

Franco Tagliaro

List of Publications by Citations

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|--------------------|-------------------------|----------------|-----------------|
| 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 | 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> , 2006 , 841, 96-109 | 3.2 | 131 |
| 198 | New challenges and innovation in forensic toxicology: focus on the "New Psychoactive Substances". <i>Journal of Chromatography A</i> , 2013 , 1287, 84-95 | 4.5 | 116 |
| 197 | Capillary electrophoresis for the investigation of illicit drugs in hair: determination of cocaine and morphine. <i>Journal of Chromatography A</i> , 1993 , 638, 303-9 | 4.5 | 83 |
| 196 | Death from heroin overdose: findings from hair analysis. <i>Lancet, The</i> , 1998 , 351, 1923-5 | 4.0 | 82 |
| 195 | Hair analysis for illicit drugs by using capillary zone electrophoresis-electrospray ionization-ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1159, 185-9 | 4.5 | 75 |
| 194 | Determination of morphine in the hair of heroin addicts by high performance liquid chromatography with fluorimetric detection. <i>Journal of Analytical Toxicology</i> , 1986 , 10, 158-61 | 2.9 | 75 |
| 193 | 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> , 2008 , 80, 3050-7 | 7.8 | 74 |
| 192 | Simultaneous chiral separation of 3,4-methylenedioxymethamphetamine, 3,4-methylenedioxyamphetamine, 3,4-methylenedioxyethylamphetamine, amphetamine and methamphetamine by capillary electrophoresis in uncoated and coated capillaries with native beta-cyclodextrin as the chiral selector; preliminary application to the analysis of urine and hair. <i>Journal of Chromatography B</i> , 2004 , 814, 19-24 | 3.6 | 68 |
| 191 | Evaluation of four oral fluid devices (DDS [®] , Drugtest 5000 [®] , Drugwipe 5+ [®] and RapidSTAT [®]) for on-site monitoring drugged driving in comparison with UHPLC-MS/MS analysis. <i>Forensic Science International</i> , 2012 , 221, 70-6 | 2.6 | 66 |
| 190 | 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. <i>Medicine, Science and the Law</i> , 2014 , 54, 22-7 | 1.1 | 59 |
| 189 | Toward Worldwide Hepcidin Assay Harmonization: Identification of a Commutable Secondary Reference Material. <i>Clinical Chemistry</i> , 2016 , 62, 993-1001 | 5.5 | 57 |
| 188 | Screening for new psychoactive substances in hair by ultrahigh performance liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1372C, 145-156 | 4.5 | 56 |
| 187 | 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> , 2002 , 116, 5-11 | 3.1 | 56 |
| 186 | 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> , 2002 , 979, 43-57 | 4.5 | 56 |
| 185 | Chiral separation of 12 cathinone analogs by cyclodextrin-assisted capillary electrophoresis with UV and mass spectrometry detection. <i>Electrophoresis</i> , 2014 , 35, 3231-41 | 3.6 | 55 |
| 184 | Chromatographic methods for blood alcohol determination. <i>Biomedical Applications</i> , 1992 , 580, 161-90 | | 55 |
| 183 | Solvent-Responsive Molecularly Imprinted Nanogels for Targeted Protein Analysis in MALDI-TOF Mass Spectrometry. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 6908-6915 | 9.5 | 53 |

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| 182 | Broad-spectrum toxicological analysis of hair based on capillary zone electrophoresis-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1159, 190-7 | 4.5 | 53 |
| 181 | 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. <i>Forensic Science International</i> , 1997 , 89, 33-46 | 2.6 | 52 |
| 180 | Improved method for carbohydrate-deficient transferrin determination in human serum by capillary zone electrophoresis. <i>Biomedical Applications</i> , 2000 , 739, 81-93 | | 52 |
| 179 | Determination of illicit and/or abused drugs and compounds of forensic interest in biosamples by capillary electrophoretic/electrokinetic methods. <i>Biomedical Applications</i> , 1998 , 713, 27-49 | | 51 |
| 178 | High-performance liquid chromatographic determination of morphine in biological samples: an overview of separation methods and detection techniques. <i>Biomedical Applications</i> , 1989 , 488, 215-28 | | 51 |
