

# Franco Tagliaro

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

199 papers	4,136 citations	38 h-index	51 g-index
210 ext. papers	4,521 ext. citations	3.9 avg, IF	5.19 L-index

#	Paper	IF	Citations
199	Zebrafish larvae: A new model to study behavioural effects and metabolism of fentanyl, in comparison to a traditional mice model.. <i>Medicine, Science and the Law</i> , <b>2022</b> , 258024221074568	1.1	2
198	The problem of dating fractures: A retrospective observational study of radiologic features of fracture healing in adults. <i>Forensic Science International</i> , <b>2021</b> , 329, 111058	2.6	0
197	Dispersive liquid-liquid microextraction, an effective tool for the determination of synthetic cannabinoids in oral fluid by liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , <b>2021</b> , 11, 292-298	14	9
196	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. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2021</b> , 243, 109000	3.2	2
195	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. <i>Comparative Biochemistry and Physiology Part D: Genomics and Physiology</i> , <b>2021</b> , 66, 100317	2	3
194	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). <i>Medicine, Science and the Law</i> , <b>2021</b> , 61, 96-104	1.1	3
193	Comparative use of aqueous humour H NMR metabolomics and potassium concentration for PMI estimation in an animal model. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 845-852	3.1	9
192	Optimization and validation of a new approach based on CE-HRMS for the screening analysis of novel psychoactive substances (cathinones, phenethylamines, and tryptamines) in urine. <i>Electrophoresis</i> , <b>2021</b> , 42, 450-459	3.6	1
191	Consultation between forensic and clinical pathologists for histopathology examination after forensic autopsy. <i>Medicine, Science and the Law</i> , <b>2021</b> , 61, 25-35	1.1	1
190	Spinal cord injury as an indicator of abuse in forensic assessment of abusive head trauma (AHT). <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 1481-1498	3.1	1
189	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. <i>Forensic Science International</i> , <b>2021</b> , 325, 110855	2.6	0
188	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. <i>Drug and Alcohol Dependence</i> , <b>2021</b> , 228, 109088	4.9	0
187	A novel high-throughput liquid chromatography assay for Carbohydrate-Deficient transferrin (CDT) based on flow-modulated isocratic elution and terbium-induced fluorescence. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2021</b> , 1182, 122942	3.2	
186	Paper-based microfluidic devices: On-site tools for crime scene investigation. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 143, 116406	14.6	2
185	Alcohol-associated traffic injuries in Verona territory: A nine-year survey. <i>Medicine, Science and the Law</i> , <b>2021</b> , 61, 7-13	1.1	5
184	Lactate determination in human vitreous humour by capillary electrophoresis and time of death investigation. <i>Electrophoresis</i> , <b>2020</b> , 41, 1039-1044	3.6	2
183	Vitreous humor endogenous compounds analysis for post-mortem forensic investigation. <i>Forensic Science International</i> , <b>2020</b> , 310, 110235	2.6	15

