Maiken Ueland

List of Publications by Year
in descending order

40 papers	584 citations	623734 14 h-index	713466 21 g-index
43 all docs	43 docs citations	43 times ranked	544 citing authors

#	Article	IF	Citations
1	*In vitro* volatile organic compound profiling using GCÃ—GC-TOFMS to differentiate bacteria associated with lung infections: a proof-of-concept study. Journal of Breath Research, 2016, 10, 026008.	3.0	57
2	Capillary-driven microfluidic paper-based analytical devices for lab on a chip screening of explosive residues in soil. Journal of Chromatography A, 2016, 1436, 28-33.	3.7	55
3	A comparison of human and pig decomposition rates and odour profiles in an Australian environment. Australian Journal of Forensic Sciences, 2019, 51, 557-572.	1.2	41
4	Profiling the decomposition odour at the grave surface before and after probing. Forensic Science International, 2016, 259, 193-199.	2.2	26
5	The analysis of textiles associated with decomposing remains as a natural training aid for cadaver-detection dogs. Forensic Chemistry, 2017, 5, 33-45.	2.8	25
6	Forensic decomposition odour profiling: A review of experimental designs and analytical techniques. TrAC - Trends in Analytical Chemistry, 2017, 91, 112-124.	11.4	24
7	A data-driven meat freshness monitoring and evaluation method using rapid centroid estimation and hidden Markov models. Sensors and Actuators B: Chemical, 2020, 311, 127868.	7.8	24
8	Degradation patterns of natural and synthetic textiles on a soil surface during summer and winter seasons studied using ATR-FTIR spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 185, 69-76.	3.9	21
9	Electronic Nose-Based Odor Classification using Genetic Algorithms and Fuzzy Support Vector Machines. International Journal of Fuzzy Systems, 2018, 20, 1309-1320.	4.0	19
10	A novel multi-odour identification by electronic nose using non-parametric modelling-based feature extraction and time-series classification. Sensors and Actuators B: Chemical, 2019, 298, 126690.	7.8	19
11	The interactive effect of the degradation of cotton clothing and decomposition fluid production associated with decaying remains. Forensic Science International, 2015, 255, 56-63.	2.2	18
12	Bacterial populations associated with early-stage adipocere formation in lacustrine waters. International Journal of Legal Medicine, 2014, 128, 379-387.	2.2	17
13	A novel data pre-processing method for odour detection and identification system. Sensors and Actuators A: Physical, 2019, 287, 113-120.	4.1	17
14	Quantitative speciation of volatile sulphur compounds from human cadavers by GC-ICP-MS. Talanta, 2021, 221, 121424.	5.5	16
15	Profiling the seasonal variability of decomposition odour from human remains in a temperate Australian environment. Australian Journal of Forensic Sciences, 2020, 52, 654-664.	1.2	15
16	Detecting volatile organic compounds to locate human remains in a simulated collapsed building. Forensic Science International, 2021, 323, 110781.	2.2	14
17	Design of an efficient electronic nose system for odour analysis and assessment. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108089.	5.0	13
18	Comparative volatilomics of coral endosymbionts from one- and comprehensive two-dimensional gas chromatography approaches. Marine Biology, 2021, 168, 1.	1.5	12

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19	The Use of Electronic Nose for the Classification of Blended and Single Malt Scotch Whisky. IEEE Sensors Journal, 2022, 22, 7015-7021.	4.7	12
20	A rapid chemical odour profiling method for the identification of rhinoceros horns. Forensic Science International, 2016, 266, e99-e102.	2.2	10
21	Soil chemical markers distinguishing human and pig decomposition islands: a preliminary study. Forensic Science, Medicine, and Pathology, 2020, 16, 605-612.	1.4	10
22	Fresh vs. frozen human decomposition â€" A preliminary investigation of lipid degradation products as biomarkers of post-mortem interval. Forensic Chemistry, 2021, 24, 100335.	2.8	10
23	An in-field evaluation of rapid DNA instruments for disaster victim identification. International Journal of Legal Medicine, 2022, 136, 493-499.	2.2	10
24	Recent advances in the estimation of post-mortem interval in forensic taphonomy. Australian Journal of Forensic Sciences, 2020, 52, 107-123.	1.2	9
25	Monitoring human decomposition products collected in clothing: an infrared spectroscopy study. Australian Journal of Forensic Sciences, 2020, 52, 428-438.	1.2	8
26	Profiling Volatilomes: A Novel Forensic Method for Identification of Confiscated Illegal Wildlife Items. Separations, 2020, 7, 5.	2.4	8
27	Seasonal variation of fatty acid profiles from textiles associated with decomposing pig remains in a temperate Australian environment. Forensic Chemistry, 2018, 11, 120-127.	2.8	7
28	The analysis of nitrate explosive vapour samples using Lab-on-a-chip instrumentation. Journal of Chromatography A, 2019, 1602, 467-473.	3.7	7
29	Detecting grave sites from surface anomalies: A longitudinal study in an Australian woodland. Journal of Forensic Sciences, 2021, 66, 479-490.	1.6	6
30	Evidence from a mouse model on the dangers of thirdhand electronic cigarette exposure during early life. ERJ Open Research, 2020, 6, 00022-2020.	2.6	5
31	An overview of risk investment in the transnational illegal wildlife trade from stakeholder perspectives. Wiley Interdisciplinary Reviews Forensic Science, 2021, 3, .	2.1	5
32	A Multiscale Wavelet Kernel Regularization-Based Feature Extraction Method for Electronic Nose. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7078-7089.	9.3	5
33	NOS.E: A New Fast Response Electronic Nose Health Monitoring System. , 2018, 2018, 4977-4980.		4
34	Understanding clothed buried remains: the analysis of decomposition fluids and their influence on clothing in model burial environments. Forensic Science, Medicine, and Pathology, 2019, 15, 3-12.	1.4	4
35	A preliminary investigation to determine the suitability of pigs as human analogues for post-mortem lipid analysis. Talanta Open, 2022, 5, 100100.	3.7	4
36	Reptile volatilome profiling optimisation: A pathway towards forensic applications. Forensic Science International Animals and Environments, 2021, 1, 100024.	0.8	3

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37	Anatomical location dependence of human decomposition products in clothing. Australian Journal of Forensic Sciences, 2023, 55, 363-375.	1.2	2
38	The attempted predation of a sand goanna (*Varanus gouldii*) by a juvenile red fox (*Vulpes*) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	0
39	Time Since Death in Bioarchaeology and Human Osteology. , 2018, , 1-6.		0
40	Time Since Death in Bioarchaeology and Human Osteology. , 2020, , 10620-10625.		0