Franco Tagliaro

List of Publications by Year
in descending order

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206	5,042	66343	144013
papers	citations	42 h-index	57 g-index

211	211	211	3665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carbohydrate-deficient transferrin (CDT) as a marker of alcohol abuse: A critical review of the literature 2001â€“2005. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 841, 96-109.	2.3	140
2	New challenges and innovation in forensic toxicology: Focus on the â€œNew Psychoactive Substancesâ€• Journal of Chromatography A, 2013, 1287, 84-95.	3.7	132
3	Death from heroin overdose: findings from hair analysis. Lancet, The, 1998, 351, 1923-1925.	13.7	97
4	Capillary electrophoresis for the investigation of illicit drugs in hair: determination of cocaine and morphine. Journal of Chromatography A, 1993, 638, 303-309.	3.7	89
5	Implementation and Performance Evaluation of a Database of Chemical Formulas for the Screening of Pharmaco/Toxicologically Relevant Compounds in Biological Samples Using Electrospray Ionization-Time-of-Flight Mass Spectrometry. Analytical Chemistry, 2008, 80, 3050-3057.	6.5	84
6	Determination of Morphine in the Hair of Heroin Addicts by High Performance Liquid Chromatography with Fluorimetric Detection*. Journal of Analytical Toxicology, 1986, 10, 158-161.	2.8	82
7	Hair analysis for illicit drugs by using capillary zone electrophoresis-electrospray ionization-ion trap mass spectrometry. Journal of Chromatography A, 2007, 1159, 185-189.	3.7	80
8	Evaluation of four oral fluid devices (DDSÂ®, Drugtest 5000Â®, Drugwipe 5+Â® and RapidSTATÂ®) for on-site monitoring drugged driving in comparison with UHPLCâ€“MS/MS analysis. Forensic Science International, 2012, 221, 70-76.	2.2	78
9	Recent advances in the application of CE to forensic sciences: A update over years 2007â€“2009. Electrophoresis, 2010, 31, 251-259.	2.4	75
10	Toward Worldwide Hepcidin Assay Harmonization: Identification of a Commutable Secondary Reference Material. Clinical Chemistry, 2016, 62, 993-1001.	3.2	73
11	Simultaneous chiral separation of 3,4-methylenedioxymethamphetamine (MDMA), 3-4-methylenedioxyamphetamine (MDA), 3,4-methylenedioxyethylamphetamine (MDE), ephedrine, amphetamine and methamphetamine by capillary electrophoresis in uncoated and coated capillaries with native Î²-cyclodextrin as the chiral selector: Preliminary application to the analysis of urine and hair. Electrophoresis, 1998, 19, 42-50.	2.4	71
12	Chromatographic methods for blood alcohol determination. Biomedical Applications, 1992, 580, 161-190.	1.7	68
13	Chiral separation of 12 cathinone analogs by cyclodextrinâ€assisted capillary electrophoresis with UV and mass spectrometry detection. Electrophoresis, 2014, 35, 3231-3241.	2.4	68
14	Screening for synthetic cannabinoids in hair by using LC-QTOF MS: A new and powerful approach to study the penetration of these new psychoactive substances in the population. Medicine, Science and the Law, 2014, 54, 22-27.	1.0	68
15	Screening for new psychoactive substances in hair by ultrahigh performance liquid chromatographyâ€“electrospray ionization tandem mass spectrometry. Journal of Chromatography A, 2014, 1372, 145-156.	3.7	67
16	Capillary zone electrophoresis and artificial neural networks for estimation of the post-mortem interval (PMI) using electrolytes measurements in human vitreous humour. International Journal of Legal Medicine, 2002, 116, 5-11.	2.2	61
17	High-performance liquid chromatographic determination of morphine in biological samples: An overview of separation methods and detection techniques. Biomedical Applications, 1989, 488, 215-228.	1.7	59
18	Improved method for carbohydrate-deficient transferrin determination in human serum by capillary zone electrophoresis. Biomedical Applications, 2000, 739, 81-93.	1.7	59

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19	Solvent-Responsive Molecularly Imprinted Nanogels for Targeted Protein Analysis in MALDI-TOF Mass Spectrometry. ACS Applied Materials & Interfaces, 2017, 9, 6908-6915.	8.0	59
20	Evaluation and optimization of capillary zone electrophoresis with different dynamic capillary coatings for the determination of carbohydrate-deficient transferrin in human serum. Journal of Chromatography A, 2002, 979, 43-57.	3.7	58
21	Recent advances in the applications of CE to forensic sciences (2001â€“2004). Electrophoresis, 2006, 27, 231-243.	2.4	58
22	Broad-spectrum toxicological analysis of hair based on capillary zone electrophoresisâ€“time-of-flight mass spectrometry. Journal of Chromatography A, 2007, 1159, 190-197.	3.7	58
23	Determination of different recreational drugs in hair by HS-SPME and GC/MS. Analytical and Bioanalytical Chemistry, 2010, 397, 2987-2995.	3.7	58