| 177 | Recent advances in the applications of CE to forensic sciences (2001-2004). <i>Electrophoresis</i> , 2006 , 27, 231-43 | 3.6 | 50 |
| 176 | Complementary use of capillary zone electrophoresis and micellar electrokinetic capillary chromatography for mutual confirmation of results in forensic drug analysis. <i>Journal of Chromatography A</i> , 1996 , 735, 227-35 | 4.5 | 50 |
| 175 | Determination of different recreational drugs in hair by HS-SPME and GC/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 2987-95 | 4.4 | 49 |
| 174 | Optimized determination of carbohydrate-deficient transferrin isoforms in serum by capillary zone electrophoresis. <i>Electrophoresis</i> , 1998 , 19, 3033-9 | 3.6 | 49 |
| 173 | Hair analysis, a novel tool in forensic and biomedical sciences: new chromatographic and electrophoretic/electrokinetic analytical strategies. <i>Biomedical Applications</i> , 1997 , 689, 261-71 | | 47 |
| 172 | Recent advances in the applications of CE to forensic sciences (2005-2007). <i>Electrophoresis</i> , 2008 , 29, 260-8 | 3.6 | 46 |
| 171 | Field-amplified sample stacking capillary zone electrophoresis applied to the analysis of opiate drugs in hair. <i>Electrophoresis</i> , 2000 , 21, 2891-8 | 3.6 | 46 |
| 170 | Rapid and direct determination of creatinine in urine using capillary zone electrophoresis. <i>Clinica Chimica Acta</i> , 2009 , 409, 52-5 | 6.2 | 44 |
| 169 | Biomedical applications of capillary electrophoresis. <i>Biomedical Applications</i> , 1994 , 656, 3-27 | | 44 |
| 168 | Recent advances in the application of CE to forensic sciences, an update over years 2009-2011. <i>Electrophoresis</i> , 2012 , 33, 117-26 | 3.6 | 41 |
| 167 | Recent advances in the application of CE to forensic sciences: a update over years 2007-2009. <i>Electrophoresis</i> , 2010 , 31, 251-9 | 3.6 | 40 |
| 166 | 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. <i>Forensic Science International</i> , 1997 , 84, 165-77 | 2.6 | 40 |
| 165 | Hair analysis for abused drugs by capillary zone electrophoresis with field-amplified sample stacking. <i>Forensic Science International</i> , 1998 , 92, 201-11 | 2.6 | 39 |

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| 164 | Investigation of the electrochemical oxidation of clenbuterol at a porous carbon electrode, and its application to the determination of this β -agonist in bovine hair by liquid chromatography with coulometric detection. <i>Analytica Chimica Acta</i> , 1996 , 322, 159-166 | 6.6 | 39 |
| 163 | Determination of illicit drugs and related substances by high-performance liquid chromatography with an electrochemical coulometric-array detector. <i>Journal of Chromatography A</i> , 1996 , 729, 273-7 | 4.5 | 39 |
| 162 | Analysis of synthetic cannabinoids in herbal blends by means of nano-liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 71, 45-53 | 3.5 | 38 |
| 161 | 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> , 2008 , 29, 4078-87 | 3.6 | 38 |
| 160 | Potassium concentration differences in the vitreous humour from the two eyes revisited by microanalysis with capillary electrophoresis. <i>Journal of Chromatography A</i> , 2001 , 924, 493-8 | 4.5 | 37 |
| 159 | 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> , 2000 , 107, 121-8 | 2.6 | 37 |
| 158 | The development of paper microfluidic devices for presumptive drug detection. <i>Analytical Methods</i> , 2015 , 7, 8025-8033 | 3.2 | 36 |
| 157 | Direct screening of herbal blends for new synthetic cannabinoids by MALDI-TOF MS. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 141-6 | 2.2 | 36 |
| 156 | Capillary zone electrophoresis of potassium in human vitreous humour: validation of a new method. <i>Biomedical Applications</i> , 1999 , 733, 273-9 | | 35 |
| 155 | Integrated use of hair analysis to investigate the physical fitness to obtain the driving licence: a casework study. <i>Forensic Science International</i> , 1997 , 84, 129-35 | 2.6 | 34 |
| 154 | A brief introduction to capillary electrophoresis. <i>Forensic Science International</i> , 1998 , 92, 75-88 | 2.6 | 34 |
