

Marco Vincenti

List of Publications by Year in descending order

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191
papers

5,499
citations

66234

42
h-index

123241

61
g-index

202
all docs

202
docs citations

202
times ranked

4715
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of double-bond position in diunsaturated compounds by mass spectrometry of dimethyl disulfide derivatives. <i>Analytical Chemistry</i> , 1987, 59, 694-699.	3.2	193
2	Host-guest complexation. 55. Guest capture during shell closure. <i>Journal of the American Chemical Society</i> , 1991, 113, 2167-2172.	6.6	124
3	Photocatalytic degradation of Monuron in aqueous titanium dioxide dispersions. <i>Environmental Science & Technology</i> , 1993, 27, 1790-1795.	4.6	123
4	Special feature: Perspective. Host-guest chemistry in the mass spectrometer. <i>Journal of Mass Spectrometry</i> , 1995, 30, 925-939.	0.7	121
5	Detection of "bath salts" and other novel psychoactive substances in hair samples of ecstasy/MDMA/"Molly" users. <i>Drug and Alcohol Dependence</i> , 2016, 161, 200-205.	1.6	110
6	Simultaneous analysis of several synthetic cannabinoids, THC, CBD and CBN, in hair by ultra-high performance liquid chromatography tandem mass spectrometry. Method validation and application to real samples. <i>Journal of Mass Spectrometry</i> , 2012, 47, 604-610.	0.7	103
7	Determination of cathinones and other stimulant, psychedelic, and dissociative designer drugs in real hair samples. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2035-2042.	1.9	94
8	Formation of Condensation Products in Advanced Oxidation Technologies: The Photocatalytic Degradation of Dichlorophenols on TiO ₂ . <i>Environmental Science & Technology</i> , 1995, 29, 2226-2234.	4.6	93
9	Light-assisted 1,4-dioxane degradation. <i>Chemosphere</i> , 1997, 35, 2675-2688.	4.2	90
10	Photocatalytic and photolytic transformation of chloramben in aqueous solutions. <i>Applied Catalysis B: Environmental</i> , 1999, 22, 149-158.	10.8	88
11	Sunlight photodegradation of 2,4,5-trichlorophenoxy-acetic acid and 2,4,5-trichlorophenol on TiO ₂ . Identification of intermediates and degradation pathway. <i>Chemosphere</i> , 1987, 16, 1165-1179.	4.2	86
12	Phototransformations of nitrogen containing organic compounds over irradiated semiconductor metal oxides. <i>Coordination Chemistry Reviews</i> , 1993, 125, 183-193.	9.5	81
13	Host-guest complexation in the gas phase by desorption chemical ionization mass spectrometry. <i>Journal of the American Chemical Society</i> , 1990, 112, 445-447.	6.6	77
14	Fast gas chromatographic/mass spectrometric determination of diuretics and masking agents in human urine. <i>Journal of Chromatography A</i> , 2006, 1135, 219-229.	1.8	75
15	Hair Testing for Drugs of Abuse and New Psychoactive Substances in a High-Risk Population. <i>Journal of Analytical Toxicology</i> , 2017, 41, 376-381.	1.7	75
16	Hair testing to assess both known and unknown use of drugs amongst ecstasy users in the electronic dance music scene. <i>International Journal of Drug Policy</i> , 2017, 48, 91-98.	1.6	74
17	Hair analysis as a tool to evaluate the prevalence of synthetic cannabinoids in different populations of drug consumers. <i>Drug Testing and Analysis</i> , 2014, 6, 126-134.	1.6	70
18	Desorption due to charge exchange in low-energy collisions of organofluorine ions at solid surfaces. <i>Organic Mass Spectrometry</i> , 1988, 23, 317-326.	1.3	68

