

# Marco Vincenti

## List of Publications by Citations

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189  
papers

4,495  
citations

38  
h-index

55  
g-index

202  
ext. papers

4,901  
ext. citations

4.6  
avg, IF

5.5  
L-index

#	Paper	IF	Citations
189	Determination of double-bond position in diunsaturated compounds by mass spectrometry of dimethyl disulfide derivatives. <i>Analytical Chemistry</i> , <b>1987</b> , 59, 694-699	7.8	159
188	Photocatalytic degradation of Monuron in aqueous titanium dioxide dispersions. <i>Environmental Science &amp; Technology</i> , <b>1993</b> , 27, 1790-1795	10.3	114
187	Special feature: Perspective. Host-guest chemistry in the mass spectrometer. <i>Journal of Mass Spectrometry</i> , <b>1995</b> , 30, 925-939	2.2	107
186	Host-guest complexation. 55. Guest capture during shell closure. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 2167-2172	16.4	100
185	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> , <b>2012</b> , 47, 604-10	2.2	95
184	Detection of "bath salts" and other novel psychoactive substances in hair samples of ecstasy/MDMA/"Molly" users. <i>Drug and Alcohol Dependence</i> , <b>2016</b> , 161, 200-5	4.9	90
183	Formation of Condensation Products in Advanced Oxidation Technologies: The Photocatalytic Degradation of Dichlorophenols on TiO <sub>2</sub> . <i>Environmental Science &amp; Technology</i> , <b>1995</b> , 29, 2226-34	10.3	81
182	Light-assisted 1,4-dioxane degradation. <i>Chemosphere</i> , <b>1997</b> , 35, 2675-2688	8.4	80
181	Photocatalytic and photolytic transformation of chloramben in aqueous solutions. <i>Applied Catalysis B: Environmental</i> , <b>1999</b> , 22, 149-158	21.8	79
180	Determination of cathinones and other stimulant, psychedelic, and dissociative designer drugs in real hair samples. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 2035-42	4.4	78
179	Phototransformations of nitrogen containing organic compounds over irradiated semiconductor metal oxides. <i>Coordination Chemistry Reviews</i> , <b>1993</b> , 125, 183-193	23.2	73
178	Sunlight photodegradation of 2,4,5-trichlorophenoxy-acetic acid and 2,4,5-trichlorophenol on TiO <sub>2</sub> . Identification of intermediates and degradation pathway. <i>Chemosphere</i> , <b>1987</b> , 16, 1165-1179	8.4	71
177	Fast gas chromatographic/mass spectrometric determination of diuretics and masking agents in human urine: Development and validation of a productive screening protocol for antidoping analysis. <i>Journal of Chromatography A</i> , <b>2006</b> , 1135, 219-29	4.5	68
176	Desorption due to charge exchange in low-energy collisions of organofluorine ions at solid surfaces. <i>Organic Mass Spectrometry</i> , <b>1988</b> , 23, 317-326		66
175	Host-guest complexation in the gas phase by desorption chemical ionization mass spectrometry. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 445-447	16.4	64
174	Direct drug analysis from oral fluid using medical swab touch spray mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2015</b> , 861, 47-54	6.6	62
173	Hair analysis as a tool to evaluate the prevalence of synthetic cannabinoids in different populations of drug consumers. <i>Drug Testing and Analysis</i> , <b>2014</b> , 6, 126-34	3.5	58

