JosÃ© Luiz da Costa

List of Publications by Year
in descending order

87 papers	1,460 citations	279487 23 h-index	414034 32 g-index
89 all docs	89 docs citations	89 times ranked	1834 citing authors

#	Article	IF	Citations
1	Green Analytical Toxicology for the Determination of Cocaine Metabolites. Journal of Analytical Toxicology, 2023, 46, 965-978.	1.7	8
2	Mentha aquatica L. aerial parts: inÂvitro anti-proliferative evaluation on human tumour and non-tumour cell lines. Natural Product Research, 2022, 36, 3117-3123.	1.0	4
3	Synthetic cannabinoid receptor agonists profile in infused papers seized in Brazilian prisons. Forensic Toxicology, 2022, 40, 119-124.	1.4	9
4	Dispersive liquidâ€“liquid microextraction of 11-nor-Î”9-tetrahydrocannabinol-carboxylic acid applied to urine testing. Bioanalysis, 2022, 14, 87-100.	0.6	3
5	Identification of synthetic cathinones in seized materials: A review of analytical strategies applied in forensic chemistry. Wiley Interdisciplinary Reviews Forensic Science, 2022, 4, .	1.2	1
6	Differentially expressed plasmatic microRNAs in Brazilian patients with Coronavirus disease 2019 (COVID-19): preliminary results. Molecular Biology Reports, 2022, 49, 6931-6943.	1.0	12
7	Adenosine diphosphateâ€induced aggregation is enhanced in platelets obtained from patients with thrombotic primary antiphospholipid syndrome (tâ€PAPS): Role of P2Y12â€cAMP signaling pathway. Journal of Thrombosis and Haemostasis, 2022, 20, 1699-1711.	1.9	3
8	High-sensitivity method for the determination of LSD and 2-oxo-3-hydroxy-LSD in oral fluid by liquid chromatographyâ€'tandem mass spectrometry. Forensic Toxicology, 2022, 40, 322-331.	1.4	2
9	Development of analytical method for the determination of methylphenidate, the analog ethylphenidate and their metabolite ritalinic acid in oral fluid samples by micro-QuEChERS and liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1205, 123330.	1.2	0
10	Near-fatal poisoning after ricin injection. Clinical Toxicology, 2021, 59, 158-168.	0.8	8
11	Use of injection-port derivatization for the analysis of cocaine and its metabolites in urine by gas chromatographyâ€“tandem mass spectrometry. Forensic Toxicology, 2021, 39, 222-229.	1.4	5
12	Optimization of QuEChERS extraction for detection and quantification of 20 antidepressants in postmortem blood samples by LC-MS/MS. Forensic Science International, 2021, 319, 110660.	1.3	15
13	Kinetic profile of N,Nâ€dimethyltryptamine and Î²â€carbolines in saliva and serum after oral administration of ayahuasca in a religious context. Drug Testing and Analysis, 2021, 13, 664-678.	1.6	5
14	Quantification of amphetamine and derivatives in oral fluid by dispersive liquid-liquid microextraction and liquid chromatographyâ€"tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2021, 196, 113928.	1.4	21
15	Determination of Drugs of Abuse in Hair by LCâ€“MS-MS: Application to Suicide Attempts Investigation. Journal of Analytical Toxicology, 2021, , .	1.7	5
16	Prevalence of new psychoactive substances (NPS) in Brazil based on oral fluid analysis of samples collected at electronic music festivals and parties. Drug and Alcohol Dependence, 2021, 227, 108962.	1.6	17
17	Development and validation of quantitative analytical method for 50 drugs of antidepressants, benzodiazepines and opioids in oral fluid samples by liquid chromatographyâ€“tandem mass spectrometry. Forensic Toxicology, 2021, 39, 179-197.	1.4	11
18	Development and Validation of a Method for Quantification of 28 Psychotropic Drugs in Postmortem Blood Samples by Modified Micro-QuEChERS and LCâ€“MS-MS. Journal of Analytical Toxicology, 2020, 45, 644-656.	1.7	12