24	Optimization of a simple method for the chiral separation of phenethylamines of forensic interest based on cyclodextrin complexation capillary electrophoresis and its preliminary application to the analysis of human urine and hair. Forensic Science International, 1997, 89, 33-46.	2.2	57
25	Complementary use of capillary zone electrophoresis and micellar electrokinetic capillary chromatography for mutual confirmation of results in forensic drug analysis. Journal of Chromatography A, 1996, 735, 227-235.	3.7	56
26	Hair analysis, a novel tool in forensic and biomedical sciences: new chromatographic and electrophoretic/electrokinetic analytical strategies. Biomedical Applications, 1997, 689, 261-271.	1.7	56
27	Determination of illicit and/or abused drugs and compounds of forensic interest in biosamples by capillary electrophoretic/electrokinetic methods. Biomedical Applications, 1998, 713, 27-49.	1.7	56
28	The development of paper microfluidic devices for presumptive drug detection. Analytical Methods, 2015, 7, 8025-8033.	2.7	54
29	Rapid and direct determination of creatinine in urine using capillary zone electrophoresis. Clinica Chimica Acta, 2009, 409, 52-55.	1.1	51
30	Optimized determination of carbohydrate-deficient transferrin isoforms in serum by capillary zone electrophoresis. Electrophoresis, 1998, 19, 3033-3039.	2.4	50
31	A brief introduction to capillary electrophoresis. Forensic Science International, 1998, 92, 75-88.	2.2	49
32	Field-amplified sample stacking â€” capillary zone electrophoresis applied to the analysis of opiate drugs in hair. Electrophoresis, 2000, 21, 2891-2898.	2.4	49
33	Biomedical applications of capillary electrophoresis. Biomedical Applications, 1994, 656, 3-27.	1.7	48
34	Hair analysis by using radioimmunoassay, high-performance liquid chromatography and capillary electrophoresis to investigate chronic exposure to heroin, cocaine and/or ecstasy in applicants for driving licences. Forensic Science International, 2000, 107, 121-128.	2.2	47
35	Recent advances in the applications of CE to forensic sciences (2005â€“2007). Electrophoresis, 2008, 29, 260-268.	2.4	47
36	Analytical and diagnostic aspects of carbohydrate deficient transferrin (CDT): A critical review over years 2007â€“2017. Journal of Pharmaceutical and Biomedical Analysis, 2018, 147, 2-12.	2.8	47

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37	Investigation of the electrochemical oxidation of clenbuterol at a porous carbon electrode, and its application to the determination of this Î²-agonist in bovine hair by liquid chromatography with coulometric detection. Analytica Chimica Acta, 1996, 322, 159-166.	5.4	45
38	Determination of illicit drugs and related substances by high-performance liquid chromatography with an electrochemical coulometric-array detector. Journal of Chromatography A, 1996, 729, 273-277.	3.7	45
39	Capillary zone electrophoresis (CZE) coupled to timeâ€ofâ€flight mass spectrometry (TOFâ€MS) applied to the analysis of illicit and controlled drugs in blood. Electrophoresis, 2008, 29, 4078-4087.	2.4	45
40	Recent advances in the application of CE to forensic sciences, an update over years 2009â€“2011. Electrophoresis, 2012, 33, 117-126.	2.4	44
41	Hair analysis for Drug Abuse XV. Disposition of 3,4-methylenedioxymethamphetamine (MDMA) and its related compounds into rat hair and application to hair analysis for MDMA abuse. Forensic Science International, 1997, 84, 165-177.	2.2	43
42	Hair analysis for abused drugs by capillary zone electrophoresis with field-amplified sample stacking. Forensic Science International, 1998, 92, 201-211.	2.2	43
43	Potassium concentration differences in the vitreous humour from the two eyes revisited by microanalysis with capillary electrophoresis. Journal of Chromatography A, 2001, 924, 493-498.	3.7	42
44	Capillary zone electrophoresis of potassium in human vitreous humour: validation of a new method. Biomedical Applications, 1999, 733, 273-279.	1.7	41
45	Direct screening of herbal blends for new synthetic cannabinoids by MALDIâ€TOF MS. Journal of Mass Spectrometry, 2012, 47, 141-146.	1.6	41
46	Capillary electrophoresis: principles and applications in illicit drug analysis. Forensic Science International, 1996, 77, 211-229.	2.2	40
47	Analysis of synthetic cannabinoids in herbal blends by means of nano-liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2012, 71, 45-53.	2.8	40
48	Micro computed tomography features of laryngeal fractures in a case of fatal manual strangulation. Legal Medicine, 2016, 18, 85-89.	1.3	38
49	Neurological, sensorimotor and cardiorespiratory alterations induced by methoxetamine, ketamine and phencyclidine in mice. Neuropharmacology, 2018, 141, 167-180.	4.1	37
50	Use of Î²-cyclodextrin in the capillary zone electrophoretic separation of the components of clandestine heroin preparations. Journal of Chromatography A, 2001, 924, 499-506.	3.7	36
