

Sabina Strano-Rossi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1211421/publications.pdf>

Version: 2024-02-01

66
papers

2,297
citations

172207

29
h-index

233125

45
g-index

68
all docs

68
docs citations

68
times ranked

2199
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicological determination and <i>in vitro</i> metabolism of the designer drug methylenedioxypyrovalerone (MPDV) by gas chromatography/mass spectrometry and liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2706-2714.	0.7	98
2	Ultra high performance liquid chromatography-electrospray ionization-tandem mass spectrometry screening method for direct analysis of designer drugs, and stimulants in oral fluid. <i>Journal of Chromatography A</i> , 2012, 1258, 37-42.	1.8	98
3	Solid-Phase Microextraction for Cannabinoids Analysis in Hair and Its Possible Application to Other Drugs*. <i>Journal of Analytical Toxicology</i> , 1999, 23, 7-10.	1.7	88
4	High-throughput dispersive liquid/liquid microextraction (DLLME) method for the rapid determination of drugs of abuse, benzodiazepines and other psychotropic medications in blood samples by liquid chromatography-tandem mass spectrometry (LC-MS/MS) and application to forensic cases. <i>Microchemical Journal</i> , 2015, 123, 33-41.	2.3	86
5	High-throughput screening for new psychoactive substances (NPS) in whole blood by DLLME extraction and UHPLC-MS/MS analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1000, 57-68.	1.2	86
6	Rapid and simple procedure for the determination of cathinones, amphetamine-like stimulants and other new psychoactive substances in blood and urine by GC-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 149, 494-501.	1.4	84
7	A snapshot on NPS in Italy: Distribution of drugs in seized materials analysed in an Italian forensic laboratory in the period 2013-2015. <i>Forensic Science International</i> , 2016, 265, 116-120.	1.3	82
8	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, 70-76.	1.3	78
9	An analytical approach to the forensic identification of different classes of new psychoactive substances (NPSs) in seized materials. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1904-1916.	0.7	74
10	Preparative and regiochemical aspects of the palladium-catalyzed carbonylative coupling of 2-hydroxyaryl iodides with ethynylarenes. <i>Tetrahedron</i> , 1991, 47, 6449-6456.	1.0	73
11	Use of solid-phase microextraction (SPME) for the determination of methadone and EDDP in human hair by GC-MS. <i>Forensic Science International</i> , 2000, 107, 225-232.	1.3	72
12	Screening for new psychoactive substances in hair by ultrahigh performance liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1372, 145-156.	1.8	67
13	Parallel analysis of stimulants in saliva and urine by gas chromatography/mass spectrometry: Perspectives for <i>in</i> competition anti-doping analysis. <i>Analytica Chimica Acta</i> , 2008, 606, 217-222.	2.6	65
14	Simplifying sample pretreatment: Application of dried blood spot (DBS) method to blood samples, including postmortem, for UHPLC-MS/MS analysis of drugs of abuse. <i>Forensic Science International</i> , 2014, 243, 61-67.	1.3	64
15	A gas chromatography/mass spectrometry method for the determination of sildenafil, vardenafil and tadalafil and their metabolites in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1697-1706.	0.7	50
16	Cleaning up blood samples using a modified QuEChERS procedure for the determination of drugs of abuse and benzodiazepines by UPLC-MS/MS†. <i>Forensic Science International</i> , 2014, 243, 99-106.	1.3	50
17	Development of a micro-solid-phase extraction molecularly imprinted polymer technique for synthetic cannabinoids assessment in urine followed by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1550, 8-20.	1.8	45
18	Rapid screening of drugs of abuse and their metabolites by gas chromatography/mass spectrometry: application to urinalysis. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1529-1535.	0.7	43

