Roberto Mandrioli

List of Publications by Year
in descending order

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111 papers	3,616 citations	101384 36 h-index	182168 51 g-index
111 all docs	111 docs citations	111 times ranked	3996 citing authors

#	Article	IF	Citations
1	Dried Volumetric Microsampling Approaches for the Therapeutic Drug Monitoring of Psychiatric Patients Undergoing Clozapine Treatment. Frontiers in Psychiatry, 2022, 13, .	1.3	11
2	VAMS and StAGE as innovative tools for the enantioselective determination of clenbuterol in urine by LC-MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2021, 195, 113873.	1.4	11
3	Free and Conjugated Phenolic Profiles and Antioxidant Activity in Quinoa Seeds and Their Relationship with Genotype and Environment. Plants, 2021, 10, 1046.	1.6	19
4	Enhanced urinary stability of peptide hormones and growth factors by dried urine microsampling. Journal of Pharmaceutical and Biomedical Analysis, 2021, 204, 114234.	1.4	12
5	Discriminating different Cannabis sativa L. chemotypes using attenuated total reflectance - infrared (ATR-FTIR) spectroscopy: A proof of concept. Journal of Pharmaceutical and Biomedical Analysis, 2021, 204, 114270.	1.4	15
6	Ion-Channel Antiepileptic Drugs: An Analytical Perspective on the Therapeutic Drug Monitoring (TDM) of Ezogabine, Lacosamide, and Zonisamide. Analyticaâ€"A Journal of Analytical Chemistry and Chemical Analysis, 2021, 2, 171-194.	0.8	2
7	Quantitative microsampling for bioanalytical applications related to the SARS-CoV-2 pandemic: Usefulness, benefits and pitfalls. Journal of Pharmaceutical and Biomedical Analysis, 2020, 191, 113597.	1.4	20
8	Dried Urine Microsampling Coupled to Liquid Chromatographyâ€"Tandem Mass Spectrometry (LCâ€"MS/MS) for the Analysis of Unconjugated Anabolic Androgenic Steroids. Molecules, 2020, 25, 3210.	1.7	14
9	Assessment of capillary volumetric blood microsampling for the analysis of central nervous system drugs and metabolites. Analyst, The, 2020, 145, 5744-5753.	1.7	24
10	Analyticaâ€"A Journal of Analytical Chemistry and Chemical Analysis. Analyticaâ€"A Journal of Analytical Chemistry and Chemical Analysis, 2020, 1, 12-13.	0.8	1
11	Fruit Quality Characterization of New Sweet Cherry Cultivars as a Good Source of Bioactive Phenolic Compounds with Antioxidant and Neuroprotective Potential. Antioxidants, 2020, 9, 677.	2.2	31
12	Clinopodium tomentosum (Kunth) Govaerts Leaf Extract Influences in vitro Cell Proliferation and Angiogenesis on Primary Cultures of Porcine Aortic Endothelial Cells. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-11.	1.9	3
13	Microsampling and LCâ€"MS/MS for antidoping testing of glucocorticoids in urine. Bioanalysis, 2020, 12, 769-782.	0.6	22
14	Blood and Plasma Volumetric Absorptive Microsampling (VAMS) Coupled to LC-MS/MS for the Forensic Assessment of Cocaine Consumption. Molecules, 2020, 25, 1046.	1.7	28
15	Newâ€generation, nonâ€SSRI antidepressants: Drugâ€drug interactions and therapeutic drug monitoring. Part 2: NaSSAs, NRIs, SNDRIs, MASSAs, NDRIs, and others. Medicinal Research Reviews, 2020, 40, 1794-1832.	5.0	34
16	Whole blood and oral fluid microsampling for the monitoring of patients under treatment with antidepressant drugs. Journal of Pharmaceutical and Biomedical Analysis, 2020, 188, 113384.	1.4	29
17	An Original HPLC Method with Coulometric Detection to Monitor Hydroxyl Radical Generation via Fenton Chemistry. Molecules, 2019, 24, 3066.	1.7	16
18	Perspectives and strategies for anti-doping analysis. Bioanalysis, 2019, 11, 149-152.	0.6	19