182	Determination of the chemical composition of alcoholic beverages by gas chromatography-mass spectrometry. <i>Journal of Food Processing and Preservation</i> , <b>2020</b> , 44, e14676	2.1	0
181	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. <i>NeuroToxicology</i> , <b>2020</b> , 78, 36-46	4.4	5
180	CDT reference values for monitoring chronic alcohol abuse in pregnancy. <i>Clinica Chimica Acta</i> , <b>2020</b> , 507, 156-160	6.2	1
179	Drug screening by using the Toxtyper <sup>®</sup> LC-ion trap MS: Optimization of its application on serum samples in a DUI context. <i>Clinica Chimica Acta</i> , <b>2020</b> , 510, 537-543	6.2	3
178	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2020</b> , 1152, 122263	3.2	3
177	In vivo and in vitro metabolism of the novel synthetic cannabinoid 5F-APINAC. <i>Forensic Toxicology</i> , <b>2020</b> , 38, 160-171	2.6	2
176	A novel low-cost approach for the semi-quantitative analysis of carbohydrate-deficient transferrin (CDT) based on fluorescence resonance energy transfer (FRET). <i>Clinica Chimica Acta</i> , <b>2019</b> , 495, 556-561	6.2	5
175	Critical Evaluation of the Association Between Elevated Mean Corpuscular Volume and Alcohol-Related Traffic Accidents: A Retrospective Study on 6244 Car Crash Cases. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2019</b> , 43, 1528-1532	3.7	1
174	Asialo-transferrin: Biochemical aspects and association with alcohol abuse investigation. <i>Alcohol</i> , <b>2019</b> , 78, 43-50	2.7	1
173	Autophagy pathways in drug abusers after forensic autopsy: LC3B, p-mTOR and p70S6K analysis. <i>Medicine, Science and the Law</i> , <b>2019</b> , 59, 49-56	1.1	1
172	Thanatochemistry at the crime scene: a microfluidic paper-based device for ammonium analysis in the vitreous humor. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1083, 150-156	6.6	4
171	Nano-liquid chromatography for enantiomers separation of baclofen by using vancomycin silica stationary phase. <i>Journal of Chromatography A</i> , <b>2019</b> , 1605, 360358	4.5	9
170	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. <i>Forensic Science International</i> , <b>2019</b> , 295, 150-156	2.6	4
169	First application of atmospheric-pressure chemical ionization gas chromatography tandem mass spectrometry to the determination of cannabinoids in serum. <i>Journal of Chromatography A</i> , <b>2019</b> , 1591, 147-154	4.5	9
168	A new method for the determination of ammonium in the vitreous humour based on capillary electrophoresis and its preliminary application in thanatochemistry. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, 504-509	5.9	7
167	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. <i>Igiene E Sanità Pubblica</i> , <b>2019</b> , 75, 377-384	0.4	
166	"Positive" urine testing for Cannabis is associated with increased risk of traffic crashes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 151, 71-74	3.5	12
165	Cortical Expression of the Polysialylated Isoform of the Neural Cell Adhesion Molecule on Brain Tissue to Recognize Drug-Related Death: An Exploratory Analysis. <i>American Journal of Forensic Medicine and Pathology</i> , <b>2018</b> , 39, 8-13	1	3

164	A preliminary assessment of the effect of PreCRIDNA repair treatment on mixture ratios in two person mixtures. <i>Science and Justice - Journal of the Forensic Science Society</i> , <b>2018</b> , 58, 308-314	2	1
163	Analytical and diagnostic aspects of carbohydrate deficient transferrin (CDT): A critical review over years 2007-2017. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 147, 2-12	3.5	28
162	Capillary Electrophoresis (CE) vs. HPLC in the determination of asialo-Tf, a crucial marker for the reliable interpretation of questioned CDT increases. <i>Clinica Chimica Acta</i> , <b>2018</b> , 486, 49-53	6.2	3
161	A new sample treatment for asialo-Tf determination with capillary electrophoresis: an added value to the analysis of CDT. <i>Clinica Chimica Acta</i> , <b>2018</b> , 483, 256-262	6.2	3
160	Neurological, sensorimotor and cardiorespiratory alterations induced by methoxetamine, ketamine and phencyclidine in mice. <i>Neuropharmacology</i> , <b>2018</b> , 141, 167-180	5.5	25
159	Virtual Autopsy as a Screening Test Before Traditional Autopsy: The Verona Experience on 25 Cases. <i>Journal of Pathology Informatics</i> , <b>2018</b> , 9, 28	4.4	8
158	Phosphoinositide-specific phospholipase C in normal human liver and in alcohol abuse. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 120, 7907	4.7	1
157	Fluorescent adduct formation with terbium: a novel strategy for transferrin glycoform identification in human body fluids and carbohydrate-deficient transferrin HPLC method validation. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 1369-1378	4.4	5
156	"Tampering to Death": A Fatal Codeine Intoxication Due to a Homemade Purification of a Medical Formulation. <i>Journal of Forensic Sciences</i> , <b>2017</b> , 62, 1671-1673	1.8	10
155	Solvent-Responsive Molecularly Imprinted Nanogels for Targeted Protein Analysis in MALDI-TOF Mass Spectrometry. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 6908-6915	9.5	53
154	In vivo metabolism of the new synthetic cannabinoid APINAC in rats by GC/MS and LC/MS-TOF-MS. <i>Forensic Toxicology</i> , <b>2017</b> , 35, 359-368	2.6	11
153	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). <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 6605-6612	4.4	4
152	Role of MyD88 signaling in the imiquimod-induced mouse model of psoriasis: focus on innate myeloid cells. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 102, 791-803	6.5	13
151	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. <i>Biochimica Medica</i> , <b>2017</b> , 27, 398-403	2.5	8
150	Chiral separation and determination of ketamine and norketamine in hair by capillary electrophoresis. <i>Forensic Science International</i> , <b>2016</b> , 266, 304-310	2.6	23
149	Micro computed tomography features of laryngeal fractures in a case of fatal manual strangulation. <i>Legal Medicine</i> , <b>2016</b> , 18, 85-9	1.9	30
148	Screening of the binding properties of molecularly imprinted nanoparticles via capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 3435-43	4.4	8
147	Use of finger-prick dried blood spots (fpDBS) and capillary electrophoresis for carbohydrate deficient transferrin (CDT) screening in forensic toxicology. <i>Electrophoresis</i> , <b>2016</b> , 37, 2867-2874	3.6	7