172	Identification of photocatalytic degradation pathways of 2-Cl-s-triazine herbicides and detection of their decomposition intermediates. <i>Chemosphere</i> , <b>1992</b> , 24, 891-910	8.4	58
171	Hair Testing for Drugs of Abuse and New Psychoactive Substances in a High-Risk Population. <i>Journal of Analytical Toxicology</i> , <b>2017</b> , 41, 376-381	2.9	55
170	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> , <b>2017</b> , 48, 91-98	5.5	55
169	Photocatalytic degradation of naphthalene in aqueous TiO <sub>2</sub> dispersions: Effect of nonionic surfactants. <i>Chemosphere</i> , <b>1998</b> , 36, 1523-1542	8.4	54
168	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> , <b>2012</b> , 899, 154-9	3.2	53
167	Photocatalytic mineralization of nitrogen-containing benzene derivatives. <i>Catalysis Today</i> , <b>1997</b> , 39, 187-195	5.195	53
166	Toxicological findings in a fatal multidrug intoxication involving mephedrone. <i>Forensic Science International</i> , <b>2014</b> , 243, 68-73	2.6	51
165	Application of mass spectrometry to hair analysis for forensic toxicological investigations. <i>Mass Spectrometry Reviews</i> , <b>2013</b> , 32, 312-32	11	51
164	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> , <b>2014</b> , 53, 4671-4	16.4	50
163	Photocatalytic interconversion of nitrogen-containing benzenederivatives. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1997</b> , 93, 1993-2000		48
162	High-speed gas chromatography in doping control: fast-GC and fast-GC/MS determination of beta-adrenoceptor ligands and diuretics. <i>Journal of Separation Science</i> , <b>2006</b> , 29, 2765-71	3.4	47
161	Photocatalytic Degradation of Carbaryl in Aqueous Solutions Containing TiO <sub>2</sub> Suspensions. <i>Environmental Science &amp; Technology</i> , <b>1997</b> , 31, 3126-3131	10.3	45
160	Formation of nitrophenols upon UV irradiation of phenol and nitrate in aqueous solutions and in TiO <sub>2</sub> aqueous suspensions. <i>Chemosphere</i> , <b>2001</b> , 44, 237-48	8.4	45
159	Identification of polydimethylsiloxane lubricant traces from latex condoms in cases of sexual assault. <i>Journal - Forensic Science Society</i> , <b>1994</b> , 34, 245-56		45
158	Effects of low-dose dexamethasone and prednisolone long term administration in beef calf: chemical and morphological investigation. <i>Analytica Chimica Acta</i> , <b>2011</b> , 700, 95-104	6.6	44
157	Photocatalytic transformation of sulfonylurea herbicides over irradiated titanium dioxide particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1999</b> , 151, 329-338	5.1	44
156	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> , <b>2011</b> , 401, 2153-64	4.4	43
155	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> , <b>2011</b> , 56, 582-91	3.5	42

154	Fate of aromatic sulfonates in fluvial environment. <i>Chemosphere</i> , <b>1997</b> , 35, 2295-2305	8.4	40
153	Host-guest chemistry in the gas phase and at the gas-solid interface: Fundamental aspects and practical applications. <i>Pure and Applied Chemistry</i> , <b>1995</b> , 67, 1075-1084	2.1	40
152	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> , <b>2012</b> , 126, 451-9	3.1	39
151	A study of distribution of ethyl glucuronide in different keratin matrices. <i>Forensic Science International</i> , <b>2011</b> , 210, 271-7	2.6	38
150	Role of LC-MS/MS in hair testing for the determination of common drugs of abuse and other psychoactive drugs. <i>Bioanalysis</i> , <b>2013</b> , 5, 1919-38	2.1	37
149	Investigation of the degradation of cresols in the treatments with ozone. <i>Water Research</i> , <b>2012</b> , 46, 2795-804	5.9	36
148	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> , <b>2009</b> , 57, 1299-306	5.7	34
147	Gas-phase interactions of calixarene- and resorcinarene-cavitands with molecular guests studied by mass spectrometry. <i>International Journal of Mass Spectrometry</i> , <b>2002</b> , 214, 23-36	1.9	34
146	Gas-phase complexation of neutral molecules by upper rim bridged calix[4]arenes. <i>Tetrahedron</i> , <b>1995</b> , 51, 599-606	2.4	34
145	Molecular recognition in the gas phase. <i>Pure and Applied Chemistry</i> , <b>1993</b> , 65, 1507-1512	2.1	34
144	Determination of ethyl glucuronide levels in hair for the assessment of alcohol abstinence. <i>Forensic Science International</i> , <b>2013</b> , 232, 229-36	2.6	33
143	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> , <b>2000</b> , 122, 10090-10100	16.4	33
142	Simultaneous determination of beta2-agonists in human urine by fast-gas chromatography/mass spectrometry: method validation and clinical application. <i>Biomedical Chromatography</i> , <b>2010</b> , 24, 358-66	1.7	32
141	Detection of Fentanyl Analogs and Synthetic Opioids in Real Hair Samples. <i>Journal of Analytical Toxicology</i> , <b>2019</b> , 43, 259-265	2.9	31
140	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> , <b>1994</b> , 350, 403-409		30
139	Photocatalyzed transformation of nitrobenzene on TiO <sub>2</sub> and ZnO. <i>Chemosphere</i> , <b>1994</b> , 28, 1229-1244	8.4	30
138	Sensitivity and specificity of EtG in hair as a marker of chronic excessive drinking: pooled analysis of raw data and meta-analysis of diagnostic accuracy studies. <i>Therapeutic Drug Monitoring</i> , <b>2014</b> , 36, 560-75 <sup>2</sup>	3.2	29
137	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> , <b>1995</b> , 1069-1076		29