| 153 | Analysis of carbohydrate-deficient transferrin: comparative evaluation of turbidimetric immunoassay, capillary zone electrophoresis, and HPLC. <i>Clinical Chemistry</i> , 2005 , 51, 2368-71 | 5.5 | 33 |
| 152 | Reversed-phase high-performance liquid chromatographic determination of cocaine in plasma and human hair with direct fluorimetric detection. <i>Journal of Chromatography A</i> , 1994 , 674, 207-15 | 4.5 | 33 |
| 151 | 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> , 2012 , 47, 263-70 | 2.2 | 32 |
| 150 | Fully automated analysis of Carbohydrate-Deficient Transferrin (CDT) by using a multicapillary electrophoresis system. <i>Clinica Chimica Acta</i> , 2007 , 380, 4-7 | 6.2 | 32 |
| 149 | Use of beta-cyclodextrin in the capillary zone electrophoretic separation of the components of clandestine heroin preparations. <i>Journal of Chromatography A</i> , 2001 , 924, 499-506 | 4.5 | 32 |
| 148 | Micro computed tomography features of laryngeal fractures in a case of fatal manual strangulation. <i>Legal Medicine</i> , 2016 , 18, 85-9 | 1.9 | 30 |
| 147 | Analysis of organic components of smokeless gunpowders: high-performance liquid chromatography vs. micellar electrokinetic capillary chromatography. <i>Electrophoresis</i> , 2004 , 25, 1543-7 | 3.6 | 29 |

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| 146 | Capillary electrophoresis: a new tool in forensic toxicology. Applications and prospects in hair analysis for illicit drugs. <i>Forensic Science International</i> , 1995 , 70, 93-104 | 2.6 | 29 |
| 145 | Analytical and diagnostic aspects of carbohydrate deficient transferrin (CDT): A critical review over years 2007-2017. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 147, 2-12 | 3.5 | 28 |
| 144 | CEC-ESI ion trap MS of multiple drugs of abuse. <i>Electrophoresis</i> , 2010 , 31, 1256-63 | 3.6 | 28 |
| 143 | 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> , 2004 , 800, 239-44 | 3.2 | 28 |
| 142 | Capillary electrophoresis: principles and applications in illicit drug analysis. <i>Forensic Science International</i> , 1996 , 77, 211-29 | 2.6 | 28 |
| 141 | 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> , 2012 , 1267, 198-205 | 4.5 | 27 |
| 140 | Advances in capillary electrophoresis. <i>Forensic Science International</i> , 1998 , 92, 89-124 | 2.6 | 27 |
| 139 | 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> , 2012 , 33, 599-606 | 3.6 | 26 |
| 138 | Analysis of Morphine by RIA and HPLC in Fingernail Clippings Obtained from Heroin Users. <i>Journal of Forensic Sciences</i> , 2000 , 45, 14695J | 1.8 | 26 |
| 137 | Neurological, sensorimotor and cardiorespiratory alterations induced by methoxetamine, ketamine and phencyclidine in mice. <i>Neuropharmacology</i> , 2018 , 141, 167-180 | 5.5 | 25 |
| 136 | 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> , 1999 , 723, 195-202 | | 25 |
| 135 | Chiral separation and determination of ketamine and norketamine in hair by capillary electrophoresis. <i>Forensic Science International</i> , 2016 , 266, 304-310 | 2.6 | 23 |
| 134 | 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> , 2007 , 170, 175-8 | 2.6 | 23 |
| 133 | High-sensitivity low-cost methods for determination of cocaine in hair: high-performance liquid chromatography and capillary electrophoresis. <i>Forensic Science International</i> , 1993 , 63, 227-38 | 2.6 | 23 |
| 132 | Determination of thyroxine in the hair of newborns by radioimmunoassay with high-performance liquid chromatographic confirmation. <i>Biomedical Applications</i> , 1998 , 716, 77-82 | | 22 |
| 131 | Determination of CDT, a marker of chronic alcohol abuse, for driving license issuing: immunoassay versus capillary electrophoresis. <i>Forensic Science International</i> , 2002 , 128, 53-8 | 2.6 | 22 |
| 130 | Rapid analysis of caffeine in "smart drugs" and "energy drinks" by microemulsion electrokinetic chromatography (MEEKC). <i>Forensic Science International</i> , 2012 , 220, 279-83 | 2.6 | 21 |