146 CE-MS in Forensic Sciences with Focus on Forensic Toxicology **2016**, 217-291

145 Relationship between pharmacokinetics and pharmacodynamics of clopidogrel in patients undergoing percutaneous coronary intervention: comparison between vasodilator-stimulated phosphoprotein phosphorylation assay and multiple electrode aggregometry. *Journal of Thrombosis and Haemostasis*, **2016**, 14, 282-93 15.4 13

144 Morphometric analysis of stab wounds by MSCT and MRI after the instillation of contrast medium. *Radiologia Medica*, **2016**, 121, 494-501 6.5 6

143 Toward Worldwide Hepcidin Assay Harmonization: Identification of a Commutable Secondary Reference Material. *Clinical Chemistry*, **2016**, 62, 993-1001 5.5 57

142 The development of paper microfluidic devices for presumptive drug detection. *Analytical Methods*, **2015**, 7, 8025-8033 3.2 36

141 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, 130-5 3.2 14

140 First objective association between elevated carbohydrate-deficient transferrin concentrations and alcohol-related traffic accidents. *Alcoholism: Clinical and Experimental Research*, **2015**, 39, 2108-14 3.7 7

139 A medieval case of digitalis poisoning: the sudden death of Cangrande della Scala, lord of verona (1291-1329). *Journal of Archaeological Science*, **2015**, 54, 162-167 2.9 8

138 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, 22-7 1.1 59

137 Prince Cangrande's Collagen: Study of Protein Modification on the Mummy of the Lord of Verona, Italy (1291-1329 AD). *Chromatographia*, **2014**, 77, 1503-1510 2.1 4

136 Cocaine-associated increase of atrial natriuretic peptides: an early predictor of cardiac complications in cocaine users?. *Heart Asia*, **2014**, 6, 100-7 1.9 2

135 Screening for new psychoactive substances in hair by ultrahigh performance liquid chromatography-electrospray ionization tandem mass spectrometry. *Journal of Chromatography A*, **2014**, 1372C, 145-156 4.5 56

134 Chiral separation of 12 cathinone analogs by cyclodextrin-assisted capillary electrophoresis with UV and mass spectrometry detection. *Electrophoresis*, **2014**, 35, 3231-41 3.6 55