136	DNA mixtures interpretation - A proof-of-concept multi-software comparison highlighting different probabilistic methods performances on challenging samples. <i>Forensic Science International: Genetics</i> , <b>2018</b> , 37, 143-150	4.3	27
135	Determination by LC-MS/MS of colistin A and B in plasma and ultrafiltrate from critically ill patients undergoing continuous venovenous hemodiafiltration. <i>Therapeutic Drug Monitoring</i> , <b>2014</b> , 36, 182-91	3.2	27
134	Direct Synthesis of Amides from Carboxylic Acids and Amines by Using Heterogeneous Catalysts: Evidence of Surface Carboxylates as Activated Electrophilic Species. <i>ChemCatChem</i> , <b>2013</b> , 5, 2832-2834	5.2	27
133	Labeling of Proteins by a Triosmium Carbonyl Cluster via a Bolton-Bunter-like Procedure. <i>Organometallics</i> , <b>1996</b> , 15, 3037-3041	3.8	27
132	Angular dependence of internal energy distributions of activated Fe(CO) <sub>5</sub> and W(CO) <sub>6</sub> ions. The contributions of vibrational and electronic excitation mechanisms in kiloelectron volt collisions. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 119-126	16.4	27
131	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> , <b>2001</b> , 7, 2034-42	4.8	26
130	Labile hydrogen counting in biomolecules using deuterated reagents in desorption chemical ionization and fast atom bombardment mass spectrometry. <i>Analytical Chemistry</i> , <b>1992</b> , 64, 204-210	7.8	26
129	Cobalt-catalyzed low pressure double carbonylation of aryl and secondary benzyl halides. <i>Journal of Organometallic Chemistry</i> , <b>1986</b> , 301, C27-C30	2.3	26
128	Detection of Nitro-Substituted Polycyclic Aromatic Hydrocarbons in the Antarctic Airborne Particulate. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2001</b> , 79, 257-272	1.8	24
127	Degradation pathways of atrazine under solar light and in the presence of TiO <sub>2</sub> colloidal particles. <i>Science of the Total Environment</i> , <b>1992</b> , 123-124, 161-169	10.2	24
126	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> , <b>2019</b> , 45, 90-96	3.7	24
125	On-site identification of psychoactive drugs by portable Raman spectroscopy during drug-checking service in electronic music events. <i>Drug and Alcohol Review</i> , <b>2019</b> , 38, 50-56	3.2	24
124	Commentary on current changes of the SoHT 2016 consensus on alcohol markers in hair and further background information. <i>Forensic Science International</i> , <b>2017</b> , 278, 326-333	2.6	23
123	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> , <b>2013</b> , 927, 133-41	3.2	23
122	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> , <b>1988</b> , 23, 585-593		23
121	Fast screening of 88 pharmaceutical drugs and metabolites in whole blood by ultrahigh-performance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 863-79	4.4	22
120	Determination of molecular weight distributions of polymers by desorption chemical ionization mass spectrometry. <i>Analytical Chemistry</i> , <b>1992</b> , 64, 1879-1884	7.8	22
119	Analytical Approaches in Fatal Intoxication Cases Involving New Synthetic Opioids. <i>Current Pharmaceutical Biotechnology</i> , <b>2018</b> , 19, 113-123	2.6	22