| 129 | Current role of capillary electrophoretic/electrokinetic techniques in forensic toxicology. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 388, 1359-64 | 4.4 | 21 |

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| 128 | HPLC determination of morphine with amperometric detection at low potentials under basic pH conditions. <i>Chromatographia</i> , 1988 , 26, 163-167 | 2.1 | 21 |
| 127 | Testing the specificity of the diatom test: search for false-positives. <i>Medicine, Science and the Law</i> , 2011 , 51 Suppl 1, S7-S10 | 1.1 | 20 |
| 126 | Dermal nitrate: an old marker of firearm discharge revisited with capillary electrophoresis. <i>Electrophoresis</i> , 2002 , 23, 278-82 | 3.6 | 20 |
| 125 | Capillary zone electrophoresis determination of phenylalanine in serum: a rapid, inexpensive and simple method for the diagnosis of phenylketonuria. <i>Electrophoresis</i> , 1994 , 15, 94-7 | 3.6 | 20 |
| 124 | Collisional spectroscopy for unequivocal and rapid determination of morphine at ppb level in the hair of heroin addicts. <i>Biomedical & Environmental Mass Spectrometry</i> , 1987 , 14, 63-8 | | 20 |
| 123 | Liquid chromatography with pre-column dansyl derivatisation and fluorimetric detection applied to the assay of morphine in biological samples. <i>Journal of Chromatography A</i> , 1985 , 330, 323-31 | 4.5 | 20 |
| 122 | Capillary electrophoresis: a new analytical tool for forensic toxicologists. <i>Therapeutic Drug Monitoring</i> , 2000 , 22, 84-8 | 3.2 | 20 |
| 121 | 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> , 2011 , 51 Suppl 1, S20-3 | 1.1 | 19 |
| 120 | Interlaboratory reproducibility of mobility parameters in capillary electrophoresis for substance identification in systematic toxicological analysis. <i>Electrophoresis</i> , 2002 , 23, 67-73 | 3.6 | 19 |
| 119 | Direct injection high-performance liquid chromatographic method with electrochemical detection for the determination of ethanol and methanol in plasma using an alcohol oxidase reactor. <i>Biomedical Applications</i> , 1991 , 566, 333-9 | | 19 |
| 118 | Study of the capillary zone electrophoretic behaviour of selected drugs, and its comparison with other analytical techniques for their formulation assay. <i>Journal of Chromatography A</i> , 1996 , 735, 237-247 | 4.5 | 18 |
| 117 | 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> , 2012 , 216, 101-7 | 2.6 | 17 |
| 116 | Optimised determination of clobazam in human plasma with extraction and high-performance liquid chromatography analysis. <i>Biomedical Applications</i> , 2001 , 750, 177-80 | | 17 |
| 115 | Improved high-performance liquid chromatographic determination with amperometric detection of alpha-amanitin in human plasma based on its voltammetric study. <i>Biomedical Applications</i> , 1991 , 563, 299-311 | | 17 |
| 114 | Methods for chromatographic determination of amanitins and related toxins in biological samples. <i>Biomedical Applications</i> , 1992 , 580, 279-91 | | 17 |
| 113 | Capillary electrochromatographic separation of illicit drugs employing a cyano stationary phase. <i>Journal of Chromatography A</i> , 2009 , 1216, 3652-9 | 4.5 | 16 |
| 112 | Direct analysis of bromide in human serum by capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006 , 839, 2-5 | 3.2 | 16 |
| 111 | Ion-trap mass spectrometry applications in forensic sciences. I. Identification of morphine and cocaine in hair extracts of drug addicts. <i>Rapid Communications in Mass Spectrometry</i> , 1992 , 6, 434-7 | 2.2 | 16 |

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| 110 | Vitreous humor endogenous compounds analysis for post-mortem forensic investigation. <i>Forensic Science International</i> , 2020 , 310, 110235 | 2.6 | 15 |
| 109 | Toxicokinetics of cocaine and metabolites: the forensic toxicological approach. <i>Current Medicinal Chemistry</i> , 2012 , 19, 5658-63 | 4.3 | 15 |
| 108 | Determination of apomorphine in human plasma by alumina extraction and high-performance liquid chromatography with electrochemical detection. <i>Forensic Science International</i> , 1997 , 89, 81-91 | 2.6 | 15 |