133 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 6.2 9

132 New challenges and innovation in forensic toxicology: focus on the "New Psychoactive Substances". *Journal of Chromatography A*, **2013**, 1287, 84-95 4.5 116

131 Dextromethorphan/levomethorphan issues in a case of opiate overdose. *Drug Testing and Analysis*, **2013**, 5, 781-4 3.5 12

130 Recent advances in the application of CE to forensic sciences, an update over years 2009-2011. *Electrophoresis*, **2012**, 33, 117-26 3.6 41

129 Direct screening of herbal blends for new synthetic cannabinoids by MALDI-TOF MS. *Journal of Mass Spectrometry*, **2012**, 47, 141-6 2.2 36

128	On the inter-instrument and the inter-laboratory transferability of a tandem mass spectral reference library. 3. Focus on ion trap and upfront CID. <i>Journal of Mass Spectrometry</i> , <b>2012</b> , 47, 263-70	2.2	32
127	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. <i>Journal of Chromatography A</i> , <b>2012</b> , 1267, 198-205	4.5	27
126	Analysis of synthetic cannabinoids in herbal blends by means of nano-liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 71, 45-53	3.5	38
125	Rapid analysis of caffeine in "smart drugs" and "energy drinks" by microemulsion electrokinetic chromatography (MEEKC). <i>Forensic Science International</i> , <b>2012</b> , 220, 279-83	2.6	21
124	Evaluation of four oral fluid devices (DDS <sup>®</sup> , Drugtest 5000 <sup>®</sup> , Drugwipe 5+ <sup>®</sup> and RapidSTAT <sup>®</sup> ) for on-site monitoring drugged driving in comparison with UHPLC-MS/MS analysis. <i>Forensic Science International</i> , <b>2012</b> , 221, 70-6	2.6	66
123	Analysis of drugs of forensic interest with capillary zone electrophoresis/time-of-flight mass spectrometry based on the use of non-volatile buffers. <i>Electrophoresis</i> , <b>2012</b> , 33, 599-606	3.6	26
122	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. <i>Forensic Science International</i> , <b>2012</b> , 216, 101-7	2.6	17
121	Toxicokinetics of cocaine and metabolites: the forensic toxicological approach. <i>Current Medicinal Chemistry</i> , <b>2012</b> , 19, 5658-63	4.3	15
120	Study of vitreous potassium correlation with time since death in the postmortem range from 2 to 110 hours using capillary ion analysis. <i>Medicine, Science and the Law</i> , <b>2011</b> , 51 Suppl 1, S20-3	1.1	19
119	Improved capillary electrophoresis determination of carbohydrate-deficient transferrin including on-line immunosubtraction. <i>Medicine, Science and the Law</i> , <b>2011</b> , 51, 26-31	1.1	14
118	Caveats against an improper use of hair testing to support the diagnosis of chronic excessive alcohol consumption, following the "Consensus" of the Society of Hair Testing 2009 [Forensic Science International 196 (2010) 2]. <i>Forensic Science International</i> , <b>2011</b> , 207, e69-70; author reply e71	2.6	11
117	Testing the specificity of the diatom test: search for false-positives. <i>Medicine, Science and the Law</i> , <b>2011</b> , 51 Suppl 1, S7-S10	1.1	20
116	Excerpts from 'SIMLA 2009 Ancona'. <i>Medicine, Science and the Law</i> , <b>2011</b> , 51 Suppl 1, S1	1.1	
115	Rapid determination of lithium in serum samples by capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 396, 2543-6	4.4	13
114	Determination of different recreational drugs in hair by HS-SPME and GC/MS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 397, 2987-95	4.4	49
113	Recent advances in the application of CE to forensic sciences: a update over years 2007-2009. <i>Electrophoresis</i> , <b>2010</b> , 31, 251-9	3.6	40
112	CEC-ESI ion trap MS of multiple drugs of abuse. <i>Electrophoresis</i> , <b>2010</b> , 31, 1256-63	3.6	28
111	Multielemental analysis of tissues from Cangrande della Scala, Prince of Verona, in the 14th century. <i>Journal of Analytical Toxicology</i> , <b>2009</b> , 33, 322-7	2.9	11