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19	Identification of photocatalytic degradation pathways of 2-Cl-s-triazine herbicides and detection of their decomposition intermediates. <i>Chemosphere</i> , 1992, 24, 891-910.	4.2	68
20	Direct drug analysis from oral fluid using medical swab touch spray mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 861, 47-54.	2.6	68
21	Simultaneous determination in hair of multiclass drugs of abuse (including THC) by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 899, 154-159.	1.2	65
22	Photocatalytic mineralization of nitrogen-containing benzene derivatives. <i>Catalysis Today</i> , 1997, 39, 187-195.	2.2	63
23	Toxicological findings in a fatal multidrug intoxication involving mephedrone. <i>Forensic Science International</i> , 2014, 243, 68-73.	1.3	61
24	Application of mass spectrometry to hair analysis for forensic toxicological investigations. <i>Mass Spectrometry Reviews</i> , 2013, 32, 312-332.	2.8	60
25	The Formation and Self-Assembly of Long Prebiotic Oligomers Produced by the Condensation of Unactivated Amino Acids on Oxide Surfaces. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4671-4674.	7.2	60
26	Photocatalytic Degradation of Carbaryl in Aqueous Solutions Containing TiO ₂ Suspensions. <i>Environmental Science & Technology</i> , 1997, 31, 3126-3131.	4.6	58
27	Photocatalytic degradation of naphthalene in aqueous TiO ₂ dispersions: Effect of nonionic surfactants. <i>Chemosphere</i> , 1998, 36, 1523-1542.	4.2	58
28	A fast liquid chromatography-tandem mass spectrometry method for determining benzodiazepines and analogues in urine. Validation and application to real cases of forensic interest. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 582-591.	1.4	58
29	Photocatalytic interconversion of nitrogen-containing benzene derivatives. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 1993-2000.	1.7	56
30	Photocatalytic transformation of sulfonylurea herbicides over irradiated titanium dioxide particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 151, 329-338.	2.3	56
31	Formation of nitrophenols upon UV irradiation of phenol and nitrate in aqueous solutions and in TiO ₂ aqueous suspensions. <i>Chemosphere</i> , 2001, 44, 237-248.	4.2	55
32	Identification of polydimethylsiloxane lubricant traces from latex condoms in cases of sexual assault. <i>Journal - Forensic Science Society</i> , 1994, 34, 245-256.	0.3	53
33	High-speed gas chromatography in doping control: Fast-GC and fast-GC/MS determination of β -adrenoceptor ligands and diuretics. <i>Journal of Separation Science</i> , 2006, 29, 2765-2771.	1.3	51
34	Effects of low-dose dexamethasone and prednisolone long term administration in beef calf: Chemical and morphological investigation. <i>Analytica Chimica Acta</i> , 2011, 700, 95-104.	2.6	50
35	Investigation of the degradation of cresols in the treatments with ozone. <i>Water Research</i> , 2012, 46, 2795-2804.	5.3	49
36	Detection of Fentanyl Analogs and Synthetic Opioids in Real Hair Samples. <i>Journal of Analytical Toxicology</i> , 2019, 43, 259-265.	1.7	47