#	ARTICLE	IF	CITATIONS
19	Evaluation of cocaine, amphetamines and cannabis use in university students through hair analysis: preliminary results. <i>Forensic Science International</i> , 2000, 107, 273-279.	1.3	42
20	Fast GC-MS method for the simultaneous screening of THC-COOH, cocaine, opiates and analogues including buprenorphine and fentanyl, and their metabolites in urine. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1623-1630.	1.9	42
21	Liquid chromatography-high resolution mass spectrometry (LC-HRMS) determination of stimulants, anorectic drugs and phosphodiesterase 5 inhibitors (PDE5I) in food supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 106, 144-152.	1.4	42
22	Drug distribution in the head, axillary and pubic hair of chronic addicts. <i>Forensic Science International</i> , 1993, 63, 105-108.	1.3	41
23	Segmental hair analysis for cocaine and heroin abuse determination. <i>Forensic Science International</i> , 1995, 70, 211-216.	1.3	40
24	High-throughput screening for drugs of abuse and pharmaceutical drugs in hair by liquid-chromatography-high resolution mass spectrometry (LC-HRMS). <i>Microchemical Journal</i> , 2017, 133, 302-310.	2.3	40
25	Screening for exogenous androgen anabolic steroids in human hair by liquid chromatography/orbitrap-high resolution mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 793, 61-71.	2.6	38
26	Determination of fentanyl, metabolite and analogs in urine by GC/MS. <i>Journal of Applied Toxicology</i> , 2011, 31, 649-654.	1.4	35
27	Cannabinoids determination in oral fluid by SPME-GC/MS and UHPLC-MS/MS and its application on suspected drivers. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014, 54, 421-426.	1.3	33
28	HPLC-MS/MS combined with membrane-protected molecularly imprinted polymer micro-solid-phase extraction for synthetic cathinones monitoring in urine. <i>Drug Testing and Analysis</i> , 2019, 11, 33-44.	1.6	33
29	Pharmacological and Behavioral Effects of the Synthetic Cannabinoid AKB48 in Rats. <i>Frontiers in Neuroscience</i> , 2019, 13, 1163.	1.4	31
30	Detection of sibutramine administration: a gas chromatography/mass spectrometry study of the main urinary metabolites. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 79-88.	0.7	30
31	Application of Solid-Phase Microextraction to Antidoping Analysis: Determination of Stimulants, Narcotics, and Other Classes of Substances Excreted Free in Urine. <i>Journal of Analytical Toxicology</i> , 2005, 29, 217-222.	1.7	29
32	A rapid method for the extraction, enantiomeric separation and quantification of amphetamines in hair. <i>Forensic Science International</i> , 2009, 193, 95-100.	1.3	29
33	Metabolism of JWH-015, JWH-098, JWH-251, and JWH-307 in silico and in vitro: a pilot study for the detection of unknown synthetic cannabinoids metabolites. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3621-3636.	1.9	29
34	Prevalence of illicit drug use among the Italian athlete population with special attention on drugs of abuse: A 10-year review. <i>Journal of Sports Sciences</i> , 2011, 29, 471-476.	1.0	28
35	UHPLC-ESI-MS/MS method for direct analysis of drugs of abuse in oral fluid for DUID assessment. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 609-624.	1.9	27
36	Improved enzymatic hydrolysis of hair. <i>Forensic Science International</i> , 1993, 63, 171-174.	1.3	25

#	ARTICLE	IF	CITATIONS
37	Methods used to detect drug abuse in pregnancy: a brief review. <i>Drug and Alcohol Dependence</i> , 1999, 53, 257-271.	1.6	23
38	Cocaine found in a child's hair due to environmental exposure?. <i>International Journal of Legal Medicine</i> , 2004, 118, 310-312.	1.2	23
39	The Relevance of the Urinary Concentration of Ephedrines in Anti-Doping Analysis: Determination of Pseudoephedrine, Cathine, and Ephedrine After Administration of Over-the-Counter Medicaments. <i>Therapeutic Drug Monitoring</i> , 2009, 31, 520-526.	1.0	20
40	Hair and urine analysis: relative distribution of drugs and their metabolites. <i>Forensic Science International</i> , 1995, 70, 203-210.	1.3	18
41	Determination of anabolic agents in dietary supplements by liquid chromatography-high-resolution mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 1-13.	1.1	18
42	Simultaneous detection of cocaine and heroin metabolites in urine by solid-phase extraction and gas chromatography-mass spectrometry. <i>Biomedical Applications</i> , 1994, 658, 69-73.	1.7	17
43	Evaluation of Cocaine Use During Pregnancy through Toxicological Analysis of Hair*. <i>Journal of Analytical Toxicology</i> , 1996, 20, 555-558.	1.7	17
44	Analysis of Stimulants in Oral Fluid and Urine by Gas Chromatography-Mass Spectrometry II: Pseudoephedrine. <i>Journal of Analytical Toxicology</i> , 2010, 34, 210-215.	1.7	17
45	A fast gas chromatography/mass spectrometry method for the determination of stimulants and narcotics in urine. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1475-1480.	0.7	15
46	Application of ultrasound-assisted liquid-liquid microextraction coupled with gas chromatography and mass spectrometry for the rapid determination of synthetic cannabinoids and metabolites in biological samples. <i>Journal of Separation Science</i> , 2020, 43, 2858-2868.	1.3	15
47	Method development for the identification of methoxpropamine, 2-fluoro-deschloroketamine and deschloroketamine and their main metabolites in blood and hair and forensic application. <i>Forensic Science International</i> , 2021, 323, 110817.	1.3	15
48	Solid-phase microextraction (SPME) and gas-chromatographic analysis of anorectic compounds in human urine. , 1997, 9, 249-252.		14
49	UHPLC-MS/MS and UHPLC-HRMS identification of zolpidem and zopiclone main urinary metabolites and method development for their toxicological determination. <i>Drug Testing and Analysis</i> , 2014, 6, 226-233.	1.6	14
50	An overview on performance and image enhancing drugs (PIEDs) confiscated in Italy in the period 2017-2019. <i>Clinical Toxicology</i> , 2021, 59, 47-52.	0.8	14
51	Application of Hair Analysis to Document Coercive Heroin Administration to a Child. <i>Journal of Analytical Toxicology</i> , 1998, 22, 75-77.	1.7	13
52	Application of hygrine and cuscohygrine as possible markers to distinguish coca chewing from cocaine abuse on WDT and forensic cases. <i>Forensic Science International</i> , 2014, 243, 30-34.	1.3	13
53	Analytical Techniques in Androgen Anabolic Steroids (AASs) Analysis for Antidoping and Forensic Purposes. <i>Mini-Reviews in Medicinal Chemistry</i> , 2011, 11, 451-458.	1.1	12
54	Hygrine and cuscohygrine as possible markers to distinguish coca chewing from cocaine abuse in workplace drug testing. <i>Forensic Science International</i> , 2013, 227, 60-63.	1.3	12