51	Integrated use of hair analysis to investigate the physical fitness to obtain the driving licence: a casework study. Forensic Science International, 1997, 84, 129-135.	2.2	35
52	Analysis of Carbohydrate-Deficient Transferrin: Comparative Evaluation of Turbidimetric Immunoassay, Capillary Zone Electrophoresis, and HPLC. Clinical Chemistry, 2005, 51, 2368-2371.	3.2	35
53	Advances in capillary electrophoresis. Forensic Science International, 1998, 92, 89-124.	2.2	34
54	Fully automated analysis of Carbohydrate-Deficient Transferrin (CDT) by using a multicapillary electrophoresis system. Clinica Chimica Acta, 2007, 380, 4-7.	1.1	34

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55	Reversed-phase high-performance liquid chromatographic determination of cocaine in plasma and human hair with direct fluorimetric detection. Journal of Chromatography A, 1994, 674, 207-215.	3.7	33
56	Determination of Î³-hydroxybutyric acid in biological fluids by using capillary electrophoresis with indirect detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 800, 239-244.	2.3	33
57	On the interâ€instrument and the interâ€laboratory transferability of a tandem mass spectral reference library. 3. Focus on ion trap and upfront CID. Journal of Mass Spectrometry, 2012, 47, 263-270.	1.6	33
58	Vitreous humor endogenous compounds analysis for post-mortem forensic investigation. Forensic Science International, 2020, 310, 110235.	2.2	33
59	Capillary electrophoresis: a new tool in forensic toxicology. Applications and prospects in hair analysis for illicit drugs. Forensic Science International, 1995, 70, 93-104.	2.2	32
60	Analysis of organic components of smokeless gunpowders: High-performance liquid chromatogaphyvs. micellar electrokinetic capillary chromatography. Electrophoresis, 2004, 25, 1543-1547.	2.4	32
61	Chiral separation and determination of ketamine and norketamine in hair by capillary electrophoresis. Forensic Science International, 2016, 266, 304-310.	2.2	32
62	CEC-ESI ion trap MS of multiple drugs of abuse. Electrophoresis, 2010, 31, 1256-1263.	2.4	31
63	High sensitivity simultaneous determination in hair of the major constituents of ecstasy (3,4-methylenedioxymethamphetamine, 3,4-methylenedioxyamphetamine and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td [3 fluorescence detection. Biomedical Applications, 1999, 723, 195-202.	1.7	30
64	Micellar electrokinetic chromatography: A new simple tool for the analysis of synthetic cannabinoids in herbal blends and for the rapid estimation of their logP values. Journal of Chromatography A, 2012, 1267, 198-205.	3.7	30
65	Analysis of Morphine by RIA and HPLC in Fingernail Clippings Obtained from Heroin Users. Journal of Forensic Sciences, 2000, 45, 407-412.	1.6	30
66	High-sensitivity low-cost methods for determination of cocaine in hair: high-performance liquid chromatography and capillary electrophoresis. Forensic Science International, 1993, 63, 227-238.	2.2	27
67	Testing the specificity of the diatom test: search for false-positives. Medicine, Science and the Law, 2011, 51, 7-10.	1.0	27
68	Analysis of drugs of forensic interest with capillary zone electrophoresis/timeâ€ofâ€flight mass spectrometry based on the use of nonâ€volatile buffers. Electrophoresis, 2012, 33, 599-606.	2.4	27
69	Collisional spectroscopy for unequivocal and rapid determination of morphine at ppb level in the hair of heroin addicts. Biomedical & Environmental Mass Spectrometry, 1987, 14, 63-68.	1.6	26
70	Determination of thyroxine in the hair of newborns by radioimmunoassay with high-performance liquid chromatographic confirmation. Biomedical Applications, 1998, 716, 77-82.	1.7	26
71	Determination of CDT, a marker of chronic alcohol abuse, for driving license issuing: immunoassay versus capillary electrophoresis. Forensic Science International, 2002, 128, 53-58.	2.2	26
72	Dermal nitrate: An old marker of firearm discharge revisited with capillary electrophoresis. Electrophoresis, 2002, 23, 278-282.	2.4	25

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73	Carbohydrate-deficient transferrin (CDT): A reliable indicator of the risk of driving under the influence of alcohol when determined by capillary electrophoresis. Forensic Science International, 2007, 170, 175-178.	2.2	25
74	Study of vitreous potassium correlation with time since death in the postmortem range from 2 to 110 hours using capillary ion analysis. Medicine, Science and the Law, 2011, 51, 20-23.	1.0	25
75	Dispersive liquid-liquid microextraction, an effective tool for the determination of synthetic cannabinoids in oral fluid by liquid chromatographyâ€“tandem mass spectrometry. Journal of Pharmaceutical Analysis, 2021, 11, 292-298.	5.3	25
76	Rapid analysis of caffeine in â€œsmart drugsâ€•and â€œenergy drinksâ€•by microemulsion electrokinetic chromatography (MEEKC). Forensic Science International, 2012, 220, 279-283.	2.2	24