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37	Chemometric evaluation of nine alcohol biomarkers in a large population of clinically-classified subjects: pre-eminence of ethyl glucuronide concentration in hair for confirmatory classification. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 2153-2164.	1.9	46
38	Fate of aromatic sulfonates in fluvial environment. <i>Chemosphere</i> , 1997, 35, 2295-2305.	4.2	45
39	Hair analysis of drugs involved in drug-facilitated sexual assault and detection of zolpidem in a suspected case. <i>International Journal of Legal Medicine</i> , 2012, 126, 451-459.	1.2	44
40	DNA mixtures interpretation "A proof-of-concept multi-software comparison highlighting different probabilistic methods" performances on challenging samples. <i>Forensic Science International: Genetics</i> , 2018, 37, 143-150.	1.6	44
41	Host-guest chemistry in the gas phase and at the gas-solid interface: Fundamental aspects and practical applications. <i>Pure and Applied Chemistry</i> , 1995, 67, 1075-1084.	0.9	43
42	Molecular recognition in the gas phase. <i>Pure and Applied Chemistry</i> , 1993, 65, 1507-1512.	0.9	42
43	Gas-phase interactions of calixarene- and resorcinarene-cavitands with molecular guests studied by mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2002, 214, 23-36.	0.7	42
44	A study of distribution of ethyl glucuronide in different keratin matrices. <i>Forensic Science International</i> , 2011, 210, 271-277.	1.3	42
45	Role of LC-MS/MS in hair testing for the determination of common drugs of abuse and other psychoactive drugs. <i>Bioanalysis</i> , 2013, 5, 1919-1938.	0.6	42
46	Gas-Phase Ion-Molecule Reactions between a Series of Protonated Diastereomeric Cavitands and Neutral Amines Studied by ESI-FTICRMS: Gas-Phase Inclusion Complex Formation. <i>Journal of the American Chemical Society</i> , 2000, 122, 10090-10100.	6.6	41
47	On-site identification of psychoactive drugs by portable Raman spectroscopy during drug-checking service in electronic music events. <i>Drug and Alcohol Review</i> , 2019, 38, 50-56.	1.1	41
48	Gas-phase complexation of neutral molecules by upper rim bridged calix[4]arenes. <i>Tetrahedron</i> , 1995, 51, 599-606.	1.0	40
49	Photocatalyzed transformation of nitrobenzene on TiO ₂ and ZnO. <i>Chemosphere</i> , 1994, 28, 1229-1244.	4.2	38
50	Study of Dexamethasone Urinary Excretion Profile in Cattle by LC-MS/MS: Comparison between Therapeutic and Growth-Promoting Administration. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 1299-1306.	2.4	38
51	Determination of ethyl glucuronide levels in hair for the assessment of alcohol abstinence. <i>Forensic Science International</i> , 2013, 232, 229-236.	1.3	38
52	Simultaneous determination of β -agonists in human urine by fast-gas chromatography/mass spectrometry: method validation and clinical application. <i>Biomedical Chromatography</i> , 2010, 24, 358-366.	0.8	35
53	Direct Synthesis of Amides from Carboxylic Acids and Amines by Using Heterogeneous Catalysts: Evidence of Surface Carboxylates as Activated Electrophilic Species. <i>ChemCatChem</i> , 2013, 5, 2832-2834.	1.8	34
54	Analytical Approaches in Fatal Intoxication Cases Involving New Synthetic Opioids. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 113-123.	0.9	34