118	Photoinduced halophenol formation in the presence of iron(III) species or cadmium sulfide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2005</b> , 170, 61-67	4.7	21
117	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> , <b>1999</b> , 81, 62-71	7.9	21
116	Sub-parts-per-billion determination of nitro-substituted polynuclear aromatic hydrocarbons in airborne particulate matter and soil by electron capture-Tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>1996</b> , 7, 1255-65	3.5	21
115	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> , <b>2016</b> , 267, 60-65	2.6	21
114	Oxidative stress in adolescent passive smokers living in urban and rural environments. <i>International Journal of Hygiene and Environmental Health</i> , <b>2014</b> , 217, 287-93	6.9	20
113	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> , <b>2012</b> , 414, 701-7	10.2	20
112	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> , <b>2010</b> , 397, 43-54	4.4	20
111	Effective validation of chromatographic analytical methods: The illustrative case of androgenic steroids. <i>Talanta</i> , <b>2020</b> , 215, 120867	6.2	19
110	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> , <b>1990</b> , 1403		19
109	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> , <b>2017</b> , 271, 13-22	2.6	18
108	First Case in Italy of Fatal Intoxication Involving the New Opioid U-47700. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 747	5.6	18
107	Development of a GC-MS method for methamphetamine detection in <i>Calliphora vomitoria</i> L. (Diptera: Calliphoridae). <i>Forensic Science International</i> , <b>2014</b> , 241, 96-101	2.6	18
106	Improved procedure for n-hexyl chloroformate-mediated derivatization of highly hydrophilic substances directly in water: hydroxyaminic compounds. <i>Journal of Chromatography A</i> , <b>1998</b> , 793, 307-316	4.5	18
105	Aromatic photonitration in homogeneous and heterogeneous aqueous systems. <i>Environmental Science and Pollution Research</i> , <b>2003</b> , 10, 321-4	5.1	18
104	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> , <b>2005</b> , 15, 66-73	6.7	18
103	Cut-off proposal for the detection of ketamine in hair. <i>Forensic Science International</i> , <b>2015</b> , 248, 119-23	2.6	17
102	Identification of invisible biological traces in forensic evidences by hyperspectral NIR imaging combined with chemometrics. <i>Talanta</i> , <b>2020</b> , 215, 120911	6.2	17
101	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> , <b>2012</b> , 29, 1893-900	3.2	17



100	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> , <b>2005</b> , 16, 803-13	3.5	17
99	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> , <b>1999</b> , 10, 1328-1336	3.5	17
98	Anaerobic Degradation of Acifluorfen by Different Enrichment Cultures. <i>Journal of Agricultural and Food Chemistry</i> , <b>1994</b> , 42, 1232-1236	5.7	17
97	In vitro metabolism studies on the selective androgen receptor modulator (SARM) LG121071 and its implementation into human doping controls using liquid chromatography-mass spectrometry. <i>European Journal of Mass Spectrometry</i> , <b>2015</b> , 21, 27-36	1.1	16
96	The first organometallic derivative of 11 $\beta$ -ethynylestradiol, a potential high-affinity marker for the estrogen receptor. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 596, 242-247	2.3	16
95	Microbial metabolism of fenoxaprop-ethyl. <i>Pest Management Science</i> , <b>1995</b> , 44, 299-303		16
94	Ion/surface collisions which lead to charge permutation. <i>Rapid Communications in Mass Spectrometry</i> , <b>1987</b> , 1, 92-94	2.2	16
93	Multivariate strategies for screening evaluation of harmful drinking. <i>Bioanalysis</i> , <b>2013</b> , 5, 687-99	2.1	15
92	Development and validation of a GC-MS method for nicotine detection in <i>Calliphora vomitoria</i> (L.) (Diptera: Calliphoridae). <i>Forensic Science International</i> , <b>2016</b> , 261, 53-60	2.6	14
91	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> , <b>2012</b> , 35, 400-9	3.4	14
90	Determination of prednisolone metabolites in beef cattle. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2013</b> , 30, 1044-54	3.2	14
89	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> , <b>2019</b> , 42, 1577-1584	3.4	14
88	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> , <b>2017</b> , 409, 6831-6841	4.4	13
87	Efficient removal of colistin A and B in critically ill patients undergoing CVVHDF and sorbent technologies. <i>Journal of Nephrology</i> , <b>2015</b> , 28, 623-31	4.8	13
86	Development, validation and application to real samples of a multiresidue LC-MS/MS method for determination of $\beta$ -agonists and anabolic steroids in bovine hair. <i>Journal of Mass Spectrometry</i> , <b>2014</b> , 49, 936-46	2.2	13
85	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> , <b>2012</b> , 2, 1-11	14	13
84	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> , <b>2011</b> , 400, 137-44	4.4	13
83	A fatal case of simultaneous ingestion of mirtazapine, escitalopram, and valproic acid. <i>Journal of Analytical Toxicology</i> , <b>2011</b> , 35, 519-23	2.9	13