77	HPLC determination of morphine with amperometric detection at low potentials under basic pH conditions. Chromatographia, 1988, 26, 163-167.	1.3	23
78	Capillary zone electrophoresis determination of phenylalanine in serum: A rapid, inexpensive and simple method for the diagnosis of phenylketonuria. Electrophoresis, 1994, 15, 94-97.	2.4	23
79	Current role of capillary electrophoretic/electrokinetic techniques in forensic toxicology. Analytical and Bioanalytical Chemistry, 2007, 388, 1359-1364.	3.7	23
80	Role of MyD88 signaling in the imiquimod-induced mouse model of psoriasis: focus on innate myeloid cells. Journal of Leukocyte Biology, 2017, 102, 791-803.	3.3	23
81	Comparative use of aqueous humour 1H NMR metabolomics and potassium concentration for PMI estimation in an animal model. International Journal of Legal Medicine, 2021, 135, 845-852.	2.2	23
82	Paper-based microfluidic devices: On-site tools for crime scene investigation. TrAC - Trends in Analytical Chemistry, 2021, 143, 116406.	11.4	23
83	Direct injection high-performance liquid chromatographic method with electrochemical detection for the determination of ethanol and methanol in plasma using an alcohol oxidase reactor. Biomedical Applications, 1991, 566, 333-339.	1.7	22
84	Forensic capillary electrophoresis. TrAC - Trends in Analytical Chemistry, 1996, 15, 513-525.	11.4	22
85	Capillary Electrophoresis: A New Analytical Tool for Forensic Toxicologists. Therapeutic Drug Monitoring, 2000, 22, 84-88.	2.0	22
86	Parathyroid hormone, calcitonin and vitamin D metabolites in beta-thalassaemia major. European Journal of Pediatrics, 1986, 145, 133-136.	2.7	21
87	Study of the capillary zone electrophoretic behaviour of selected drugs, and its comparison with other analytical techniques for their formulation assay. Journal of Chromatography A, 1996, 735, 237-247.	3.7	21
88	Liquid chromatography with pre-column dansyl derivatisation and fluorimetric detection applied to the assay of morphine in biological samples. Journal of Chromatography A, 1985, 330, 323-331.	3.7	20
89	Improved high-performance liquid chromatographic determination with amperometric detection of Î±-amanitin in human plasma based on its voltammetric study. Biomedical Applications, 1991, 563, 299-311.	1.7	20
90	Optimised determination of clobazam in human plasma with extraction and high-performance liquid chromatography analysis. Biomedical Applications, 2001, 750, 177-180.	1.7	20

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91	Direct analysis of bromide in human serum by capillary electrophoresis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 839, 2-5.	2.3	20
92	Monitoring compliance to therapy during addiction treatments by means of hair analysis for drugs and drug metabolites using capillary zone electrophoresis coupled to time-of-flight mass spectrometry. Forensic Science International, 2012, 216, 101-107.	2.2	20
93	Methods for chromatographic determination of amanitins and related toxins in biological samples. Biomedical Applications, 1992, 580, 279-291.	1.7	19
94	Interlaboratory reproducibility of mobility parameters in capillary electrophoresis for substance identification in systematic toxicological analysis. Electrophoresis, 2002, 23, 67.	2.4	19
95	Toxicokinetics of Cocaine and Metabolites: The Forensic Toxicological Approach. Current Medicinal Chemistry, 2012, 19, 5658-5663.	2.4	19
96	Objective post-mortem diagnosis of chronic alcohol abuse â€“ A review of studies on new markers. Legal Medicine, 2008, 10, 229-235.	1.3	18
97	Chiral analysis of methorphan in opiate-overdose related deaths by using capillary electrophoresis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1000, 130-135.	2.3	18
98	Capillary zone electrophoresis/electrospray ionization mass spectromÃ©try for the characterization of drugs of forensic interest. Rapid Communications in Mass Spectrometry, 1995, 9, 1487-1491.	1.5	17
99	Determination of apomorphine in human plasma by alumina extraction and high-performance liquid chromatography with electrochemical detection. Forensic Science International, 1997, 89, 81-91.	2.2	17
100	Relationship between pharmacokinetics and pharmacodynamics of clopidogrel in patients undergoing percutaneous coronary intervention: comparison between vasodilatorâ€stimulated phosphoprotein phosphorylation assay and multiple electrode aggregometry. Journal of Thrombosis and Haemostasis, 2016, 14, 282-293.	3.8	17
101	First application of atmospheric-pressure chemical ionization gas chromatography tandem mass spectrometry to the determination of cannabinoids in serum. Journal of Chromatography A, 2019, 1591, 147-154.	3.7	17
102	Ion-trap mass spectrometry applications in forensic sciences. I. Identification of morphine and cocaine in hair extracts of drug addicts. Rapid Communications in Mass Spectrometry, 1992, 6, 434-437.	1.5	16
