences, 2012, 57, 738-743.	1.6	8
20	Survey of Canadian Gasoline (Winter 2010). Journal of the Canadian Society of Forensic Science, 2012, 45, 64-78.	0.9	7
21	A survey of fire debris casework in Canada, 2011â€“2016. Journal of the Canadian Society of Forensic Science, 2018, 51, 26-37.	0.9	7
22	Survey of new, single-layer architectural paints. Journal of the Canadian Society of Forensic Science, 2016, 49, 78-105.	0.9	5
23	Characterization of the Products Formed by the Reaction of Trichlorocyanuric Acid with 2â€Propanol. Journal of Forensic Sciences, 2009, 54, 1336-1340.	1.6	3
24	Background Interference in Fire Debris Analysis. , 2019, , 75-104.		3
25	How to Write and Publish a Scientific Article. Journal of the Canadian Society of Forensic Science, 2012, 45, 1-5.	0.9	2