82	N-Methylvaline in a group of subjects occupationally exposed to formaldehyde. <i>Toxicology Letters</i> , <b>2006</b> , 161, 10-7	4.4	13
81	Characterization of perfluoropolyethers by desorption chemical ionization and tandem mass spectrometry. <i>Analytical Chemistry</i> , <b>1993</b> , 65, 970-975	7.8	13
80	Determination of hydroxycarbamates in aqueous matrices by direct derivatization and GC-MS analysis in chemical ionization mode. <i>Journal of High Resolution Chromatography</i> , <b>1995</b> , 18, 359-362		13
79	Toward a novel framework for bloodstains dating by Raman spectroscopy: How to avoid sample photodamage and subsampling errors. <i>Talanta</i> , <b>2020</b> , 209, 120565	6.2	13
78	Interpretation of NPS results in real hair samples. <i>Toxicologie Analytique Et Clinique</i> , <b>2017</b> , 29, 4-10	0.4	12
77	Furosemide as a functional marker of acute kidney injury in ICU patients: a new role for an old drug. <i>Journal of Nephrology</i> , <b>2019</b> , 32, 883-893	4.8	12
76	The Formation and Self-Assembly of Long Prebiotic Oligomers Produced by the Condensation of Unactivated Amino Acids on Oxide Surfaces. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4759-4762	3.6	12
75	Interpretation of group-level factors from a large population dataset in the determination of ethyl glucuronide in hair. <i>Drug Testing and Analysis</i> , <b>2015</b> , 7, 407-13	3.5	12
74	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> , <b>2004</b> , 87, 370-375	2	12
73	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> , <b>2000</b> , 2000, 491-497	2.3	12
72	The functional relationship scan in tandem mass spectrometry. <i>Organic Mass Spectrometry</i> , <b>1988</b> , 23, 579-584		12
71	Application of multivariate statistics to the Steroidal Module of the Athlete Biological Passport: A proof of concept study. <i>Analytica Chimica Acta</i> , <b>2016</b> , 922, 19-29	6.6	12
70	A Case of Nonfatal Intoxication Associated with the Recreational use of Diphenidine. <i>Journal of Forensic Sciences</i> , <b>2017</b> , 62, 1107-1111	1.8	11
69	The renaissance of desorption chemical ionization mass spectrometry: characterization of large involatile molecules and nonpolar polymers. <i>International Journal of Mass Spectrometry</i> , <b>2001</b> , 212, 505-518	1.9	11
68	Tobacco smoke and formation of N-(2-hydroxyethyl)valine in human hemoglobin. <i>Archives of Environmental Health</i> , <b>2002</b> , 57, 416-21		11
67	Determination of plasma tocopherols by high-performance liquid chromatography with coulometric detection. <i>Biomedical Applications</i> , <b>1993</b> , 620, 268-72		11
66	Targeted and untargeted detection of fentanyl analogues and their metabolites in hair by means of UHPLC-QTOF-HRMS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 225-233	4.4	11
65	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> , <b>2018</b> , 282, 221-230	2.6	11