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55	Angular dependence of internal energy distributions of activated Fe(CO) ₅ and W(CO) ₆ ions. The contributions of vibrational and electronic excitation mechanisms in kiloelectron volt collisions. <i>Journal of the American Chemical Society</i> , 1990, 112, 119-126.	6.6	33
56	Sensitivity and Specificity of EtG in Hair as a Marker of Chronic Excessive Drinking. <i>Therapeutic Drug Monitoring</i> , 2014, 36, 560-575.	1.0	33
57	Determination of trace amounts of highly hydrophilic compounds in water by direct derivatization and gas chromatography-mass spectrometry. <i>Fresenius' Journal of Analytical Chemistry</i> , 1994, 350, 403-409.	1.5	32
58	Host-guest complexation in the gas phase. Investigation of the mechanism of interaction between cavitands and neutral guest molecules. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1995, , 1069-1076.	0.9	32
59	Determination by LC-MS/MS of Colistins A and B in Plasma and Ultrafiltrate From Critically Ill Patients Undergoing Continuous Venovenous Hemodiafiltration. <i>Therapeutic Drug Monitoring</i> , 2014, 36, 182-191.	1.0	32
60	Testing hair for fentanyl exposure: a method to inform harm reduction behavior among individuals who use heroin. <i>American Journal of Drug and Alcohol Abuse</i> , 2019, 45, 90-96.	1.1	31
61	Cobalt-catalyzed low pressure double carbonylation of aryl and secondary benzyl halides. <i>Journal of Organometallic Chemistry</i> , 1986, 301, C27-C30.	0.8	30
62	Labile hydrogen counting in biomolecules using deuterated reagents in desorption chemical ionization and fast atom bombardment mass spectrometry. <i>Analytical Chemistry</i> , 1992, 64, 204-210.	3.2	30
63	Degradation pathways of atrazine under solar light and in the presence of TiO ₂ colloidal particles. <i>Science of the Total Environment</i> , 1992, 123-124, 161-169.	3.9	29
64	Labeling of Proteins by a Triosmium Carbonyl Cluster via a Bolton-Hunter-like Procedure. <i>Organometallics</i> , 1996, 15, 3037-3041.	1.1	29
65	Diastereoselective Formation of Host-Guest Complexes between a Series of Phosphate-Bridged Cavitands and Alkyl- and Arylammonium Ions Studied by Liquid Secondary-Ion Mass Spectrometry. <i>Chemistry - A European Journal</i> , 2001, 7, 2034-2042.	1.7	29
66	Detection of Nitro-Substituted Polycyclic Aromatic Hydrocarbons in the Antarctic Airborne Particulate. <i>International Journal of Environmental Analytical Chemistry</i> , 2001, 79, 257-272.	1.8	29
67	Commentary on current changes of the SoHT 2016 consensus on alcohol markers in hair and further background information. <i>Forensic Science International</i> , 2017, 278, 326-333.	1.3	29
68	Effective validation of chromatographic analytical methods: The illustrative case of androgenic steroids. <i>Talanta</i> , 2020, 215, 120867.	2.9	29
69	Determination of pharmaceutical and illicit drugs in oral fluid by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 927, 133-141.	1.2	28
70	Identification of invisible biological traces in forensic evidences by hyperspectral NIR imaging combined with chemometrics. <i>Talanta</i> , 2020, 215, 120911.	2.9	28
71	Formation of N-(2-Hydroxyethyl)valine Due to Exposure to Ethylene Oxide via Tobacco Smoke: A Risk Factor for Onset of Cancer. <i>Environmental Research</i> , 1999, 81, 62-71.	3.7	27
72	Development of a GC-MS method for methamphetamine detection in <i>Calliphora vomitoria</i> L. (Diptera: Tj ETQq0,0,0 rgBT /Q Overlock 1	1.3	27