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19	Analysis of Artemisia annua extracts and related products by high performance liquid chromatography-tandem mass spectrometry coupled to sample treatment miniaturisation. Journal of Pharmaceutical and Biomedical Analysis, 2019, 174, 81-88.	1.4	10
20	In Vitro Anti-Inflammatory Effect of Salvia sagittata Ethanolic Extract on Primary Cultures of Porcine Aortic Endothelial Cells. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.	1.9	10
21	Changes in carotenoids, phenolic acids and antioxidant capacity in bread wheat doughs fermented with different lactic acid bacteria strains. Food Chemistry, 2019, 292, 211-216.	4.2	64
22	Tutorial: Volumetric absorptive microsampling (VAMS). Analytica Chimica Acta, 2019, 1046, 32-47.	2.6	119
23	Determination of oxycodone and its major metabolites in haematic and urinary matrices: Comparison of traditional and miniaturised sampling approaches. Journal of Pharmaceutical and Biomedical Analysis, 2018, 152, 204-214.	1.4	53
24	Enantioseparation and determination of asenapine in biological fluid micromatrices by HPLC with diode array detection. Journal of Separation Science, 2018, 41, 1257-1265.	1.3	24
25	New-Generation, Non-SSRI Antidepressants: Therapeutic Drug Monitoring and Pharmacological Interactions. Part 1: SNRIs, SMSs, SARIs. Current Medicinal Chemistry, 2018, 25, 772-792.	1.2	39
26	Analytical profiling of selected antioxidants and total antioxidant capacity of goji (Lycium spp.) berries. Journal of Pharmaceutical and Biomedical Analysis, 2017, 143, 252-260.	1.4	42
27	Dialyzability of Oxycodone and Its Metabolites in Chronic Noncancer Pain Patients with Endâ€Stage Renal Disease. Pain Practice, 2017, 17, 604-615.	0.9	12
28	Integrated Evaluation of the Potential Health Benefits of Einkorn-Based Breads. Nutrients, 2017, 9, 1232.	1.7	38
29	Metabolism of Drugs Used in the Therapy of Seizures: An Analytical Point of View. Part 1. Current Drug Metabolism, 2017, 18, 735-756.	0.7	6
30	Evaluation of the pharmacokinetics, safety and clinical efficacy of ziprasidone for the treatment of schizophrenia and bipolar disorder. Expert Opinion on Drug Metabolism and Toxicology, 2015, 11, 149-174.	1.5	14
31	Discontinued anxiolytic drugs (2009 â€“ 2014). Expert Opinion on Investigational Drugs, 2015, 24, 557-573.	1.9	8
32	Novel Atypical Antipsychotics: Metabolism and Therapeutic Drug Monitoring (TDM). Current Drug Metabolism, 2015, 16, 141-151.	0.7	15
33	Dried blood spot testing: a novel approach for the therapeutic drug monitoring of ziprasidone-treated patients. Bioanalysis, 2014, 6, 1487-1495.	0.6	20
34	A fast and feasible microextraction by packed sorbent (MEPS) procedure for HPLC analysis of the atypical antipsychotic ziprasidone in human plasma. Journal of Pharmaceutical and Biomedical Analysis, 2014, 88, 467-471.	1.4	28
35	Recent trends in the analysis of amino acids in fruits and derived foodstuffs. Analytical and Bioanalytical Chemistry, 2013, 405, 7941-7956.	1.9	38
36	Dried blood spots: Liquid chromatographyâ€“mass spectrometry analysis of Î”9-tetrahydrocannabinol and its main metabolites. Journal of Chromatography A, 2013, 1271, 33-40.	1.8	55