64	Occupational Exposure to Alcohol-Based Hand Sanitizers: The Diagnostic Role of Alcohol Biomarkers in Hair. <i>Journal of Analytical Toxicology</i> , <b>2018</b> , 42, 157-162	2.9	10
63	Hair analysis for long-term monitoring of buprenorphine intake in opiate withdrawal. <i>Therapeutic Drug Monitoring</i> , <b>2014</b> , 36, 796-807	3.2	10
62	Natural origin of ascorbic acid: Validation by <sup>13</sup> C NMR and IRMS. <i>Food Chemistry</i> , <b>2009</b> , 112, 715-720	8.5	10
61	Study of cocaine incorporation in hair damaged by cosmetic treatments. <i>Forensic Chemistry</i> , <b>2017</b> , 3, 69-73	2.8	9
60	Untargeted Metabolomic Profile for the Detection of Prostate Carcinoma-Preliminary Results from PARAFAC2 and PLS-DA Models. <i>Molecules</i> , <b>2019</b> , 24,	4.8	9
59	Hair analysis can provide additional information in doping and forensic cases involving clostebol. <i>Drug Testing and Analysis</i> , <b>2019</b> , 11, 95-101	3.5	9
58	Evidence of Haldol (haloperidol) long-term intoxication. <i>Forensic Science International</i> , <b>2012</b> , 215, 121-3	2.6	9
57	An alternative application of the consensus method to DNA typing interpretation for Low Template-DNA mixtures. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2015</b> , 5, e422-e424	0.5	8
56	Multivariate interpretation of the urinary steroid profile and training-induced modifications. The case study of a Marathon runner. <i>Drug Testing and Analysis</i> , <b>2019</b> , 11, 1556-1565	3.5	8
55	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> , <b>2014</b> , 10, 237	2.7	8
54	Toward the Interpretation of Positive Testing for Fentanyl and Its Analogs in Real Hair Samples: Preliminary Considerations. <i>Journal of Analytical Toxicology</i> , <b>2020</b> , 44, 362-369	2.9	8
53	Correlation between chronological and physiological age of males from their multivariate urinary endogenous steroid profile and prostatic carcinoma-induced deviation. <i>Steroids</i> , <b>2018</b> , 139, 10-17	2.8	8
52	Direct and indirect alcohol biomarkers data collected in hair samples - multivariate data analysis and likelihood ratio interpretation perspectives. <i>Data in Brief</i> , <b>2017</b> , 12, 1-8	1.2	7
51	Evaluation of DNA typing as a positive identification method for soft and hard tissues immersed in strong acids. <i>Legal Medicine</i> , <b>2015</b> , 17, 569-75	1.9	7
50	Photocatalytic Degradation of Organic Contaminants <b>1994</b> , 101-138		7
49	Determination of cannabinoids in urine, oral fluid and hair samples after repeated intake of CBD-rich cannabis by smoking. <i>Forensic Science International</i> , <b>2021</b> , 318, 110561	2.6	7
48	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> , <b>2018</b> , 10, 1394-1403	2.5	7
47	Experimental and statistical protocol for the effective validation of chromatographic analytical methods. <i>MethodsX</i> , <b>2020</b> , 7, 100919	1.9	6