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73	Energetics of retro-Diels-Alder fragmentation in limonene as characterized by surface-induced dissociation, and energy- and angle-resolved mass spectrometry. <i>Organic Mass Spectrometry</i> , 1988, 23, 585-593.	1.3	26
74	Determination of molecular weight distributions of polymers by desorption chemical ionization mass spectrometry. <i>Analytical Chemistry</i> , 1992, 64, 1879-1884.	3.2	26
75	Sub-parts-per-billion determination of nitro-substituted polynuclear aromatic hydrocarbons in airborne particulate matter and soil by electron capture ³⁵ Tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 1996, 7, 1255-1265.	1.2	25
76	Fast screening of 88 pharmaceutical drugs and metabolites in whole blood by ultrahigh-performance liquid chromatography ⁴⁶ tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 863-879.	1.9	25
77	Oxidative stress in adolescent passive smokers living in urban and rural environments. <i>International Journal of Hygiene and Environmental Health</i> , 2014, 217, 287-293.	2.1	25
78	Toward a novel framework for bloodstains dating by Raman spectroscopy: How to avoid sample photodamage and subsampling errors. <i>Talanta</i> , 2020, 209, 120565.	2.9	25
79	Shell closures of tetrabenzyl chloride cavitands with tetrabenzylthiol cavitands provide carceplexes in which one or two guest molecules are incarcerated. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1403.	2.0	23
80	Application of the novel 5-chloro-2,2,3,3,4,4,5,5-octafluoro-1-pentyl chloroformate derivatizing agent for the direct determination of highly polar water disinfection byproducts. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 43-54.	1.9	23
81	Formaldehyde and tobacco smoke as alkylating agents: The formation of N-methylvaline in pathologists and in plastic laminate workers. <i>Science of the Total Environment</i> , 2012, 414, 701-707.	3.9	23
82	Effects of various sample pretreatment procedures on ethyl glucuronide quantification in hair samples: Comparison of positivity rates and appraisal of cut-off values. <i>Forensic Science International</i> , 2016, 267, 60-65.	1.3	23
83	Chromium, nickel, and cobalt in cosmetic matrices: an integrated bioanalytical characterization through total content, bioaccessibility, and Cr(III)/Cr(VI) speciation. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6831-6841.	1.9	23
84	First Case in Italy of Fatal Intoxication Involving the New Opioid U-47700. <i>Frontiers in Pharmacology</i> , 2018, 9, 747.	1.6	23
85	Targeted and untargeted detection of fentanyl analogues and their metabolites in hair by means of UHPLC-QTOF-HRMS. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 225-233.	1.9	23
86	Determination of cannabinoids in urine, oral fluid and hair samples after repeated intake of CBD-rich cannabis by smoking. <i>Forensic Science International</i> , 2021, 318, 110561.	1.3	23
87	Improved procedure for n-hexyl chloroformate-mediated derivatization of highly hydrophilic substances directly in water: hydroxyaminic compounds. <i>Journal of Chromatography A</i> , 1998, 793, 307-316.	1.8	21
88	The first organometallic derivative of 11 β -ethynylestradiol, a potential high-affinity marker for the estrogen receptor. <i>Journal of Organometallic Chemistry</i> , 2000, 596, 242-247.	0.8	21
89	Aromatic photonitration in homogeneous and heterogeneous aqueous systems. <i>Environmental Science and Pollution Research</i> , 2003, 10, 321-324.	2.7	21
90	Photoinduced halophenol formation in the presence of iron(III) species or cadmium sulfide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 170, 61-67.	2.0	21

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91	Cotinine and N-(2-hydroxyethyl)valine as markers of passive exposure to tobacco smoke in children. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005, 15, 66-73.	1.8	21
92	Cut-off proposal for the detection of ketamine in hair. <i>Forensic Science International</i> , 2015, 248, 119-123.	1.3	21
93	Ultratrace determination of highly hydrophilic compounds by 2,2,3,3,4,4,5,5-octafluoropentyl chloroformate-mediated derivatization directly in water. <i>Journal of the American Society for Mass Spectrometry</i> , 1999, 10, 1328-1336.	1.2	20
94	A field survey on the presence of prednisolone and prednisone in urine samples from untreated cows. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 1893-1900.	1.1	20
95	Evaluation of direct and indirect ethanol biomarkers using a likelihood ratio approach to identify chronic alcohol abusers for forensic purposes. <i>Forensic Science International</i> , 2017, 271, 13-22.	1.3	20
96	Determination of several synthetic cathinones and an amphetamine-like compound in urine by gas chromatography with mass spectrometry. Method validation and application to real cases. <i>Journal of Separation Science</i> , 2019, 42, 1577-1584.	1.3	20
97	Rapid determination of anti-estrogens by gas chromatography/mass spectrometry in urine: Method validation and application to real samples. <i>Journal of Pharmaceutical Analysis</i> , 2012, 2, 1-11.	2.4	19
98	Multivariate strategies for screening evaluation of harmful drinking. <i>Bioanalysis</i> , 2013, 5, 687-699.	0.6	19
99	<i>In vitro</i> Metabolism Studies on the Selective Androgen Receptor Modulator LG121071 and its Implementation into Human Doping Controls Using Liquid Chromatography-Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 27-36.	0.5	19
100	Development and validation of a GC-MS method for nicotine detection in <i>Calliphora vomitoria</i> (L.) (Diptera: Calliphoridae). <i>Forensic Science International</i> , 2016, 261, 53-60.	1.3	19
101	Study of cocaine incorporation in hair damaged by cosmetic treatments. <i>Forensic Chemistry</i> , 2017, 3, 69-73.	1.7	19
102	Furosemide as a functional marker of acute kidney injury in ICU patients: a new role for an old drug. <i>Journal of Nephrology</i> , 2019, 32, 883-893.	0.9	19
103	Ion/surface collisions which lead to charge permutation. <i>Rapid Communications in Mass Spectrometry</i> , 1987, 1, 92-94.	0.7	18
104	Anaerobic Degradation of Acifluorfen by Different Enrichment Cultures. <i>Journal of Agricultural and Food Chemistry</i> , 1994, 42, 1232-1236.	2.4	18
105	Comparison of highly-fluorinated chloroformates as direct aqueous sample derivatizing agents for hydrophilic analytes and drinking-water disinfection by-products. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 803-813.	1.2	18
106	Microbial metabolism of fenoxaprop-ethyl. <i>Pest Management Science</i> , 1995, 44, 299-303.	0.7	17
107	Fit-for-purpose in veterinary drug residue analysis: Development and validation of an LC-MS/MS method for the screening of thirty illicit drugs in bovine urine. <i>Journal of Separation Science</i> , 2012, 35, 400-409.	1.3	17
108	Determination of plasma tocopherols by high-performance liquid chromatography with coulometric detection. <i>Biomedical Applications</i> , 1993, 620, 268-272.	1.7	16