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19	Screening of 104 New Psychoactive Substances (NPS) and Other Drugs of Abuse in Oral Fluid by LCâ€“MS-MS. Journal of Analytical Toxicology, 2020, 44, 697-707.	1.7	43
20	Determination of cannabinoids in plasma using saltingâ€outâ€assisted liquidâ€“liquid extraction followed by LCâ€“MS/MS analysis. Biomedical Chromatography, 2020, 34, e4952.	0.8	6
21	Automated microextraction by packed sorbent of cannabinoids from human urine using a lab-made device packed with molecularly imprinted polymer. Talanta, 2020, 219, 121185.	2.9	35
22	Mass spectrometry for the quantification of drugs in biosamples. Handbook of Analytical Separations, 2020, 7, 47-79.	0.8	1
23	Triple quadrupoleâ€“mass spectrometry protocols for the analysis of NBOMes and NBOHs in blotter papers. Forensic Science International, 2020, 309, 110184.	1.3	11
24	Miniaturized extraction method for analysis of synthetic opioids in urine by microextraction with packed sorbent and liquid chromatographyâ€”tandem mass spectrometry. Journal of Chromatography A, 2020, 1624, 461241.	1.8	20
25	Forensic determination of crossing lines involving stamp and pen inks by mass spectrometry imaging. Analytical Methods, 2020, 12, 951-958.	1.3	11
26	Androgens by immunoassay and mass spectrometry in children with 46,XY disorder of sex development. Endocrine Connections, 2020, 9, 1085-1094.	0.8	6
27	Fast UHPLCâ€“MS/MS method for analysis of furanylfentanyl in different seized blotter papers. Drug Testing and Analysis, 2019, 11, 178-183.	1.6	7
28	NBOMe instability in whole blood. Forensic Toxicology, 2019, 37, 82-89.	1.4	10
29	Determination of ring-substituted amphetamines through automated online hollow fiber liquid-phase microextraction-liquid chromatography. Analytical and Bioanalytical Chemistry, 2019, 411, 7889-7897.	1.9	17
30	Prolonged Exposure to Alcohol Vapor Causes Change in Cardiovascular Function in Female but not in Male Rats. Alcoholism: Clinical and Experimental Research, 2019, 43, 1066-1076.	1.4	1
31	Analytical quantification, intoxication case series, and pharmacological mechanism of action for N â€ethylnorpentylone (N â€ethylpentylone or ephylone). Drug Testing and Analysis, 2019, 11, 461-471.	1.6	39
32	Effect of Ritualistic Consumption of Ayahuasca on Hepatic Function in Chronic Users. Journal of Psychoactive Drugs, 2019, 51, 3-11.	1.0	7
33	Mutagenicity of Ayahuasca and Their Constituents to the Salmonella/Microsome Assay. Environmental and Molecular Mutagenesis, 2019, 60, 269-276.	0.9	5
34	Prevalence of cocaine and derivatives in blood and urine samples of trauma patients and correlation with injury severity: a prospective observational study. European Journal of Trauma and Emergency Surgery, 2019, 45, 159-165.	0.8	5
35	Desenvolvimento e validaÃ§Ã£o de mÃ©todo analÃtico para determinaÃ§Ã£o de fentanil e seus anÃ¡logos em amostras de sangue seco em papel (DBS). Revista Dos Trabalhos De IniciaÃ§Ã£o CientÃfica Da UNICAMP, 2019, , .	0.0	0
36	Desenvolvimento de mÃ©todo analÃtico para determinaÃ§Ã£o de substÂncias orgÂnicas volÃ¡teis em amostras de sangue post mortem empregando cromatografia gasosa com detecÃ§Ã£o por ioniza§Ã£o em chama. Revista Dos Trabalhos De IniciaÃ§Ã£o CientÃfica Da UNICAMP, 2019, , .	0.0	0