46	Development and Validation of a Method for the Detection of Endosulfan (Organochlorine Insecticide) in <i>Calliphora vomitoria</i> (Diptera: Calliphoridae). <i>Journal of Medical Entomology</i> , <b>2018</b> , 55, 51-58	2.2	6
45	Optimized splitless injection of hydroxylated PCBs by pressure pulse programming. <i>Journal of High Resolution Chromatography</i> , <b>1995</b> , 18, 490-494		6
44	Structural analysis of macrotetralide antibiotic mixtures using collision-induced dissociation mass spectrometry. <i>Biological Mass Spectrometry</i> , <b>1990</b> , 19, 240-247		6
43	Should NPS be included in workplace drug testing?. <i>Drug Testing and Analysis</i> , <b>2020</b> , 12, 191-194	3.5	6
42	Beef cattle welfare assessment: use of resource and animal-based indicators, blood parameters and hair cortisol. <i>Italian Journal of Animal Science</i> , <b>2020</b> , 19, 341-350	2.2	5
41	"One-pot" ethyl chloroformate derivatization and liquid-liquid extraction of reduced glutathione in erythrocyte and its quantitative GC-MS analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1070, 15-22	3.2	5
40	Distribution of chloralose in a fatal intoxication. <i>Journal of Analytical Toxicology</i> , <b>2012</b> , 36, 452-6	2.9	5
39	Electron-transfer kinetics of 4,4'-bis(alkoxycarbonyl)-2,2'-bipyridine-iron complexes in micellar solution. <i>Inorganic Chemistry</i> , <b>1985</b> , 24, 4533-4537	5.1	5
38	The Impact of COVID-19 Pandemic and Lockdown on Alcohol Consumption: A Perspective From Hair Analysis. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 632519	5	5
37	Development and validation of an UHPLC-MS/MS method for agonists quantification in human urine and application to clinical samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 150, 15-24	3.5	5
36	Effect-based detection of synthetic glucocorticoids in bovine urine. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2015</b> , 32, 194-204	3.2	4
35	Development and validation of an HPLC-MS/MS method for the detection of ketamine in <i>Calliphora vomitoria</i> (L.) (Diptera: Calliphoridae). <i>Journal of Clinical Forensic and Legal Medicine</i> , <b>2018</b> , 58, 64-71	1.7	4
34	Does the Abiotic Formation of Oligopeptides on TiO <sub>2</sub> Nanoparticles Require Special Catalytic Sites? Apparently Not. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2018</b> , 18, 5854-5857	1.3	4
33	Determination of endogenous and exogenous corticosteroids in bovine urine and effect of fighting stress during the "Batailles des Reines" on their biosynthesis. <i>Research in Veterinary Science</i> , <b>2017</b> , 114, 423-429	2.5	4
32	Identification of exposure to toxic metals by means of segmental hair analysis: a case report of alleged chromium intoxication. <i>Forensic Toxicology</i> , <b>2017</b> , 35, 195-200	2.6	4
31	Isolation, structure determination and synthesis of a novel tryptophan-containing heptapeptide (basic tryptophyllin) from the skin of <i>Phyllomedusa rohdei</i> . <i>International Journal of Peptide and Protein Research</i> , <b>2009</b> , 33, 391-395		4
30	Kinetics of electron transfer between Ce(IV) nitrate and iron(II) complexes. <i>Inorganica Chimica Acta</i> , <b>1985</b> , 110, 51-53	2.7	4
29	A multivariate statistical approach for the estimation of the ethnic origin of unknown genetic profiles in forensic genetics. <i>Forensic Science International: Genetics</i> , <b>2020</b> , 45, 102209	4.3	4