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109	Characterization of perfluoropolyethers by desorption chemical ionization and tandem mass spectrometry. <i>Analytical Chemistry</i> , 1993, 65, 970-975.	3.2	15
110	Tobacco Smoke and Formation of N-(2-Hydroxyethyl)Valine in Human Hemoglobin. <i>Archives of Environmental Health</i> , 2002, 57, 416-421.	0.4	15
111	Natural origin of ascorbic acid: Validation by ¹³ C NMR and IRMS. <i>Food Chemistry</i> , 2009, 112, 715-720.	4.2	15
112	Determination of prednisolone metabolites in beef cattle. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 1044-1054.	1.1	15
113	Interpretation of group-level factors from a large population dataset in the determination of ethyl glucuronide in hair. <i>Drug Testing and Analysis</i> , 2015, 7, 407-413.	1.6	15
114	Efficient removal of colistin A and B in critically ill patients undergoing CVVHDF and sorbent technologies. <i>Journal of Nephrology</i> , 2015, 28, 623-631.	0.9	15
115	Untargeted Metabolomic Profile for the Detection of Prostate Carcinoma—Preliminary Results from PARAFAC2 and PLS-DA Models. <i>Molecules</i> , 2019, 24, 3063.	1.7	15
116	The functional relationship scan in tandem mass spectrometry. <i>Organic Mass Spectrometry</i> , 1988, 23, 579-584.	1.3	14
117	Determination of hydroxycarbamates in aqueous matrices by direct derivatization and GC-MS analysis in chemical ionization mode. <i>Journal of High Resolution Chromatography</i> , 1995, 18, 359-362.	2.0	14
118	N-Methylvaline in a group of subjects occupationally exposed to formaldehyde. <i>Toxicology Letters</i> , 2006, 161, 10-17.	0.4	14
119	A Fatal Case of Simultaneous Ingestion of Mirtazapine, Escitalopram, and Valproic Acid. <i>Journal of Analytical Toxicology</i> , 2011, 35, 519-523.	1.7	14
120	Development, validation and application to real samples of a multiresidue LC-MS/MS method for determination of β -agonists and anabolic steroids in bovine hair. <i>Journal of Mass Spectrometry</i> , 2014, 49, 936-946.	0.7	14
121	Occupational Exposure to Alcohol-Based Hand Sanitizers: The Diagnostic Role of Alcohol Biomarkers in Hair. <i>Journal of Analytical Toxicology</i> , 2018, 42, 157-162.	1.7	14
122	Development and validation of a Partial Least Squares-Discriminant Analysis (PLS-DA) model based on the determination of ethyl glucuronide (EtG) and fatty acid ethyl esters (FAEEs) in hair for the diagnosis of chronic alcohol abuse. <i>Forensic Science International</i> , 2018, 282, 221-230.	1.3	14
123	A multivariate statistical approach for the estimation of the ethnic origin of unknown genetic profiles in forensic genetics. <i>Forensic Science International: Genetics</i> , 2020, 45, 102209.	1.6	14
124	The renaissance of desorption chemical ionization mass spectrometry: characterization of large involatile molecules and nonpolar polymers. <i>International Journal of Mass Spectrometry</i> , 2001, 212, 505-518.	0.7	13
125	Validation of a GC/MS method for the detection of two quinolinone-derived selective androgen receptor modulators in doping control analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 137-144.	1.9	13
126	A Case of Nonfatal Intoxication Associated with the Recreational use of Diphenidine. <i>Journal of Forensic Sciences</i> , 2017, 62, 1107-1111.	0.9	13

