

Elisabetta Bertol

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,336
citations

304368

22
h-index

377514

34
g-index

57
all docs

57
docs citations

57
times ranked

1309
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel screening method for 64 new psychoactive substances and 5 amphetamines in blood by LC-MS/MS and application to real cases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 441-449.	1.4	100
2	Cocaine and heroin in waste water plants: A 1-year study in the city of Florence, Italy. <i>Forensic Science International</i> , 2009, 189, 88-92.	1.3	86
3	Determination of aminorex in human urine samples by GC-MS after use of levamisole. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 1186-1189.	1.4	58
4	Determination of GHB in human hair by HPLC-MS/MS: Development and validation of a method and application to a study group and three possible single exposure cases. <i>Drug Testing and Analysis</i> , 2015, 7, 376-384.	1.6	57
5	Detection of gamma-hydroxybutyrate in hair: Validation of GC-MS and LC-MS/MS methods and application to a real case. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 518-522.	1.4	44
6	Proactive drugs in DFSA cases: Toxicological findings in an eight-years study. <i>Forensic Science International</i> , 2018, 291, 207-215.	1.3	43
7	Aminorex poisoning in cocaine abusers. <i>International Journal of Cardiology</i> , 2012, 158, 344-346.	0.8	41
8	Post mortem concentrations of endogenous gamma hydroxybutyric acid (GHB) and in vitro formation in stored blood and urine samples. <i>Forensic Science International</i> , 2014, 243, 144-148.	1.3	41
9	Nails of newborns in monitoring drug exposure during pregnancy. <i>Forensic Science International</i> , 2008, 179, 176-180.	1.3	39
10	Twelve months monitoring of hair GHB decay following a single dose administration in a case of facilitated sexual assault. <i>Drug Testing and Analysis</i> , 2017, 9, 953-956.	1.6	39
11	Comparison of Immunoassay Screening Tests and LC-MS-MS for Urine Detection of Benzodiazepines and Their Metabolites: Results of a National Proficiency Test. <i>Journal of Analytical Toxicology</i> , 2013, 37, 659-664.	1.7	38
12	Ethyl glucuronide and ethyl sulfate in autopsy samples 27 years after death. <i>International Journal of Legal Medicine</i> , 2008, 122, 507-509.	1.2	36
13	Levamisole adulterated cocaine and pulmonary vasculitis: Presentation of two lethal cases and brief literature review. <i>Forensic Science International</i> , 2016, 265, 96-102.	1.3	36
14	Cocaine-related deaths: An enigma still under investigation. <i>Forensic Science International</i> , 2008, 176, 121-123.	1.3	35
15	Psychoactive substances belonging to the amphetamine class potentially activate brain carbonic anhydrase isoforms VA, VB, VII, and XII. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 1253-1259.	2.5	33
16	Determination of endogenous concentration of γ -hydroxybutyric acid (GHB) in hair through an ad hoc GC-MS analysis: A study on a wide population and influence of gender and age. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 118, 161-166.	1.4	31
17	LC-MS/MS and GC-MS methods in propofol detection: Evaluation of the two analytical procedures. <i>Forensic Science International</i> , 2015, 256, 1-6.	1.3	29
18	A mixed MDPV and benzodiazepine intoxication in a chronic drug abuser: Determination of MDPV metabolites by LC-HRMS and discussion of the case. <i>Forensic Science International</i> , 2014, 243, 149-155.	1.3	28