| 107 | Capillary zone electrophoresis/electrospray ionization mass spectrometry for the characterization of drugs of forensic interest. <i>Rapid Communications in Mass Spectrometry</i> , 1995 , 9, 1487-1491 | 2.2 | 15 |
| 106 | Parathyroid hormone, calcitonin and vitamin D metabolites in beta-thalassaemia major. <i>European Journal of Pediatrics</i> , 1986 , 145, 133-6 | 4.1 | 15 |
| 105 | Chiral analysis of methorphan in opiate-overdose related deaths by using capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 1000, 130-5 | 3.2 | 14 |
| 104 | Improved capillary electrophoresis determination of carbohydrate-deficient transferrin including on-line immunosubtraction. <i>Medicine, Science and the Law</i> , 2011 , 51, 26-31 | 1.1 | 14 |
| 103 | Forensic capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 1996 , 15, 513-525 | 14.6 | 14 |
| 102 | Role of MyD88 signaling in the imiquimod-induced mouse model of psoriasis: focus on innate myeloid cells. <i>Journal of Leukocyte Biology</i> , 2017 , 102, 791-803 | 6.5 | 13 |
| 101 | Rapid determination of lithium in serum samples by capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 2543-6 | 4.4 | 13 |
| 100 | Post-mortem stability and redistribution of carbohydrate-deficient transferrin (CDT). <i>Forensic Science International</i> , 2008 , 174, 161-5 | 2.6 | 13 |
| 99 | Caveats in Carbohydrate-deficient Transferrin Determination. <i>Clinical Chemistry</i> , 2002 , 48, 208-209 | 5.5 | 13 |
| 98 | Pharmacokinetics of a new nitroderivative of acetylsalicylic acid after a single dose in rats. <i>Life Sciences</i> , 1997 , 60, 101-6 | 6.8 | 13 |
| 97 | Immune response to opiates: new findings in heroin addicts investigated by means of an original enzyme immunoassay and morphine determination in hair. <i>Life Sciences</i> , 1993 , 53, 99-105 | 6.8 | 13 |
| 96 | Direct injection high-performance liquid chromatographic assay of morphine with electrochemical detection, a polymeric column and an alkaline eluent. <i>Journal of Chromatography A</i> , 1990 , 507, 253-8 | 4.5 | 13 |
| 95 | High serum calcitonin levels in heroin addicts. <i>Journal of Endocrinological Investigation</i> , 1984 , 7, 331-3 | 5.2 | 13 |
| 94 | Relationship between pharmacokinetics and pharmacodynamics of clopidogrel in patients undergoing percutaneous coronary intervention: comparison between vasodilator-stimulated phosphoprotein phosphorylation assay and multiple electrode aggregometry. <i>Journal of Thrombosis and Haemostasis</i> , 2016 , 14, 282-93 | 15.4 | 13 |
| 93 | "Positive" urine testing for Cannabis is associated with increased risk of traffic crashes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 151, 71-74 | 3.5 | 12 |

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| 92 | Dextromethorphan/levomethorphan issues in a case of opiate overdose. <i>Drug Testing and Analysis</i> , 2013 , 5, 781-4 | 3.5 | 12 |
| 91 | Objective post-mortem diagnosis of chronic alcohol abuse--a review of studies on new markers. <i>Legal Medicine</i> , 2008 , 10, 229-35 | 1.9 | 12 |
| 90 | Determination of carbohydrate deficient transferrin (CDT) with capillary electrophoresis: an inter laboratory comparison. <i>Forensic Science International</i> , 2004 , 141, 153-7 | 2.6 | 12 |
| 89 | In vivo metabolism of the new synthetic cannabinoid APINAC in rats by GCMS and LCQTOF-MS. <i>Forensic Toxicology</i> , 2017 , 35, 359-368 | 2.6 | 11 |
| 88 | Multielemental analysis of tissues from Cangrande della Scala, Prince of Verona, in the 14th century. <i>Journal of Analytical Toxicology</i> , 2009 , 33, 322-7 | 2.9 | 11 |
| 87 | 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> , 2011 , 207, e69-70; author reply e71 | 2.6 | 11 |
| 86 | Capillary electrophoresis: a new tool in forensic medicine and science. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2001 , 41, 203-10 | 2 | 11 |
| 85 | "Tampering to Death": A Fatal Codeine Intoxication Due to a Homemade Purification of a Medical Formulation. <i>Journal of Forensic Sciences</i> , 2017 , 62, 1671-1673 | 1.8 | 10 |