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37	Desenvolvimento de mÃ©todo miniaturizado de extraÃ§Ã£o (microextraÃ§Ã£o com sorvente empacotado,) Tj ETQq1 1 0.784314 rgBT CientÃfica Da UNICAMP, 2019, , .	0.0	0
38	Analytical and clinical validation of a dried blood spot assay for the determination of paclitaxel using high-performance liquid chromatography-tandem mass spectrometry. Clinical Biochemistry, 2018, 54, 123-130.	0.8	16
39	Establishing chemical profiling for ecstasy tablets based on trace element levels and support vector machine. Neural Computing and Applications, 2018, 30, 947-955.	3.2	13
40	Development and validation of a sensitive LCâ€“MS/MS method to analyze NBOMes in dried blood spots: evaluation of long-term stability. Forensic Toxicology, 2018, 36, 113-121.	1.4	13
41	Ayahuasca and Kambo intoxication after alternative natural therapy for depression, confirmed by mass spectrometry. Forensic Toxicology, 2018, 36, 212-221.	1.4	11
42	Ayahuasca and Its DMT- and Î²-carbolines â€“ Containing Ingredients Block the Expression of Ethanol-Induced Conditioned Place Preference in Mice: Role of the Treatment Environment. Frontiers in Pharmacology, 2018, 9, 561.	1.6	32
43	Long-term stability of synthetic cathinones in dried blood spots and whole blood samples: a comparative study. Forensic Toxicology, 2018, 36, 424-434.	1.4	12
44	Discovery of Marinoquinolines as Potent and Fast-Acting Plasmodium falciparum Inhibitors with in Vivo Activity. Journal of Medicinal Chemistry, 2018, 61, 5547-5568.	2.9	39
45	Recreational use of marijuana during pregnancy and negative gestational and fetal outcomes: An experimental study in mice. Toxicology, 2017, 376, 94-101.	2.0	60
46	Anhydroecgonine methyl ester, a cocaine pyrolysis product, may contribute to cocaine behavioral sensitization. Toxicology, 2017, 376, 44-50.	2.0	11
47	Using Cluster Analysis and ICPâ€MS to Identify Groups of Ecstasy Tablets in Sao Paulo State, Brazil. Journal of Forensic Sciences, 2017, 62, 1479-1486.	0.9	8
48	Suicide attempt with acetonitrile ingestion in a nursing mother. Clinical Toxicology, 2017, 55, 929-933.	0.8	2
49	EASIâ€MS an expedite and secure technique to screen for 25Iâ€NBOH in blotter papers. Journal of Mass Spectrometry, 2017, 52, 701-706.	0.7	18
50	METABOLÃ”MICA: DEFINIÃ‡Ã•ES, ESTADO-DA-ARTE E APLICAÃ‡Ã•ES REPRESENTATIVAS. Quimica Nova, 2017, , .	0.3	10
51	Modafinil Induces Rapid-Onset Behavioral Sensitization and Cross-Sensitization with Cocaine in Mice: Implications for the Addictive Potential of Modafinil. Frontiers in Pharmacology, 2016, 7, 420.	1.6	13
52	Accessing the chemical profile of ecstasy tablets seized in SÃ£o Paulo (Brazil) by FT-Raman Spectroscopy. Vibrational Spectroscopy, 2016, 87, 104-110.	1.2	14
53	M1 and M3 muscarinic receptors may play a role in the neurotoxicity of anhydroecgonine methyl ester, a cocaine pyrolysis product. Scientific Reports, 2015, 5, 17555.	1.6	10
54	Oral fluid with three modes of collection and plasma methamphetamine and amphetamine enantiomer concentrations after controlled intranasal lâ€methamphetamine administration. Drug Testing and Analysis, 2015, 7, 877-883.	1.6	15