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37	Evaluation of the pharmacokinetics, safety and clinical efficacy of sertraline used to treat social anxiety. Expert Opinion on Drug Metabolism and Toxicology, 2013, 9, 1495-1505.	1.5	17
38	Quantitative Evaluation of Auraptene and Umbelliferone, Chemopreventive Coumarins in Citrus Fruits, by HPLC-UV-FL-MS. Journal of Agricultural and Food Chemistry, 2013, 61, 1694-1701.	2.4	24
39	Monitoring of chronic Cannabis abuse: An LCâ€"MS/MS method for hair analysis. Journal of Pharmaceutical and Biomedical Analysis, 2013, 76, 119-125.	1.4	50
40	Selective Serotonin Reuptake Inhibitors (SSRIs): Therapeutic Drug Monitoring and Pharmacological Interactions. Current Medicinal Chemistry, 2012, 19, 1846-1863.	1.2	88
41	Content of melatonin and other antioxidants in grapeâ€related foodstuffs: measurement using a MEPSâ€HPLCâ€F method. Journal of Pineal Research, 2012, 53, 21-28.	3.4	106
42	Analysis of risperidone and 9-hydroxyrisperidone in human plasma, urine and saliva by MEPS-LC-UV. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 167-173.	1.2	59
43	Chiral analysis of amphetamines, methadone and metabolites in biological samples by electrodriven methods. Electrophoresis, 2011, 32, 2629-2639.	1.3	12
44	Fast analysis of amino acids in wine by capillary electrophoresis with laserâ€induced fluorescence detection. Electrophoresis, 2011, 32, 2809-2815.	1.3	20
45	Determination of aloe emodin in Aloe vera extracts and commercial formulations by HPLC with tandem UV absorption and fluorescence detection. Food Chemistry, 2011, 126, 387-393.	4.2	57
46	Simultaneous HPLC-F analysis of three recent antiepileptic drugs in human plasma. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 62-67.	1.4	32
47	Simultaneous HPLC determination of 14 tricyclic antidepressants and metabolites in human plasma. Journal of Separation Science, 2010, 33, 23-30.	1.3	23
48	Fast CE analysis of adrenergic amines in different parts of Citrus aurantium fruit and dietary supplements. Journal of Separation Science, 2010, 33, 2520-2527.	1.3	26
49	Determination of topiramate in human plasma by capillary electrophoresis with indirect UV detection. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 1319-1323.	1.4	16
50	Analysis of cocaine and two metabolites in dried blood spots by liquid chromatography with fluorescence detection: A novel test for cocaine and alcohol intake. Journal of Chromatography A, 2010, 1217, 7242-7248.	1.8	49
51	Metabolism of Benzodiazepine and Non-Benzodiazepine Anxiolytic-Hypnotic Drugs: an Analytical Point of View. Current Drug Metabolism, 2010, 11, 815-829.	0.7	39
52	Determination of duloxetine in human plasma by capillary electrophoresis with laser-induced fluorescence detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 1126-1132.	1.2	24
53	Simultaneous analysis of diazepam and its metabolites in rat plasma and brain tissue by HPLC-UV and SPE. Talanta, 2009, 80, 279-285.	2.9	46
54	Enantioseparation of the antidepressant reboxetine. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 991-996.	1.4	4

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55	Separation and HPLC analysis of 15 benzodiazepines in human plasma. Journal of Separation Science, 2008, 31, 2619-2626.	1.3	27
56	Electrodriven methods for the enantioseparation of secondâ€generation antidepressant drugs: An update. Electrophoresis, 2008, 29, 252-259.	1.3	6
57	Enantioselective analysis of amisulpride in pharmaceutical formulations by means of capillary electrophoresis. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 966-970.	1.4	20
58	Quantitative analysis of cocaine in human hair by HPLC with fluorescence detection. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 456-461.	1.4	32
59	New environmental sensitive system for colon-specific delivery of peptidic drugs. International Journal of Pharmaceutics, 2008, 358, 44-49.	2.6	33
60	Benzodiazepine Metabolism: An Analytical Perspective. Current Drug Metabolism, 2008, 9, 827-844.	0.7	123
61	Possible levomepromazineâ€"clozapine interaction: Two case reports. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 567-570.	2.5	12
62	Determination of vigabatrin in human plasma by means of CE with LIF detection. Electrophoresis, 2007, 28, 3535-3541.	1.3	16
63	Analysis of aromatic and terpenic constituents of pepper extracts by capillary electrochromatography. Journal of Separation Science, 2007, 30, 612-619.	1.3	37
64	Determination of the antidepressant paroxetine and its three main metabolites in human plasma by liquid chromatography with fluorescence detection. Analytica Chimica Acta, 2007, 591, 141-147.	2.6	17
65	Simultaneous determination of methadone, buprenorphine and norbuprenorphine in biological fluids for therapeutic drug monitoring purposes. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 847, 95-102.	1.2	33
66	HPLC analysis of the novel antidepressant duloxetine in human plasma after an original solid-phase extraction procedure. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 856, 81-87.	1.2	37
67	Analysis of the second generation antidepressant venlafaxine and its main active metabolite O-desmethylvenlafaxine in human plasma by HPLC with spectrofluorimetric detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 856, 88-94.	1.2	43
68	Sensitive and selective determination of glutathione in probiotic bacteria by capillary electrophoresisâ€"laser induced fluorescence. Analytical and Bioanalytical Chemistry, 2007, 387, 917-924.	1.9	47
69	Determination of the antidepressant mirtazapine and its two main metabolites in human plasma by liquid chromatography with fluorescence detection. Analytica Chimica Acta, 2006, 556, 281-288.	2.6	15
70	Enantioseparation and quality control of biperiden in pharmaceutical formulations by capillary electrophoresis. Analytica Chimica Acta, 2006, 560, 57-63.	2.6	17
71	Capillary electrophoretic analysis of the antibiotic vancomycin in innovative microparticles and in commercial formulations. Journal of Pharmaceutical and Biomedical Analysis, 2006, 42, 32-38.	1.4	13
72	Determination of homovanillic acid (HVA) in human plasma by HPLC with coulometric detection and a new SPE procedure. Journal of Pharmaceutical and Biomedical Analysis, 2006, 42, 107-112.	1.4	22