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127	Interpretation of NPS results in real hair samples. <i>Toxicologie Analytique Et Clinique</i> , 2017, 29, 4-10.	0.1	13
128	Systematic optimisation of ethyl glucuronide extraction conditions from scalp hair by design of experiments and its potential effect on cut-off values appraisal. <i>Drug Testing and Analysis</i> , 2018, 10, 1394-1403.	1.6	13
129	Hair analysis can provide additional information in doping and forensic cases involving clostebol. <i>Drug Testing and Analysis</i> , 2019, 11, 95-101.	1.6	13
130	Stabilization of Carbenium Ions Derived from Ethynylestradiol by Different Adjacent Organometallic Moieties. Implication in the Inactivation of the Estrogen Receptor. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 491-497.	1.0	12
131	Synthesis of Highly Fluorinated Chloroformates and Their Use as Derivatizing Agents for Hydrophilic Compounds and Drinking-Water-Disinfection By-Products. <i>Helvetica Chimica Acta</i> , 2004, 87, 370-375.	1.0	12
132	Evidence of Haldol (haloperidol) long-term intoxication. <i>Forensic Science International</i> , 2012, 215, 121-123.	1.3	12
133	Application of multivariate statistics to the Steroidal Module of the Athlete Biological Passport: A proof of concept study. <i>Analytica Chimica Acta</i> , 2016, 922, 19-29.	2.6	12
134	Toward the Interpretation of Positive Testing for Fentanyl and Its Analogs in Real Hair Samples: Preliminary Considerations. <i>Journal of Analytical Toxicology</i> , 2020, 44, 362-369.	1.7	12
135	Profile of the urinary excretion of prednisolone and its metabolites in finishing bulls and cows treated with a therapeutic schedule. <i>BMC Veterinary Research</i> , 2014, 10, 237.	0.7	11
136	Hair Analysis for Long-Term Monitoring of Buprenorphine Intake in Opiate Withdrawal. <i>Therapeutic Drug Monitoring</i> , 2014, 36, 796-807.	1.0	11
137	An alternative application of the consensus method to DNA typing interpretation for Low Template-DNA mixtures. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e422-e424.	0.1	11
138	Experimental and statistical protocol for the effective validation of chromatographic analytical methods. <i>MethodsX</i> , 2020, 7, 100919.	0.7	11
139	Distribution of Chloralose in a Fatal Intoxication. <i>Journal of Analytical Toxicology</i> , 2012, 36, 452-456.	1.7	10
140	Evaluation of DNA typing as a positive identification method for soft and hard tissues immersed in strong acids. <i>Legal Medicine</i> , 2015, 17, 569-575.	0.6	10
141	Optimized splitless injection of hydroxylated PCBs by pressure pulse programming. <i>Journal of High Resolution Chromatography</i> , 1995, 18, 490-494.	2.0	9
142	Development and validation of an UHPLC-MS/MS method for β -agonists quantification in human urine and application to clinical samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 15-24.	1.4	9
143	Correlation between chronological and physiological age of males from their multivariate urinary endogenous steroid profile and prostatic carcinoma-induced deviation. <i>Steroids</i> , 2018, 139, 10-17.	0.8	9
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