103	Immune response to opiates: New findings in heroin addicts investigated by means of an original enzyme immunoassay and morphine determination in hair. Life Sciences, 1993, 53, 99-105.	4.3	16
104	Post-mortem stability and redistribution of carbohydrate-deficient transferrin (CDT). Forensic Science International, 2008, 174, 161-165.	2.2	16
105	Capillary electrochromatographic separation of illicit drugs employing a cyano stationary phase. Journal of Chromatography A, 2009, 1216, 3652-3659.	3.7	16
106	Improved capillary electrophoresis determination of carbohydrate-deficient transferrin including on-line immunosubtraction. Medicine, Science and the Law, 2011, 51, 26-31.	1.0	16
107	â€œPositiveâ€•urine testing for Cannabis is associated with increased risk of traffic crashes. Journal of Pharmaceutical and Biomedical Analysis, 2018, 151, 71-74.	2.8	16
108	Virtual autopsy as a screening test before traditional autopsy: The verona experience on 25 Cases. Journal of Pathology Informatics, 2018, 9, 28.	1.7	16

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109	Caveats in Carbohydrate-deficient Transferrin Determination. Clinical Chemistry, 2002, 48, 208-209.	3.2	15
110	Determination of carbohydrate deficient transferrin (CDT) with capillary electrophoresis: an inter laboratory comparison. Forensic Science International, 2004, 141, 153-157.	2.2	15
111	The alcohol used for cleansing the venipuncture site does not jeopardize blood and plasma alcohol measurement with head-space gas chromatography and an enzymatic assay. Biochemia Medica, 2017, 27, 398-403.	2.7	15
112	Nano-liquid chromatography for enantiomers separation of baclofen by using vancomycin silica stationary phase. Journal of Chromatography A, 2019, 1605, 360358.	3.7	15
113	High serum calcitonin levels in heroin addicts. Journal of Endocrinological Investigation, 1984, 7, 331-333.	3.3	14
114	Improved high performance liquid chromatographic determination of amanitins with electrochemical detection. Chromatographia, 1987, 24, 482-486.	1.3	14
115	Pharmacokinetics of a new nitroderivative of acetylsalicylic acid after a single dose in rats. Life Sciences, 1996, 60, 101-106.	4.3	14
116	Capillary electrophoresis: a new tool in forensic medicine and science. Science and Justice - Journal of the Forensic Science Society, 2001, 41, 203-210.	2.1	14
117	Rapid determination of lithium in serum samples by capillary electrophoresis. Analytical and Bioanalytical Chemistry, 2010, 396, 2543-2546.	3.7	14
118	Dextromethorphan/levomethorphan issues in a case of opiate overdose. Drug Testing and Analysis, 2013, 5, 781-784.	2.6	14
119	Direct injection high-performance liquid chromatographic assay of morphine with electrochemical detection, a polymeric column and an alkaline eluent. Journal of Chromatography A, 1990, 507, 253-258.	3.7	13
120	Ion trap mass spectrometry, a new tool in the investigation of drugs of abuse in hair. Forensic Science International, 1993, 63, 239-252.	2.2	13
121	A medieval case of digitalis poisoning: the sudden death of Cangrande della Scala, lord of verona (1291â€“1329). Journal of Archaeological Science, 2015, 54, 162-167.	2.4	13
122	In vivo metabolism of the new synthetic cannabinoid APINAC in rats by GCâ€“MS and LCâ€“QTOF-MS. Forensic Toxicology, 2017, 35, 359-368.	2.4	13
123	Rapid and direct analysis of Î³-hydroxybutyric acid in urine by capillary electrophoresisâ€“electrospray ionization ion-trap mass spectrometry. Journal of Chromatography A, 2004, 1051, 207-211.	3.7	13
124	Multielemental Analysis of Tissues from Cangrande della Scala, Prince of Verona, in the 14th Century. Journal of Analytical Toxicology, 2009, 33, 322-327.	2.8	12
125	First Objective Association Between Elevated Carbohydrateâ€Deficient Transferrin Concentrations and Alcoholâ€Related Traffic Accidents. Alcoholism: Clinical and Experimental Research, 2015, 39, 2108-2114.	2.4	12
126	â€œTampering to Deathâ€: A Fatal Codeine Intoxication Due to a Homemade Purification of a Medical Formulation. Journal of Forensic Sciences, 2017, 62, 1671-1673.	1.6	12

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127	A simple and robust method for broad range screening of hair samples for drugs of abuse using a high-throughput UHPLC-Ion Trap MS instrument. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1152, 122263.	2.3	12
128	Development of post-column enzymic reactors with immobilized alcohol oxidase for use in the high-performance liquid chromatographic assay of alcohols with electrochemical detection. Biomedical Applications, 1991, 563, 11-21.	1.7	11
129	Capillary electrophoresis of hair proteins modified by alcohol intake in laboratory rats. Journal of Chromatography A, 1995, 709, 111-119.	3.7	11
