

Vincent Varlet

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,518
citations

430442

18
h-index

315357

38
g-index

49
all docs

49
docs citations

49
times ranked

1871
citing authors

#	ARTICLE	IF	CITATIONS
1	E-Cigarettes: A Review of New Trends in Cannabis Use. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 9988-10008.	1.2	203
2	Comparison of Odor-Active Volatile Compounds of Fresh and Smoked Salmon. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 3391-3401.	2.4	190
3	Volatile aldehydes in smoked fish: Analysis methods, occurrence and mechanisms of formation. <i>Food Chemistry</i> , 2007, 105, 1536-1556.	4.2	170
4	Innovative method for determination of 19 polycyclic aromatic hydrocarbons in food and oil samples using gas chromatography coupled to tandem mass spectrometry based on an isotope dilution approach. <i>Journal of Chromatography A</i> , 2007, 1149, 333-344.	1.8	133
5	Toxicity Assessment of Refill Liquids for Electronic Cigarettes. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 4796-4815.	1.2	105
6	Characterization of the Most Odor-Active Volatiles of Orange Wine Made from a Turkish cv. Kozan () Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.4	78
7	Drug vaping applied to cannabis: Is "Cannavaping" a therapeutic alternative to marijuana?. <i>Scientific Reports</i> , 2016, 6, 25599.	1.6	65
8	Determination of PAH profiles by GC-MS/MS in salmon processed by four cold-smoking techniques. <i>Food Additives and Contaminants</i> , 2007, 24, 744-757.	2.0	48
9	Organoleptic characterization and PAH content of salmon (<i>Salmo salar</i>) fillets smoked according to four industrial smoking techniques. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 847-854.	1.7	44
10	Hydrogen Sulfide Measurement by Headspace-gas Chromatography-mass Spectrometry (HS-GC-MS): Application to Gaseous Samples and Gas Dissolved in Muscle. <i>Journal of Analytical Toxicology</i> , 2015, 39, 52-57.	1.7	35
11	When gas analysis assists with postmortem imaging to diagnose causes of death. <i>Forensic Science International</i> , 2015, 251, 1-10.	1.3	32
12	Olfactometric Determination of the Most Potent Odor-Active Compounds in Salmon Muscle (<i>Salmo</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf <i>Chemistry</i> , 2007, 55, 4518-4525.	2.4	29
13	New trends in the kitchen: Propellants assessment of edible food aerosol sprays used on food. <i>Food Chemistry</i> , 2014, 142, 311-317.	4.2	26
14	Stability of postmortem methemoglobin: Artifacts changes caused by storage conditions. <i>Forensic Science International</i> , 2018, 283, 21-28.	1.3	26
15	Innovative method for carbon dioxide determination in human postmortem cardiac gas samples using headspace-gas chromatography-mass spectrometry and stable labeled isotope as internal standard. <i>Analytica Chimica Acta</i> , 2013, 784, 42-46.	2.6	23
16	Carbon monoxide analysis method in human blood by Airtight Gas Syringe " Gas Chromatography " Mass Spectrometry (AGS-GC-MS): Relevance for postmortem poisoning diagnosis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1090, 81-89.	1.2	22
17	Accuracy profile validation of a new method for carbon monoxide measurement in the human blood using headspace-gas chromatography-mass spectrometry (HS-CC-MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 880, 125-131.	1.2	21
18	Drug Vaping: From the Dangers of Misuse to New Therapeutic Devices. <i>Toxics</i> , 2016, 4, 29.	1.6	19