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19	3-MeO-PCP intoxication in two young men: First in vivo detection in Italy. <i>Forensic Science International</i> , 2017, 274, 7-12.	1.3	28
20	Cross-reactivities and structure–reactivity relationships of six benzodiazepines to EMIT [®] immunoassay. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 84, 168-172.	1.4	27
21	Aminorex associated with possible idiopathic pulmonary hypertension in a cocaine user. <i>Forensic Science International</i> , 2014, 240, e7-e10.	1.3	26
22	Determining the pattern and prevalence of alcohol consumption in pregnancy by measuring biomarkers in meconium. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F216-F220.	1.4	26
23	The mysterious death of Francesco I de' Medici and Bianca Cappello: an arsenic murder?. <i>BMJ: British Medical Journal</i> , 2006, 333, 1299-1301.	2.4	22
24	What constitutes a normal ante-mortem urine GHB concentration?. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2009, 16, 148-151.	0.5	22
25	Combustion products from various kinds of fibers: Toxicological hazards from smoke exposure. <i>Forensic Science International</i> , 1983, 22, 111-116.	1.3	21
26	Enhancing the sensitivity of the LC-MS/MS detection of propofol in urine and blood by azo-coupling derivatization. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3579-3587.	1.9	19
27	In vivo detection of the new psychoactive substance AM-694 and its metabolites. <i>Forensic Science International</i> , 2015, 256, 21-27.	1.3	19
28	Determination of fatty acid ethyl esters in hair by GC–MS and application in a population of cocaine users. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 1192-1195.	1.4	18
29	Determination of GHB levels in breast milk and correlation with blood concentrations. <i>Forensic Science International</i> , 2016, 265, 172-181.	1.3	18
30	Advances in new psychoactive substances identification: the U.R.I.To.N. Consortium. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 841-849.	2.5	18
31	Alcohol, caffeine, and nicotine consumption in adolescents: hair analysis versus self-report. <i>American Journal of Drug and Alcohol Abuse</i> , 2017, 43, 341-349.	1.1	18
32	Analysis of illicit drugs seized in the Province of Florence from 2006 to 2016. <i>Forensic Science International</i> , 2018, 284, 194-203.	1.3	18
33	Novel zwitterionic HILIC stationary phase for the determination of ethyl glucuronide in human hair by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1100-1101, 33-38.	1.2	17
34	A Forensic Diagnostic Algorithm for Drug-Related Deaths: A Case Series. <i>Toxics</i> , 2022, 10, 152.	1.6	17
35	Application of HRAM screening and LC–MS/MS confirmation of active pharmaceutical ingredient in “natural” herbal supplements. <i>Forensic Science International</i> , 2018, 286, e28-e31.	1.3	15
36	Channelling the Emperor: what really killed Napoleon?. <i>Journal of the Royal Society of Medicine</i> , 2004, 97, 397-399.	1.1	14

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37	New psychoactive substances: An actual problem or an overestimated phenomenon?. <i>Forensic Science International</i> , 2019, 304, 109941.	1.3	13
38	Nymphaea cults in ancient Egypt and the New World: a lesson in empirical pharmacology. <i>Journal of the Royal Society of Medicine</i> , 2004, 97, 84-85.	1.1	12
39	Fatty acid ethyl esters in hair: correlation with self-reported ethanol intake in 160 subjects and influence of estroprogestin therapy. <i>Drug Testing and Analysis</i> , 2014, 6, 930-935.	1.6	11
40	Development of a New LC-MS/MS Screening Method for Detection of 120 NPS and 43 Drugs in Blood. <i>Separations</i> , 2021, 8, 221.	1.1	11
41	Acute Massive Pulmonary Thromboembolism Due to Acute Intoxication by Duloxetine: A Case Report. <i>Cardiovascular Toxicology</i> , 2012, 12, 258-262.	1.1	10
42	Internet pseudoscience: Testing opioid containing formulations with tampering potential. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 16-21.	1.4	10
43	Death by Potassium Chloride Intravenous Injection: Evaluation of Analytical Detectability. <i>Journal of Forensic Sciences</i> , 2012, 57, 273-275.	0.9	9
44	A novel, simultaneous extraction of FAEE and EtG from meconium and analysis by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2587-2594.	1.9	9
45	Psychotropic substance abuse and fitness to hold a driving license in Italy. <i>Traffic Injury Prevention</i> , 2019, 20, 244-248.	0.6	9
46	Zwitterionic HILIC stationary phase as a valuable alternative in separative techniques: Application to the analysis of gamma-hydroxybutyric acid and its metabolite in hair. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1134-1135, 121876.	1.2	8
47	A novel LC-MS/MS analytical method for detection of articaine and mepivacaine in blood and its application to a preliminary pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 187, 113335.	1.4	7
48	A case of synthetic cannabinoid poisoning in Croatia. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2018, 69, 186-190.	0.4	7
49	Programmable temperature vaporizer applications in an high-resolution gas chromatographic method for the quantitation of impurities in illicit heroin. <i>Journal of Chromatography A</i> , 1989, 466, 384-389.	1.8	6
50	The successful binomium of multivariate strategies and electrophoresis for the Quality by Design separation of a class of drugs: the case of triptans. <i>Electrophoresis</i> , 2015, 36, 2650-2657.	1.3	6
51	Hair testing of propofol by liquid chromatography-tandem mass spectrometry and azo-coupling derivatization. <i>Drug Testing and Analysis</i> , 2017, 9, 1080-1084.	1.6	6
52	Observations on urinary excretion of codeine in illicit heroin addicts. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 33, 814-815.	1.2	5
53	Ethyl Glucuronide Concentration in Hair of Detainees: A Preliminary Study. <i>Journal of Forensic Sciences</i> , 2020, 65, 189-192.	0.9	5
54	Determination of endogenous GHB levels in chest and pubic hair. <i>Forensic Science International</i> , 2021, 325, 110857.	1.3	3

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55	Levamisole, Aminorex, and Pulmonary Arterial Hypertension: A Review. Razavi International Journal of Medicine, 2015, 3, .	0.1	3
56	Assays for Benzodiazepines. , 2016, , 359-370.		0