130	Capillary electrophoretic separation of vitamins in sodium dodecyl sulfate containing buffers with lower aliphatic alcohols and n-hexane as organic modifiers. Biomedical Applications, 2000, 741, 67-75.	1.7	11
131	Caveats against an improper use of hair testing to support the diagnosis of chronic excessive alcohol consumption, following the â€œConsensusâ€• of the Society of Hair Testing 2009 [Forensic Science International 196 (2010) 2]. Forensic Science International, 2011, 207, e69-e70.	2.2	11
132	Thanatochemistry at the crime scene: a microfluidic paper-based device for ammonium analysis in the vitreous humor. Analytica Chimica Acta, 2019, 1083, 150-156.	5.4	11
133	Short- and medium-term exposures of diazepam induce metabolomic alterations associated with the serotonergic, dopaminergic, adrenergic and aspartic acid neurotransmitter systems in zebrafish (Danio rerio) embryos/larvae. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 38, 100816.	1.0	11
134	Use of fingerâ€prick dried blood spots (fpDBS) and capillary electrophoresis for carbohydrate deficient transferrin (CDT) screening in forensic toxicology. Electrophoresis, 2016, 37, 2867-2874.	2.4	10
135	Screening of the binding properties of molecularly imprinted nanoparticles via capillary electrophoresis. Analytical and Bioanalytical Chemistry, 2016, 408, 3435-3443.	3.7	10
136	Separation of Enantiomeric Ephedrine and Pseudoephedrineâ€”High Pressure Liquid Chromatography and Capillary Electrophoresis. Journal of Forensic Sciences, 1999, 44, 470-474.	1.6	10
137	Zebrafish larvae: A new model to study behavioural effects and metabolism of fentanyl, in comparison to a traditional mice model. Medicine, Science and the Law, 2022, 62, 188-198.	1.0	10
138	Calcitonin serum levels in heroin addicts: Effects of methadone and clonidine detoxication treatments. Drug and Alcohol Dependence, 1985, 16, 181-183.	3.2	9
139	COMMENTARIES - Comments on White & Irvine's "Mechanisms of fatal opioid overdose". Addiction, 1999, 94, 973-980.	3.3	9
140	Re-assessment of the cut-off levels of Carbohydrate Deficient Transferrin (CDT) for automated immunoassay and multi-capillary electrophoresis for application in a forensic context. Clinica Chimica Acta, 2013, 416, 1-4.	1.1	9
141	Morphometric analysis of stab wounds by MSCT and MRI after the instillation of contrast medium. Radiologia Medica, 2016, 121, 494-501.	7.7	9
142	Potential of the zebrafish model for the forensic toxicology screening of NPS: A comparative study of the effects of APINAC and methiopropamine on the behavior of zebrafish larvae and mice. NeuroToxicology, 2020, 78, 36-46.	3.0	9
143	Use of enzymatic reactors in the high performance liquid chromatographic determination of ethanol and methanol with electrochemical detection. Biomedical Chromatography, 1990, 4, 224-228.	1.7	8
144	High-performance liquid chromatographic determination of levodropropizine in human plasma with fluorometric detection. Biomedical Applications, 1996, 685, 165-170.	1.7	8

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145	A new method for the determination of ammonium in the vitreous humour based on capillary electrophoresis and its preliminary application in thanatochemistry. Clinical Chemistry and Laboratory Medicine, 2019, 57, 504-509.	2.3	8
146	Spinal cord injury as an indicator of abuse in forensic assessment of abusive head trauma (AHT). International Journal of Legal Medicine, 2021, 135, 1481-1498.	2.2	8
147	Direct and specific analysis of nitrite and nitrate in biological and non-biological samples by capillary ion analysis for the rapid identification of fatal intoxications with sodium nitrite. Forensic Science International, 2021, 325, 110855.	2.2	8
148	RAPID DISCRIMINATION BETWEEN HTV-1 AND HIV-2 INFECTION. Lancet, The, 1989, 334, 1156-1157.	13.7	7
149	Carbohydrateâ€deficient transferrin determined in blood microsamples from healthy newborns by using capillary zone electrophoresis. Scandinavian Journal of Clinical and Laboratory Investigation, 2007, 67, 191-195.	1.2	7
150	Terbium chelation, a specific fluorescent tagging of human transferrin. Optimization of conditions in view of its application to the HPLC analysis of carbohydrate-deficient transferrin (CDT). Analytical and Bioanalytical Chemistry, 2017, 409, 6605-6612.	3.7	7
151	Development of a low cost gas diffusion device for ammonia detection in the vitreous humor and its preliminary application for estimation of the time since death. Forensic Science International, 2019, 295, 150-156.	2.2	7
152	Simultaneous analysis of potassium and ammonium ions in the vitreous humour by capillary electrophoresis and their integrated use to infer the post mortem interval (PMI). Medicine, Science and the Law, 2021, 61, 96-104.	1.0	7