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73	HPLC analysis of the second-generation antidepressant sertraline and its main metabolite N-desmethylsertraline in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 836, 116-119.	1.2	49
74	Advances in the enantioseparation of second-generation antidepressant drugs by electrodriven methods. Electrophoresis, 2006, 27, 213-221.	1.3	35
75	Determination of amphetamines in human urine by liquid chromatography with fluorimetric detection using a solid-phase extraction procedure. Journal of Separation Science, 2006, 29, 2322-2329.	1.3	10
76	Fluoxetine Metabolism and Pharmacological Interactions: The Role of Cytochrome P450. Current Drug Metabolism, 2006, 7, 127-133.	0.7	77
77	Separation and analysis of glycyrrhizin, 18Î²-glycyrrhetic acid and 18Î±-glycyrrhetic acid in liquorice roots by means of capillary zone electrophoresis. Journal of Chromatography A, 2005, 1081, 65-71.	1.8	56
78	Separation and analysis of the major constituents of cloves by micellar electrokinetic chromatography. Journal of Separation Science, 2005, 28, 966-972.	1.3	9
79	Micelles Based on Polyvinyl Alcohol Substituted with Oleic Acid for Targeting of Lipophilic Drugs. Drug Delivery, 2004, 12, 21-26.	2.5	12
80	Enantioselective determination of the novel antidepressant mirtazapine and its active demethylated metabolite in human plasma by means of capillary electrophoresis. Journal of Chromatography A, 2004, 1051, 253-260.	1.8	40
81	High-performance liquid chromatographic determination of Levetiracetam in human plasma: comparison of different sample clean-up procedures. Biomedical Chromatography, 2004, 18, 37-44.	0.8	70
82	Reversed-phase capillary electrochromatography for the simultaneous determination of acetylsalicylic acid, paracetamol, and caffeine in analgesic tablets. Electrophoresis, 2004, 25, 615-621.	1.3	35
83	Simultaneous liquid chromatographic analysis of catecholamines and 4-hydroxy-3-methoxyphenylethylene glycol in human plasma. Journal of Chromatography A, 2004, 1032, 65-71.	1.8	105
84	Rapid analysis of olanzapine and desmethylolanzapine in human plasma using high-performance liquid chromatography with coulometric detection. Analytica Chimica Acta, 2004, 516, 111-117.	2.6	25
85	Atypical Antipsychotics: Pharmacokinetics, Therapeutic Drug Monitoring and Pharmacological Interactions. Current Medicinal Chemistry, 2004, 11, 279-296.	1.2	96
86	Determination of recent antidepressant citalopram in human plasma by liquid chromatographyâ€"Fluorescence detection. Chromatographia, 2003, 57, 273-278.	0.7	20
87	Determination of valproic acid (2-propylpentanoic acid) in human plasma by capillary electrophoresis with indirect UV detection. Electrophoresis, 2003, 24, 2076-2083.	1.3	26
88	Enantiomeric separation of citalopram and its metabolites by capillary electrophoresis. Electrophoresis, 2003, 24, 2608-2616.	1.3	47
89	Analysis of plasma catecholamines by liquid chromatography with amperometric detection using a novel SPE ion-exchange procedure. Journal of Separation Science, 2003, 26, 1141-1146.	1.3	41
90	Determination of melatonin in commercial preparations by micellar electrokinetic chromatography and spectrofluorimetry. Analytica Chimica Acta, 2003, 488, 97-105.	2.6	19