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19	Postmortem Internal Gas Reservoir Monitoring Using GC–GC-HRTOF-MS. <i>Separations</i> , 2016, 3, 24.	1.1	19
20	New procedure for the study of odour representativeness of aromatic extracts from smoked salmon. <i>Food Chemistry</i> , 2007, 100, 820-829.	4.2	17
21	A New Approach for the Carbon Monoxide (CO) Exposure Diagnosis: Measurement of Total CO in Human Blood Versus Carboxyhemoglobin (HbCO). <i>Journal of Forensic Sciences</i> , 2013, 58, 1041-1046.	0.9	16
22	Validation of an analytical method for nitrous oxide (N ₂ O) laughing gas by headspace gas chromatography coupled to mass spectrometry (HS-GC–MS): Forensic application to a lethal intoxication. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 983-984, 90-93.	1.2	15
23	Gas analysis of exhumed cadavers buried for 30 years: a case report about long time alteration. <i>International Journal of Legal Medicine</i> , 2014, 128, 719-724.	1.2	14
24	Accuracy profile validation of a new analytical method for butane measurement using headspace-gas chromatography–mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 913-914, 155-160.	1.2	13
25	A minimally-invasive method for profiling volatile organic compounds within postmortem internal gas reservoirs. <i>International Journal of Legal Medicine</i> , 2017, 131, 1271-1281.	1.2	13
26	Indirect hydrogen analysis by gas chromatography coupled to mass spectrometry (GC–MS). <i>Journal of Mass Spectrometry</i> , 2013, 48, 914-918.	0.7	12
27	Toward safer thanatopraxy cares: formaldehyde releasers use. <i>Journal of Anatomy</i> , 2019, 235, 863-872.	0.9	12
28	Revolution in death sciences: body farms and taphonomics blooming. A review investigating the advantages, ethical and legal aspects in a Swiss context. <i>International Journal of Legal Medicine</i> , 2020, 134, 1875-1895.	1.2	12
29	Helium poisoning: new procedure for sampling and analysis. <i>International Journal of Legal Medicine</i> , 2019, 133, 1809-1818.	1.2	11
30	Confirmation of natural gas explosion from methane quantification by headspace gas chromatography–mass spectrometry (HS-GC-MS) in postmortem samples: a case report. <i>International Journal of Legal Medicine</i> , 2013, 127, 413-418.	1.2	10
31	Fatal intravenous injection of potassium: Is postmortem biochemistry useful for the diagnosis?. <i>Forensic Science International</i> , 2017, 274, 27-32.	1.3	10
32	Xenon detection in human blood: Analytical validation by accuracy profile and identification of critical storage parameters. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018, 58, 14-19.	0.5	9
33	Volatile lipophilic substances management in case of fatal sniffing. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2017, 52, 35-39.	0.5	8
34	A fatal case of oxygen embolism in a hospital. <i>Forensic Sciences Research</i> , 2017, 2, 100-106.	0.9	7
35	Accuracy Profile Validation of a New Analytical Method for Propane Measurement Using Headspace-Gas Chromatography-Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2014, 38, 73-79.	1.7	6
36	Understanding scuba diving fatalities: carbon dioxide concentrations in intra-cardiac gas. <i>Diving and Hyperbaric Medicine</i> , 2017, 47, 75-81.	0.2	6

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37	Monitoring of aglycons of yew glycosides (3,5-dimethoxyphenol, myrtenol and 1-octen-3-ol) as first indicator of yew presence. <i>Drug Testing and Analysis</i> , 2013, 5, 474-479.	1.6	5
38	Blood monitoring of perfluorocarbon compounds (F-tert-butylcyclohexane, perfluoromethyldecalin) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 196-203.	2.9	5
39	New strategy for carbon monoxide poisoning diagnosis: Carboxyhemoglobin (COHb) vs Total Blood Carbon Monoxide (TBCO). <i>Forensic Science International</i> , 2020, 306, 110063.	1.3	5
40	Smoke Flavoring Technology in Seafood. , 2009, , 233-254.		4
41	Disturbances of glucose metabolism associated with the use of psychotropic drugs: A post-mortem evaluation. <i>Forensic Science International</i> , 2017, 274, 33-37.	1.3	4
42	What are the limitations of methods to measure carbon monoxide in biological samples?. <i>Forensic Toxicology</i> , 2020, 38, 1-14.	1.4	4
43	The big puzzle: A critical review of virtual re-association methods for fragmented human remains in a DVI context'. <i>Forensic Science International</i> , 2022, 330, 111033.	1.3	4
44	Xenon: From medical applications to doping uses. <i>Toxicologie Analytique Et Clinique</i> , 2017, 29, 309-319.	0.1	3
45	L'argon : utilisations, toxicité et stratégie analytique en toxicologie médico-légale. <i>Toxicologie Analytique Et Clinique</i> , 2012, 24, 185-192.	0.1	3
46	Validation of methane measurement using headspace-GC-MS and quantification by a stable isotope-labeled internal standard generated <i>in situ</i> . <i>Journal of Separation Science</i> , 2013, 36, 1967-1972.	1.3	2
47	Response-to-comments about: 'Is it really the method for carbon dioxide determination in human postmortem cardiac gas samples using Headspace-Gas Chromatography-Mass Spectrometry valid?' from T. Saffaj and B. Ihssane. <i>Analytica Chimica Acta</i> , 2014, 810, 43-44.	2.6	0
48	Intoxications fatales d'amisulpride en Suisse romande depuis 2005: concentrations sanguines thérapeutiques, toxiques et fatales. <i>Toxicologie Analytique Et Clinique</i> , 2014, 26, 61-67.	0.1	0