110	Capillary electrochromatographic separation of illicit drugs employing a cyano stationary phase. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 3652-9	4.5	16
109	Rapid optimized separation of bromide in serum samples with capillary zone electrophoresis by using glycerol as additive to the background electrolyte. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 3349-52	4.5	4
108	Rapid and direct determination of creatinine in urine using capillary zone electrophoresis. <i>Clinica Chimica Acta</i> , <b>2009</b> , 409, 52-5	6.2	44
107	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. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 3050-7	7.8	74
106	Criticism to the article: "Toward standardization of carbohydrate-deficient transferrin (CDT) measurements: I. Analyte definition and proposal of a candidate reference method". Authors: J.O Jeppsson et al. Clin Chem Lab Med 2007; 45(4):558-562. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2008</b> , 46, 725-6; author reply 727-8	5.9	4
105	Chapter 15 Forensic toxicological screening with capillary electrophoresis and related techniques. <i>Handbook of Analytical Separations</i> , <b>2008</b> , 6, 513-534	0.7	1
104	On the coupling of ion-exchange chromatography to surface-activated chemical ionization in the analysis of highly polar metabolites in diluted urine samples. <i>Rapid Communications in Mass Spectrometry</i> , <b>2008</b> , 22, 2134-8	2.2	3
103	Recent advances in the applications of CE to forensic sciences (2005-2007). <i>Electrophoresis</i> , <b>2008</b> , 29, 260-8	3.6	46
102	Capillary zone electrophoresis (CZE) coupled to time-of-flight mass spectrometry (TOF-MS) applied to the analysis of illicit and controlled drugs in blood. <i>Electrophoresis</i> , <b>2008</b> , 29, 4078-87	3.6	38
101	Objective post-mortem diagnosis of chronic alcohol abuse--a review of studies on new markers. <i>Legal Medicine</i> , <b>2008</b> , 10, 229-35	1.9	12
100	Post-mortem stability and redistribution of carbohydrate-deficient transferrin (CDT). <i>Forensic Science International</i> , <b>2008</b> , 174, 161-5	2.6	13
99	Carbohydrate-deficient transferrin determined in blood microsamples from healthy newborns by using capillary zone electrophoresis. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2007</b> , 67, 191-5	2	7
98	Carbohydrate-deficient transferrin (CDT): a reliable indicator of the risk of driving under the influence of alcohol when determined by capillary electrophoresis. <i>Forensic Science International</i> , <b>2007</b> , 170, 175-8	2.6	23
97	Hair analysis for illicit drugs by using capillary zone electrophoresis-electrospray ionization-ion trap mass spectrometry. <i>Journal of Chromatography A</i> , <b>2007</b> , 1159, 185-9	4.5	75
96	Broad-spectrum toxicological analysis of hair based on capillary zone electrophoresis-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , <b>2007</b> , 1159, 190-7	4.5	53
95	Current role of capillary electrophoretic/electrokinetic techniques in forensic toxicology. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 388, 1359-64	4.4	21
94	Fully automated analysis of Carbohydrate-Deficient Transferrin (CDT) by using a multicapillary electrophoresis system. <i>Clinica Chimica Acta</i> , <b>2007</b> , 380, 4-7	6.2	32
93	Recent advances in the applications of CE to forensic sciences (2001-2004). <i>Electrophoresis</i> , <b>2006</b> , 27, 231-43	3.6	50

