

Camilla Montesano

List of Publications by Year in descending order

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44
papers

949
citations

394390

19
h-index

454934

30
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44
all docs

44
docs citations

44
times ranked

1271
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of a method for the targeted analysis of 96 drugs in hair by UPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 295-306.	2.8	72
2	Determination of illicit drugs and metabolites in oral fluid by microextraction on packed sorbent coupled with LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3647-3658.	3.7	58
3	Micro extraction by packed sorbent coupled to liquid chromatography tandem mass spectrometry for the rapid and sensitive determination of cannabinoids in oral fluids. <i>Journal of Chromatography A</i> , 2013, 1301, 139-146.	3.7	53
4	Determination of the two major endocannabinoids in human plasma by μ -SPE followed by HPLC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 785-793.	3.7	49
5	Analysis of new psychoactive substances in oral fluids by means of microextraction by packed sorbent followed by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2018, 10, 865-873.	2.6	46
6	Multi-class analysis of new psychoactive substances and metabolites in hair by pressurized liquid extraction coupled to HPLC-HRMS. <i>Drug Testing and Analysis</i> , 2017, 9, 798-807.	2.6	41
7	Combination of pressurized liquid extraction with dispersive liquid liquid micro extraction for the determination of sixty drugs of abuse in hair. <i>Journal of Chromatography A</i> , 2019, 1605, 360348.	3.7	40
8	Analytical approaches for the determination of phytocannabinoids and endocannabinoids in human matrices. <i>Drug Testing and Analysis</i> , 2014, 6, 7-16.	2.6	38
9	A μ -SPE procedure for the determination of cannabinoids and their metabolites in urine by LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 91, 169-175.	2.8	37
10	Molecular Networking: A Useful Tool for the Identification of New Psychoactive Substances in Seizures by LC-HRMS. <i>Frontiers in Chemistry</i> , 2020, 8, 572952.	3.6	37
11	NAADP-Dependent Ca ²⁺ Signaling Controls Melanoma Progression, Metastatic Dissemination and Neovascularization. <i>Scientific Reports</i> , 2016, 6, 18925.	3.3	35
12	Pressurized liquid extraction for the determination of cannabinoids and metabolites in hair: Detection of cut-off values by high performance liquid chromatography-high resolution tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1406, 192-200.	3.7	34
13	Application of a rapid μ -SPE clean-up for multiclass quantitative analysis of sixteen new psychoactive substances in whole blood by LC-MS/MS. <i>Talanta</i> , 2017, 167, 260-267.	5.5	34
14	Pressurized-liquid extraction for determination of illicit drugs in hair by LC-MS-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 725-735.	3.7	30
15	Screening of methylenedioxyamphetamine and piperazine-derived designer drugs in urine by LC-MS/MS using neutral loss and precursor ion scan. <i>Journal of Mass Spectrometry</i> , 2013, 48, 49-59.	1.6	29
16	Broad Screening and Identification of Novel Psychoactive Substances in Plasma by High-Performance Liquid Chromatography-High-Resolution Mass Spectrometry and Post-run Library Matching. <i>Journal of Analytical Toxicology</i> , 2016, 40, 519-528.	2.8	25
17	Determination of Pesticides in Wheat Flour Using Microextraction on Packed Sorbent Coupled to Ultra-High Performance Liquid Chromatography and Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2017, 10, 1699-1708.	2.6	25
18	Determination of Illicit Drugs in Urine and Plasma by Micro-SPE Followed by HPLC-MS/MS. <i>Chromatographia</i> , 2012, 75, 55-63.	1.3	23