153	Short- and long-term exposures of the synthetic cannabinoid 5F-APINAC induce metabolomic alterations associated with neurotransmitter systems and embryotoxicity confirmed by teratogenicity in zebrafish. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 243, 109000.	2.6	7
154	Development of a new ultraâ€highâ€performance liquid chromatographyâ€“tandem mass spectrometry method for the determination of digoxin and digitoxin in plasma: Comparison with a clinical immunoassay. Electrophoresis, 2022, 43, 1019-1026.	2.4	7
155	106 Free solution capillary electrophoresis of theophylline in serum. Fresenius' Journal of Analytical Chemistry, 1992, 343, 168-169.	1.5	6
156	A simplified approach to capillary electrophoretic separation of polymerase chain reaction fragments of forensic interest. Forensic Science International, 1998, 92, 259-268.	2.2	6
157	Prince Cangrandeâ€™s Collagen: Study of Protein Modification on the Mummy of the Lord of Verona, Italy (1291â€“1329 AD). Chromatographia, 2014, 77, 1503-1510.	1.3	6
158	A novel low-cost approach for the semi-quantitative analysis of carbohydrate-deficient transferrin (CDT) based on fluorescence resonance energy transfer (FRET). Clinica Chimica Acta, 2019, 495, 556-561.	1.1	6
159	Lactate determination in human vitreous humour by capillary electrophoresis and time of death investigation. Electrophoresis, 2020, 41, 1039-1044.	2.4	6
160	Optimization and validation of a new approach based on CEâ€HRMS for the screening analysis of novel psychoactive substances (cathinones, phenethylamines, and tryptamines) in urine. Electrophoresis, 2021, 42, 450-459.	2.4	6
161	Alcohol-associated traffic injuries in Verona territory: A nine-year survey. Medicine, Science and the Law, 2021, 61, 7-13.	1.0	6
162	Determination of alpha-bisabolol in human blood by micro-HPLCâ€“ion trap MS and head space-GCâ€“MS methods. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 812, 373-377.	2.3	6

#	Article	IF	Citations
163	Free solution capillary electrophoresis of calcitonins and calcitonin tryptic digests. Biomedical Applications, 1994, 656, 107-113.	1.7	5
164	Effect of Antibodies to Calcitonin on the Pharmacokinetics and the Pharmacodynamics of the Hormone. Hormone and Metabolic Research, 1995, 27, 31-34.	1.5	5
165	Rapid optimized separation of bromide in serum samples with capillary zone electrophoresis by using glycerol as additive to the background electrolyte. Journal of Chromatography A, 2009, 1216, 3349-3352.	3.7	5
166	Fluorescent adduct formation with terbium: a novel strategy for transferrin glycoform identification in human body fluids and carbohydrate-deficient transferrin HPLC method validation. Analytical and Bioanalytical Chemistry, 2017, 409, 1369-1378.	3.7	5
167	Cortical Expression of the Polysialylated Isoform of the Neural Cell Adhesion Molecule on Brain Tissue to Recognize Drug-Related Death. American Journal of Forensic Medicine and Pathology, 2018, 39, 8-13.	0.8	5
168	Capillary Electrophoresis (CE) vs. HPLC in the determination of asialo-Tf, a crucial marker for the reliable interpretation of questioned CDT increases. Clinica Chimica Acta, 2018, 486, 49-53.	1.1	5
169	Drug screening by using the Toxtyperâ„¢ LC-ion trap MS: Optimization of its application on serum samples in a DUID context. Clinica Chimica Acta, 2020, 510, 537-543.	1.1	5
170	Determination of the chemical composition of alcoholic beverages by gas chromatographyâ€•mass spectrometry. Journal of Food Processing and Preservation, 2020, 44, e14676.	2.0	5
171	Determination of morphine in biological fluids by HPLC with pre-column dansyl derivatization and fluorescence detection. Fresenius Zeitschrift FÃ¼r Analytische Chemie, 1984, 317, 678-679.	0.8	4
172	Serum alanine transaminase (ALT) reference range in Italy.. Journal of Clinical Pathology, 1991, 44, 790-791.	2.0	4
173	Assessment of an Automated Immunoassay Based on Kinetic Interaction of Microparticles in Solution for Determination of Opiates and Cocaine Metabolite in Urine. Annals of Clinical Biochemistry, 1997, 34, 81-84.	1.6	4
174	On the coupling of ionâ€exchange chromatography to surfaceâ€activated chemical ionization in the analysis of highly polar metabolites in diluted urine samples. Rapid Communications in Mass Spectrometry, 2008, 22, 2134-2138.	1.5	4
175	Criticism to the article: â€œToward standardization of carbohydrate-deficient transferrin (CDT) measurements: I. Analyte definition and proposal of a candidate reference method.â€•Authors: J.O. Jeppsson et al. Clin Chem Lab Med 2007;45(4):558â€“562. Clinical Chemistry and Laboratory Medicine, 2008, 46, 725-6; author reply 727-8.	2.3	4
176	A new sample treatment for asialo-Tf determination with capillary electrophoresis: an added value to the analysis of CDT. Clinica Chimica Acta, 2018, 483, 256-262.	1.1	4