92	Concepts and Principles of High Performance Capillary Electrophoresis. <i>Methods of Biochemical Analysis</i> , <b>2006</b> , 41-63		0
91	Applications of HPLC/HPCE in Forensics. <i>Methods of Biochemical Analysis</i> , <b>2006</b> , 164-205		
90	Direct analysis of bromide in human serum by capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2006</b> , 839, 2-5	3.2	16
89	Carbohydrate-deficient transferrin (CDT) as a marker of alcohol abuse: a critical review of the literature 2001-2005. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2006</b> , 841, 96-109	3.2	131
88	Analysis of carbohydrate-deficient transferrin: comparative evaluation of turbidimetric immunoassay, capillary zone electrophoresis, and HPLC. <i>Clinical Chemistry</i> , <b>2005</b> , 51, 2368-71	5.5	33
87	Determination of carbohydrate deficient transferrin (CDT) with capillary electrophoresis: an inter laboratory comparison. <i>Forensic Science International</i> , <b>2004</b> , 141, 153-7	2.6	12
86	Analysis of organic components of smokeless gunpowders: high-performance liquid chromatography vs. micellar electrokinetic capillary chromatography. <i>Electrophoresis</i> , <b>2004</b> , 25, 1543-7	3.6	29
85	Comments on "Capillary zone electrophoresis for determination of carbohydrate-deficient transferrin in human serum". <i>Electrophoresis</i> , <b>2004</b> , 25, 1723; author reply 1724-5	3.6	1
84	Determination of gamma-hydroxybutyric acid in biological fluids by using capillary electrophoresis with indirect detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2004</b> , 800, 239-44	3.2	28
83	Determination of alpha-bisabolol in human blood by micro-HPLC-ion trap MS and head space-GC-MS methods. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2004</b> , 812, 373-7	3.2	3
82	Rapid and direct analysis of gamma-hydroxybutyric acid in urine by capillary electrophoresis-electrospray ionization ion-trap mass spectrometry. <i>Journal of Chromatography A</i> , <b>2004</b> , 1051, 207-11	4.5	1
81	Interlaboratory reproducibility of mobility parameters in capillary electrophoresis for substance identification in systematic toxicological analysis. <i>Electrophoresis</i> , <b>2002</b> , 23, 67-73	3.6	19
80	Dermal nitrate: an old marker of firearm discharge revisited with capillary electrophoresis. <i>Electrophoresis</i> , <b>2002</b> , 23, 278-82	3.6	20
79	Capillary zone electrophoresis and artificial neural networks for estimation of the post-mortem interval (PMI) using electrolytes measurements in human vitreous humour. <i>International Journal of Legal Medicine</i> , <b>2002</b> , 116, 5-11	3.1	56
78	Determination of CDT, a marker of chronic alcohol abuse, for driving license issuing: immunoassay versus capillary electrophoresis. <i>Forensic Science International</i> , <b>2002</b> , 128, 53-8	2.6	22
77	Evaluation and optimization of capillary zone electrophoresis with different dynamic capillary coatings for the determination of carbohydrate-deficient transferrin in human serum. <i>Journal of Chromatography A</i> , <b>2002</b> , 979, 43-57	4.5	56
76	Caveats in Carbohydrate-deficient Transferrin Determination. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 208-209	5.5	13
75	Optimised determination of clobazam in human plasma with extraction and high-performance liquid chromatography analysis. <i>Biomedical Applications</i> , <b>2001</b> , 750, 177-80		17