28	Determination of Anticoagulant Rodenticides and $\beta$ -Chloralose in Human Hair. Application to a Real Case. <i>Journal of Analytical Toxicology</i> , <b>2016</b> , 40, 277-85	2.9	4
27	New Challenges and Perspectives in Hair Analysis <b>2015</b> , 337-368		3
26	Evidence of seasonal variation of ethyl glucuronide in hair: Modeling a seven-year data series. <i>Drug Testing and Analysis</i> , <b>2019</b> , 11, 77-85	3.5	3
25	Postmortem redistribution of triazolam, alprazolam, delorazepam (chlordesmethyldiazepam) and zolpidem in a suicide case. <i>Toxicologie Analytique Et Clinique</i> , <b>2015</b> , 27, 233-238	0.4	3
24	Desorption chemical ionization mass spectrometry of cosmomycins A, B, C, D and ditrisarubicin B. <i>Biomedical &amp; Environmental Mass Spectrometry</i> , <b>1989</b> , 18, 352-4		3
23	Characterization of high molecular weight macrocycles by desorption chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>1989</b> , 3, 106-109	2.2	3
22	Urine volume as a predicting factor for furosemide clearance during continuous infusion in AKI septic shock patients on hemodiafiltration. <i>Journal of Nephrology</i> , <b>2018</b> , 31, 889-897	4.8	3
21	Chemometric approach to open validation protocols: Prediction of validation parameters in multi-residue ultra-high performance liquid chromatography-tandem mass spectrometry methods. <i>Analytica Chimica Acta</i> , <b>2015</b> , 878, 78-86	6.6	2
20	Individual and cyclic estrogenic profile in women: Structure and variability of the data. <i>Steroids</i> , <b>2019</b> , 150, 108432	2.8	2
19	Equilibria and kinetics of electron transfer between tris (4,4'-dimethyl-2,2'-bipyridine)-osmium(III)/-osmium(II) and iron(III)/iron(II) in aqueous mixtures of acetone and acetonitrile. <i>Transition Metal Chemistry</i> , <b>1983</b> , 8, 273-276	2.1	2
18	Prospective evaluation of urinary steroids and prostate carcinoma-induced deviation: preliminary results. <i>Minerva Urology and Nephrology</i> , <b>2021</b> , 73, 98-106	2.3	2
17	Detection of the synthetic peptide ipamorelin in dried blood spots by means of UHPLC-HRMS. <i>International Journal of Mass Spectrometry</i> , <b>2021</b> , 462, 116531	1.9	2
16	Solvent-free synthesis of SerHis dipeptide from non-activated amino acids and its potential function as organocatalyst. <i>Research on Chemical Intermediates</i> , <b>2018</b> , 44, 1797-1810	2.8	2
15	Effects of truck transportation and slaughtering on the occurrence of prednisolone and its metabolites in cow urine, liver, and adrenal glands. <i>BMC Veterinary Research</i> , <b>2019</b> , 15, 336	2.7	1
14	Development and validation of a UHPLC-HRMS-QTOF method for the detection of 132 New Psychoactive Substances and synthetic opioids, including fentanyl, in Dried Blood Spots.. <i>Talanta</i> , <b>2022</b> , 241, 123265	6.2	1
13	MP18-01 PRELIMINARY RESULTS OF PROSPECTIVE EVALUATION OF URINARY ENDOGENOUS STEROID PROFILE AND PROSTATIC CARCINOMA-INDUCED DEVIATION.. <i>Journal of Urology</i> , <b>2019</b> , 201,	2.5	1
12	Evaluation of Forensic Data Using Logistic Regression-Based Classification Methods and an R Shiny Implementation. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 738	5	1
11	Limited Role of Hair Cortisol and Cortisone Measurement for Detecting Cortisol Autonomy in Patients With Adrenal Incidentalomas.. <i>Frontiers in Endocrinology</i> , <b>2022</b> , 13, 833514	5.7	0

10	The "DOLPHINS" Project: A Low-Cost Real-Time Multivariate Process Control From Large Sensor Arrays Providing Sparse Binary Data. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 734132	5	0
9	Development and Validation of a GC-EI-MS/MS Method for Ethyl Glucuronide Quantification in Human Hair.. <i>Frontiers in Chemistry</i> , <b>2022</b> , 10, 858205	5	0
8	Non-destructive age estimation of biological fluid stains: An integrated analytical strategy based on near-infrared hyperspectral imaging and multivariate regression.. <i>Talanta</i> , <b>2022</b> , 245, 123472	6.2	0
7	Innentitelbild: The Formation and Self-Assembly of Long Prebiotic Oligomers Produced by the Condensation of Unactivated Amino Acids on Oxide Surfaces (Angew. Chem. 18/2014). <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4586-4586	3.6	
6	Evaluation of stress-related parameters and intramural coronary arteriosclerosis in Lidia bulls and Piemontese oxen. <i>Italian Journal of Animal Science</i> , <b>2021</b> , 20, 2002-2011	2.2	
5	A multivariate statistical approach to for the evaluation of the biogeographical ancestry information from traditional STRs. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2019</b> , 7, 253-255	0.5	
4	Accelerated Extraction and Analysis of Ethyl Glucuronide in Hair by Means of Pressurized Liquid Extraction Followed by Liquid Chromatography-Tandem Mass Spectrometry Determination. <i>Journal of Analytical Toxicology</i> , <b>2021</b> , 45, 927-936	2.9	
3	Optimization and validation of a GC-MS quantitative method for the determination of an extended estrogenic profile in human urine: Variability intervals in a population of healthy women. <i>Biomedical Chromatography</i> , <b>2021</b> , 35, e4967	1.7	
2	Health risk screening in adolescents: a pilot study. <i>Journal of Sports Medicine and Physical Fitness</i> , <b>2011</b> , 51, 268-74	1.4	
1	Comprehensive biomarker profiles and chemometric filtering of urinary metabolomics for effective discrimination of prostate carcinoma from benign hyperplasia.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4361	4.9	