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91	Determination of progesterone in commercial formulations and in non conventional micellar systems. Journal of Pharmaceutical and Biomedical Analysis, 2003, 30, 1549-1559.	1.4	28
92	Quality control of commercial tablets containing the novel antipsychotic quetiapine. Journal of Pharmaceutical and Biomedical Analysis, 2003, 32, 1037-1044.	1.4	28
93	Liquid chromatographic analysis of the cis(Z)- and trans(E)-isomers of clopenthixol in human plasma using a novel solid phase extraction procedure. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 792, 313-321.	1.2	3
94	Liquid chromatographic determination of oxcarbazepine and its metabolites in plasma of epileptic patients after solid-phase extraction. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 783, 253-263.	1.2	54
95	Separation of reboxetine enantiomers by means of capillary electrophoresis. Electrophoresis, 2002, 23, 1870.	1.3	24
96	Rapid methods for determination of fluoxetine in pharmaceutical formulations. Journal of Pharmaceutical and Biomedical Analysis, 2002, 29, 1127-1134.	1.4	39
97	HPLC analysis of the novel antipsychotic drug quetiapine in human plasma. Journal of Pharmaceutical and Biomedical Analysis, 2002, 30, 969-977.	1.4	52
98	Simultaneous analysis of six antiepileptic drugs and two selected metabolites in human plasma by liquid chromatography after solid-phase extraction. Analytica Chimica Acta, 2002, 472, 1-10.	2.6	58
99	Determination of reboxetine, a recent antidepressant drug, in human plasma by means of two high-performance liquid chromatography methods. Journal of Chromatography A, 2002, 949, 23-33.	1.8	16
100	A sensitive high-performance liquid chromatographic method using electrochemical detection for the analysis of olanzapine and desmethylolanzapine in plasma of schizophrenic patients using a new solid-phase extraction procedure. Biomedical Applications, 2001, 750, 137-146.	1.7	44
101	Simultaneous high-performance liquid chromatography determination of carbamazepine and five of its metabolites in plasma of epileptic patients. Biomedical Applications, 2001, 762, 109-116.	1.7	59
102	Rapid capillary electrophoretic method for the determination of clozapine and desmethylclozapine in human plasma. Journal of Chromatography A, 2001, 916, 289-296.	1.8	26
103	A rapid LC method for the identification and determination of CNS drugs in pharmaceutical formulations. Journal of Pharmaceutical and Biomedical Analysis, 2000, 23, 161-167.	1.4	28
104	Quantitation of olanzapine in tablets by HPLC, CZE, derivative spectrometry and linear voltammetry. Journal of Pharmaceutical and Biomedical Analysis, 2000, 23, 973-981.	1.4	79
105	DEVELOPMENT OF AN HPLC METHOD FOR THE TOXICOLOGICAL SCREENING OF CENTRAL NERVOUS SYSTEM DRUGS. Journal of Liquid Chromatography and Related Technologies, 2000, 23, 1039-1059.	0.5	32
106	Spectrophotometric determination of silicate traces in hemodialysis solutions. Journal of Pharmaceutical and Biomedical Analysis, 1999, 20, 335-342.	1.4	9
107	High-performance capillary electrophoretic determination of glutathione in human lymphocytes. Journal of Separation Science, 1998, 10, 503-509.	1.0	9
108	Determination of clozapine in human plasma by solid-phase extraction and liquid chromatography with amperometric detection. Chromatographia, 1998, 47, 8-12.	0.7	12

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109	Determination of fluoxetine and norfluoxetine in human plasma by high-pressure liquid chromatography with fluorescence detection. Journal of Pharmaceutical and Biomedical Analysis, 1998, 18, 193-199.	1.4	44
110	Analytical methods for the quality control of ProzacÂ® capsules. Journal of Pharmaceutical and Biomedical Analysis, 1998, 18, 699-706.	1.4	40
111	Comparison of analytical methods for quality control of pharmaceutical formulations containing glutathione. Chromatographia, 1997, 46, 17-22.	0.7	12