74	Capillary electrophoresis: a new tool in forensic medicine and science. <i>Science and Justice - Journal of the Forensic Science Society</i> , <b>2001</b> , 41, 203-10	2	11
73	Potassium concentration differences in the vitreous humour from the two eyes revisited by microanalysis with capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>2001</b> , 924, 493-8	4.5	37
72	Use of beta-cyclodextrin in the capillary zone electrophoretic separation of the components of clandestine heroin preparations. <i>Journal of Chromatography A</i> , <b>2001</b> , 924, 499-506	4.5	32
71	Field-amplified sample stacking capillary zone electrophoresis applied to the analysis of opiate drugs in hair. <i>Electrophoresis</i> , <b>2000</b> , 21, 2891-8	3.6	46
70	Improved method for carbohydrate-deficient transferrin determination in human serum by capillary zone electrophoresis. <i>Biomedical Applications</i> , <b>2000</b> , 739, 81-93		52
69	Capillary electrophoretic separation of vitamins in sodium dodecyl sulfate containing buffers with lower aliphatic alcohols and n-hexane as organic modifiers. <i>Biomedical Applications</i> , <b>2000</b> , 741, 67-75		7
68	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. <i>Forensic Science International</i> , <b>2000</b> , 107, 121-8	2.6	37
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66	Capillary electrophoresis: a new analytical tool for forensic toxicologists. <i>Therapeutic Drug Monitoring</i> , <b>2000</b> , 22, 84-8	3.2	20
65	High sensitivity simultaneous determination in hair of the major constituents of ecstasy (3,4-methylenedioxymethamphetamine, 3,4-methylenedioxyamphetamine and 3,4-methylene-dioxyethylamphetamine) by high-performance liquid chromatography with direct fluorescence detection. <i>Biomedical Applications</i> , <b>1999</b> , 723, 195-202		25
64	Capillary zone electrophoresis of potassium in human vitreous humour: validation of a new method. <i>Biomedical Applications</i> , <b>1999</b> , 733, 273-9		35
63	Heroin overdose is often the truer description. <i>Addiction</i> , <b>1999</b> , 94, 973-4	4.6	8
62	Separation of Enantiomeric Ephedrine and Pseudoephedrine by High Pressure Liquid Chromatography and Capillary Electrophoresis. <i>Journal of Forensic Sciences</i> , <b>1999</b> , 44, 14496J	1.8	9
61	A brief introduction to capillary electrophoresis. <i>Forensic Science International</i> , <b>1998</b> , 92, 75-88	2.6	34
60	Hair analysis for abused drugs by capillary zone electrophoresis with field-amplified sample stacking. <i>Forensic Science International</i> , <b>1998</b> , 92, 201-11	2.6	39
59	Simultaneous chiral separation of 3,4-methylenedioxymethamphetamine, 3,4-methylenedioxyamphetamine, 3,4-methylenedioxyethylamphetamine, ephedrine, amphetamine and methamphetamine by capillary electrophoresis in uncoated and coated capillaries with native beta-cyclodextrin as the chiral selector: preliminary application to the	3.6	68
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57	Determination of illicit and/or abused drugs and compounds of forensic interest in biosamples by capillary electrophoretic/electrokinetic methods. <i>Biomedical Applications</i> , <b>1998</b> , 713, 27-49		51

56	Determination of thyroxine in the hair of newborns by radioimmunoassay with high-performance liquid chromatographic confirmation. <i>Biomedical Applications</i> , <b>1998</b> , 716, 77-82		22
55	Advances in capillary electrophoresis. <i>Forensic Science International</i> , <b>1998</b> , 92, 89-124	2.6	27
54	A simplified approach to capillary electrophoretic separation of polymerase chain reaction fragments of forensic interest. <i>Forensic Science International</i> , <b>1998</b> , 92, 259-268	2.6	4
53	Death from heroin overdose: findings from hair analysis. <i>Lancet, The</i> , <b>1998</b> , 351, 1923-5	40	82
52	Toxicological and Forensic Applications. <i>Journal of Chromatography Library</i> , <b>1998</b> , 60, 917-961		
51	Assessment of an automated immunoassay based on kinetic interaction of microparticles in solution for determination of opiates and cocaine metabolite in urine. <i>Annals of Clinical Biochemistry</i> , <b>1997</b> , 34 ( Pt 1), 81-4	2.2	4
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49	Determination of apomorphine in human plasma by alumina extraction and high-performance liquid chromatography with electrochemical detection. <i>Forensic Science International</i> , <b>1997</b> , 89, 81-91	2.6	15
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38	Forensic capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>1996</b> , 15, 513-525	14.6	14
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