177	Critical Evaluation of the Association Between Elevated Mean Corpuscular Volume and Alcoholâ€Related Traffic Accidents: A Retrospective Study on 6244 Car Crash Cases. Alcoholism: Clinical and Experimental Research, 2019, 43, 1528-1532.	2.4	4
178	Autophagy pathways in drug abusers after forensic autopsy: LC3B, ph-mTOR and p70S6K analysis. Medicine, Science and the Law, 2019, 59, 49-56.	1.0	4
179	CDT reference values for monitoring chronic alcohol abuse in pregnancy. Clinica Chimica Acta, 2020, 507, 156-160.	1.1	4
180	A preliminary assessment of the effect of PreCRâ„¢ DNA repair treatment on mixture ratios in two person mixtures. Science and Justice - Journal of the Forensic Science Society, 2018, 58, 308-314.	2.1	3

#	Article	IF	Citations
181	Phosphoinositideâ€specific phospholipase C in normal human liver and in alcohol abuse. Journal of Cellular Biochemistry, 2019, 120, 7907-7917.	2.6	3
182	In vivo and in vitro metabolism of the novel synthetic cannabinoid 5F-APINAC. Forensic Toxicology, 2020, 38, 160-171.	2.4	3
183	Pharmacokinetic Properties of the Novel Synthetic Cannabinoid 5F-APINAC and Its Influence on Metabolites Associated with Neurotransmission in Rabbit Plasma. Pharmaceuticals, 2021, 14, 668.	3.8	3
184	CDT vs. GGT for the certification of the fitness to hold the driving license. A comparison based on the association of incremented values with the occurrence of alcohol-related road traffic accidents. Drug and Alcohol Dependence, 2021, 228, 109088.	3.2	3
185	Caveats in carbohydrate-deficient transferrin determination. Clinical Chemistry, 2002, 48, 208-9.	3.2	3
186	Capillary electrophoretic profiling of rat hair: a tool for alopecia areata diagnosis. Biomedical Applications, 1994, 653, 47-54.	1.7	2
187	Chapter 15 Forensic toxicological screening with capillary electrophoresis and related techniques. Handbook of Analytical Separations, 2008, 6, 513-534.	0.8	2
188	Cocaine-associated increase of atrial natriuretic peptides: an early predictor of cardiac complications in cocaine users?. Heart Asia, 2014, 6, 100-107.	1.1	2
189	Asialo-transferrin: Biochemical aspects and association with alcohol abuse investigation. Alcohol, 2019, 78, 43-50.	1.7	2
190	Consultation between forensic and clinical pathologists for histopathology examination after forensic autopsy. Medicine, Science and the Law, 2021, 61, 25-35.	1.0	2
191	Fatal, Intentional Overdose of Ranolazine: Postmortem Distribution of Parent Drug and Its Major Metabolite. Journal of Analytical Toxicology, 2020, , .	2.8	2
192	The problem of dating fractures: A retrospective observational study of radiologic features of fracture healing in adults. Forensic Science International, 2021, 329, 111058.	2.2	2
193	Rapid and direct analysis of gamma-hydroxybutyric acid in urine by capillary electrophoresis-electrospray ionization ion-trap mass spectrometry. Journal of Chromatography A, 2004, 1051, 207-11.	3.7	2
194	Development and Validation of a Rapid Method for Identification of New Synthetic Cannabinoids in Hair Based on High-Performance Liquid Chromatographyâ€"Ion Trap Mass Spectrometry Using a Simplified User Interface. Journal of Analytical Toxicology, 2023, 47, 72-80.	2.8	2
195	A sensitive and simple assay of saliva on stamps. Zeitschrift Fur Rechtsmedizin Journal of Legal Medicine, 1985, 95, 27-33.	0.2	1
196	Comments on a paper presenting an automated catecholamines analyzer. Chromatographia, 1989, 28, 417-419.	1.3	1
197	Toxicological and Forensic Applications. Journal of Chromatography Library, 1998, 60, 917-961.	0.1	1
198	Comments onâ€œCapillary zone electrophoresis for determination of carbohydrate-deficient transferrin in human serumâ€. Electrophoresis, 2004, 25, 1723-1723.	2.4	1

#	Article	IF	Citations
199	Concepts and Principles of High Performance Capillary Electrophoresis. Methods of Biochemical Analysis, 2006, , 41-63.	0.2	1
200	The Italian â€˜holisticâ€™ vision of forensic medicine and science. Medicine, Science and the Law, 2021, 61, 3-4.	1.0	1
201	Immunoreactive ?calcitonin-like? material in heroin addicts: Varying reactivity with different antibodies. International Journal of Legal Medicine, 1992, 104, 309-312.	2.2	0
202	Applications of HPLC/HPCE in Forensics. Methods of Biochemical Analysis, 2006, , 164-205.	0.2	0
203	Excerpts from â€˜SIMLA 2009 Anconaâ€™. Medicine, Science and the Law, 2011, 51, 1-1.	1.0	0
204	CE-MS in Forensic Sciences with Focus on Forensic Toxicology. , 2016, , 217-291.		0
205	A novel high-throughput liquid chromatography assay for Carbohydrate-Deficient transferrin (CDT) based on flow-modulated isocratic elution and terbium-induced fluorescence. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1182, 122942.	2.3	0
206	Evaluating driving abilities of patients under opioid treatment for chronic pain, by using the Vienna Test System and a newly released APP for smartphones (APP SafeDrive). The old and the new. Igiene E SanitÃ Pubblica, 2019, 75, 377-384.	0.4	0