| 84 | Development of post-column enzymic reactors with immobilized alcohol oxidase for use in the high-performance liquid chromatographic assay of alcohols with electrochemical detection. <i>Biomedical Applications</i> , 1991 , 563, 11-21 | | 10 |
| 83 | Improved high performance liquid chromatographic determination of amanitins with electrochemical detection. <i>Chromatographia</i> , 1987 , 24, 482-486 | 2.1 | 10 |
| 82 | Nano-liquid chromatography for enantiomers separation of baclofen by using vancomycin silica stationary phase. <i>Journal of Chromatography A</i> , 2019 , 1605, 360358 | 4.5 | 9 |
| 81 | 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. <i>Clinica Chimica Acta</i> , 2013 , 416, 1-4 | 6.2 | 9 |
| 80 | Capillary electrophoresis of hair proteins modified by alcohol intake in laboratory rats. <i>Journal of Chromatography A</i> , 1995 , 709, 111-9 | 4.5 | 9 |
| 79 | Separation of Enantiomeric Ephedrine and Pseudoephedrine High Pressure Liquid Chromatography and Capillary Electrophoresis. <i>Journal of Forensic Sciences</i> , 1999 , 44, 14496J | 1.8 | 9 |
| 78 | 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> , 2021 , 11, 292-298 | 14 | 9 |
| 77 | 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> , 2019 , 1591, 147-154 | 4.5 | 9 |
| 76 | 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> , 2021 , 135, 845-852 | 3.1 | 9 |
| 75 | Screening of the binding properties of molecularly imprinted nanoparticles via capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 3435-43 | 4.4 | 8 |

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| 74 | 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>Biochemia Medica</i> , 2017 , 27, 398-403 | 2.5 | 8 |
| 73 | A medieval case of digitalis poisoning: the sudden death of Cangrande della Scala, lord of verona (1291-1329). <i>Journal of Archaeological Science</i> , 2015 , 54, 162-167 | 2.9 | 8 |
| 72 | Heroin overdose is often the truer description. <i>Addiction</i> , 1999 , 94, 973-4 | 4.6 | 8 |
| 71 | Ion trap mass spectrometry, a new tool in the investigation of drugs of abuse in hair. <i>Forensic Science International</i> , 1993 , 63, 239-52 | 2.6 | 8 |
| 70 | Use of enzymatic reactors in the high performance liquid chromatographic determination of ethanol and methanol with electrochemical detection. <i>Biomedical Chromatography</i> , 1990 , 4, 224-8 | 1.7 | 8 |
| 69 | Calcitonin serum levels in heroin addicts: effects of methadone and clonidine detoxication treatments. <i>Drug and Alcohol Dependence</i> , 1985 , 16, 181-3 | 4.9 | 8 |
| 68 | Virtual Autopsy as a Screening Test Before Traditional Autopsy: The Verona Experience on 25 Cases. <i>Journal of Pathology Informatics</i> , 2018 , 9, 28 | 4.4 | 8 |
| 67 | First objective association between elevated carbohydrate-deficient transferrin concentrations and alcohol-related traffic accidents. <i>Alcoholism: Clinical and Experimental Research</i> , 2015 , 39, 2108-14 | 3.7 | 7 |
| 66 | Carbohydrate-deficient transferrin determined in blood microsamples from healthy newborns by using capillary zone electrophoresis. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2007 , 67, 191-5 | 2 | 7 |
| 65 | 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> , 2000 , 741, 67-75 | | 7 |
| 64 | Rapid discrimination between HIV-1 and HIV-2 infection. <i>Lancet, The</i> , 1989 , 2, 1156-7 | 4.0 | 7 |
| 63 | Use of finger-prick dried blood spots (fpDBS) and capillary electrophoresis for carbohydrate deficient transferrin (CDT) screening in forensic toxicology. <i>Electrophoresis</i> , 2016 , 37, 2867-2874 | 3.6 | 7 |
| 62 | 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> , 2019 , 57, 504-509 | 5.9 | 7 |
| 61 | 106 Free solution capillary electrophoresis of theophylline in serum. <i>Fresenius Journal of Analytical Chemistry</i> , 1992 , 343, 168-169 | | 6 |
| 60 | Morphometric analysis of stab wounds by MSCT and MRI after the instillation of contrast medium. <i>Radiologia Medica</i> , 2016 , 121, 494-501 | 6.5 | 6 |
| 59 | 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> , 2017 , 409, 1369-1378 | 4.4 | 5 |
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