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19	Fatty acid composition and $\delta^{13}\text{C}$ of bulk and individual fatty acids as marker for authenticating Italian PDO/PGI extra virgin olive oils by means of isotopic ratio mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2014, 49, 840-849.	1.6	23
20	A new multi analytical approach for the identification of synthetic and natural dyes mixtures. The case of orcein-mauveine mixture in a historical dress of a Sicilian noblewoman of nineteenth century. <i>Natural Product Research</i> , 2019, 33, 1040-1051.	1.8	18
21	Peptides trapping cocaine: docking simulation and experimental screening by solid phase extraction followed by liquid chromatography mass spectrometry in plasma samples. <i>Analytica Chimica Acta</i> , 2013, 772, 40-46.	5.4	17
22	How the extraction method could be crucial in the characterization of natural dyes from dyed yarns and lake pigments: The case of American and Armenian cochineal dyes, extracted through the new ammonia-EDTA method. <i>Microchemical Journal</i> , 2017, 134, 237-245.	4.5	17
23	Simultaneous determination of lamivudine, lopinavir, ritonavir, and zidovudine concentration in plasma of HIV-infected patients by HPLC-MS/MS. <i>IUBMB Life</i> , 2012, 64, 443-449.	3.4	16
24	Analysis of Bile Acids Profile in Human Serum by Ultrafiltration Clean-up and LC-MS/MS. <i>Chromatographia</i> , 2012, 75, 479-489.	1.3	16
25	Identification of MT-45 Metabolites: In Silico Prediction, In Vitro Incubation with Rat Hepatocytes and In Vivo Confirmation. <i>Journal of Analytical Toxicology</i> , 2017, 41, 688-697.	2.8	15
26	Determination of marbofloxacin in plasma and synovial fluid by ultrafiltration followed by HPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 123, 31-36.	2.8	13
27	A syn-ent-labdadiene derivative with a rare spiro-lactone function from the male cones of <i>Wollemia nobilis</i> . <i>Phytochemistry</i> , 2019, 158, 91-95.	2.9	12
28	Targeting the anti-apoptotic Bcl-2 family proteins: machine learning virtual screening and biological evaluation of new small molecules. <i>Theranostics</i> , 2022, 12, 2427-2444.	10.0	12
29	Finding evidence at a crime scene: Sensitive determination of benzodiazepine residues in drink and food paraphernalia by HPLC-HRMS/MS. <i>Forensic Chemistry</i> , 2021, 23, 100327.	2.8	10
30	Micro-solid-phase extraction (μ -SPE) of organophosphorous pesticides from wheat followed by LC-MS/MS determination. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1-9.	2.3	9
31	Italian Cheeses Discrimination by Means of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ Isotopic Ratio Mass Spectrometry. <i>Food Analytical Methods</i> , 2018, 11, 1467-1475.	2.6	8
32	Dyes from the Ashes: Discovering and Characterizing Natural Dyes from Mineralized Textiles. <i>Molecules</i> , 2020, 25, 1417.	3.8	8
33	Simultaneous Quantification of 25 Fentanyl Derivatives and Metabolites in Oral Fluid by Means of Microextraction on Packed Sorbent and LC-HRMS/MS Analysis. <i>Molecules</i> , 2021, 26, 5870.	3.8	7
34	Selective solid phase extraction of JWH synthetic cannabinoids by using computationally designed peptides. <i>Talanta</i> , 2017, 167, 126-133.	5.5	6
35	Untargeted Metabolic Profiling of 4-Fluoro-Furanylfentanyl and Isobutyrylfentanyl in Mouse Hepatocytes and Urine by Means of LC-HRMS. <i>Metabolites</i> , 2021, 11, 97.	2.9	6
36	The influence of mineral catalysts on racemization of secondary alcohols under pyrolytic temperatures. <i>Journal of Analytical and Applied Pyrolysis</i> , 2010, 89, 286-293.	5.5	5

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37	Microextraction techniques in illicit drug testing: present and future. <i>Bioanalysis</i> , 2016, 8, 863-866.	1.5	5
38	Multi-analytical characterization of 4-fluoro-furanyl fentanyl in a drug seizure. <i>Forensic Chemistry</i> , 2020, 21, 100283.	2.8	5
39	Pharmacokinetics of marbofloxacin administered via intravenous regional limb perfusion in dairy cows: evaluation of two different tourniquets. <i>Veterinary Record Open</i> , 2017, 4, e000227.	1.0	4
40	Bio-inspired solid phase extraction sorbent material for cocaine: A cross reactivity study. <i>Talanta</i> , 2014, 130, 382-387.	5.5	3
41	Accelerated Extraction and Analysis of Ethyl Glucuronide in Hair by Means of Pressurized Liquid Extraction Followed by Liquid Chromatography-Tandem Mass Spectrometry Determination. <i>Journal of Analytical Toxicology</i> , 2021, 45, 927-936.	2.8	3
42	Personalized Metabolic Profile by Synergic Use of NMR and HRMS. <i>Molecules</i> , 2021, 26, 4167.	3.8	3
43	The influence of mineral catalysts on racemization of secondary alcohols under pyrolytic temperatures: II part. <i>Journal of Analytical and Applied Pyrolysis</i> , 2011, 92, 324-331.	5.5	1
44	Qualitative and semi-quantitative phytochemical analysis on the seeds of a new <i>Nigella sativa</i> L. population exemplar from Iran. <i>Plant Biosystems</i> , 2021, 155, 1056-1062.	1.6	1