#	ARTICLE	IF	CITATIONS
55	A Probable Fatal Case of Oleander (<i>Nerium oleander</i>) Poisoning on a Cattle Farm: A New Method of Detection and Quantification of the Oleandrin Toxin in Rumen. <i>Toxins</i> , 2019, 11, 442.	1.5	12
56	Ion beam analysis (IBA) and instrumental neutron activation analysis (INAA) for forensic characterisation of authentic Viagra® and of sildenafil-based illegal products. <i>Talanta</i> , 2021, 224, 121829.	2.9	12
57	Cocaine abuse in pregnancy: Its evaluation through hair analysis of pathological new-borns. <i>Life Sciences</i> , 1996, 59, 1909-1915.	2.0	10
58	Characterization of the designer drug bkâ€2Câ€B (2â€aminoâ€1â€(bromoâ€dimethoxyphenyl)ethanâ€1â€one) by gas chromatography/mass spectrometry without and with derivatization with 2,2,2â€trichloroethyl chloroformate, liquid chromatography/highâ€resolution mass spectrometry, and nuclear magnetic resonance. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1196-1204.	0.7	10
59	Metabolism Study of N-Methyl 2-Aminoindane (NM2AI) and Determination of Metabolites in Biological Samples by LCâ€HRMS. <i>Journal of Analytical Toxicology</i> , 2021, 45, 475-483.	1.7	10
60	Scopolamine fatal outcome in an inmate after buscopan® smoking. <i>International Journal of Legal Medicine</i> , 2021, 135, 1455-1460.	1.2	10
61	Sudden Death without a Clear Cause after Comprehensive Investigation: An Example of Forensic Approach to Atypical/Uncertain Findings. <i>Diagnostics</i> , 2021, 11, 886.	1.3	8
62	Instrumental neutron activation analysis (INAA) and liquid chromatography (LC) coupled to high resolution mass spectrometry (HRMS) characterisation of sildenafil based products seized on the Italian illegal market. <i>Forensic Science International (Online)</i> , 2019, 1, 126-136.	0.6	5
63	Analytical protocol for the screening of psychotropic/incapacitating drugs in alleged drug-facilitated crimes. <i>Forensic Chemistry</i> , 2019, 14, 100168.	1.7	5
64	Metabolism study and toxicological determination of mephtetramine in biological samples by liquid chromatography coupled with highâ€resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2021, 13, 1516-1526.	1.6	4
65	A forensic procedure based on GCâ€MS, HPLC-HRMS and IBA to analyse products containing sildenafil or the doping agent oxandrolone. <i>Forensic Science International</i> , 2022, 335, 111282.	1.3	2
66	LCâ€HRMS characterization of the skin pigmentation and sexual enhancers melanotan II and bremelanotide sold on the black market of performance and image enhancing drugs. <i>Drug Testing and Analysis</i> , 2021, 13, 876-882.	1.6	0