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55	Chemical Profiling of Street Cocaine from Different Brazilian Regions. Journal of the Brazilian Chemical Society, 2015, , .	0.6	9
56	Determination of Herbicides Paraquat, Glyphosate, and Aminomethylphosphonic AcidÂin Marijuana Samples by Capillary Electrophoresis. Journal of Forensic Sciences, 2015, 60, S241-7.	0.9	35
57	Simultaneous plasma and oral fluid morphine and codeine concentrations after controlled administration of poppy seeds with known opiate content. Forensic Toxicology, 2015, 33, 235-243.	1.4	12
58	Effects of ayahuasca on the development of ethanol-induced behavioral sensitization and on a post-sensitization treatment in mice. Physiology and Behavior, 2015, 142, 28-36.	1.0	66
59	Ritualistic Use of Ayahuasca versus Street Use of Similar Substances Seized by the Police: A Key Factor Involved in the Potential for Intoxications and Overdose?. Journal of Psychoactive Drugs, 2015, 47, 132-139.	1.0	35
60	Development of an electroanalytical method for the quantification of aminopyrine in seized cocaine samples. Microchemical Journal, 2015, 121, 213-218.	2.3	12
61	Cocaine and metabolite concentrations in DBS and venous blood after controlled intravenous cocaine administration. Bioanalysis, 2015, 7, 2041-2056.	0.6	24
62	Morphine and codeine in oral fluid after controlled poppy seed administration. Drug Testing and Analysis, 2015, 7, 586-591.	1.6	14
63	The Variability of Ecstasy Tablets Composition in Brazil. Journal of Forensic Sciences, 2015, 60, 147-151.	0.9	45
64	Development of a method for the analysis of drugs of abuse in vitreous humor by capillary electrophoresis with diode array detection (CEâ€“DAD). Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 945-946, 84-91.	1.2	28
65	Can Ayahuasca and sleep loss change sexual performance in male rats?. Behavioural Processes, 2014, 108, 110-116.	0.5	8
66	Analysis of 11-nor-9-carboxy-Î”9-tetrahydrocannabinol in urine samples by hollow fiber-liquid phase microextraction and gas chromatographyâ€“mass spectrometry in consideration of measurement uncertainty. Forensic Toxicology, 2014, 32, 282-291.	1.4	19
67	Sudden deaths due to accidental intravenous injection of perfluorocarbon during MRI cranial examinations. Forensic Toxicology, 2014, 32, 323-330.	1.4	6
68	Anxiety-like effects of meta-chlorophenylpiperazine in paradoxically sleep-deprived mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 49, 70-77.	2.5	6
69	Separation and determination of chlorophenylpiperazine isomers in confiscated pills by capillary electrophoresis. Journal of Pharmaceutical and Biomedical Analysis, 2013, 84, 140-147.	1.4	8
70	Poisoning by illegal rodenticides containing acetylcholinesterase inhibitors (chumbinho): a prospective case series. Clinical Toxicology, 2012, 50, 44-51.	0.8	26
71	Determination of dimethyltryptamine and Î²-carbolines (ayahuasca alkaloids) in plasma samples by LCâ€“MS/MS. Bioanalysis, 2012, 4, 1731-1738.	0.6	27
72	AnÃ¡lise forense: pesquisa de drogas vegetais interferentes de testes colorimÃ©tricos para identificaÃ§Ã£o dos canabinoides da maconha (Cannabis Sativa L.). Quimica Nova, 2012, 35, 2040-2043.	0.3	27

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73	Sleep loss and acute drug abuse can induce DNA damage in multiple organs of mice. Human and Experimental Toxicology, 2011, 30, 1275-1281.	1.1	14
74	LC-MS/MS quantitation of plasma progesterone in cattle. Theriogenology, 2011, 76, 1266-1274.e2.	0.9	10
75	Chemical profile of meta-chlorophenylpiperazine (m-CPP) in ecstasy tablets by easy ambient sonic-spray ionization, X-ray fluorescence, ion mobility mass spectrometry and NMR. Analytical and Bioanalytical Chemistry, 2011, 400, 3053-3064.	1.9	46
76	Detection of Paraquat in Oral Fluid, Plasma, and Urine by Capillary Electrophoresis for Diagnosis of Acute Poisoning. Journal of Analytical Toxicology, 2011, 35, 274-279.	1.7	34
77	Influence of spontaneous calcium events on cell-cycle progression in embryonal carcinoma and adult stem cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 246-260.	1.9	70
78	BRIEF REPORT: Single exposure to cocaine or ecstasy induces DNA damage in brain and other organs of mice. Addiction Biology, 2010, 15, 96-99.	1.4	38
79	IdentificaÃ§Ã£o quÃmica da clorofenilpiperazina (CPP) em comprimidos apreendidos. Quimica Nova, 2010, 33, 725-729.	0.3	12
80	Intracellular Ca²⁺Regulation During Neuronal Differentiation of Murine Embryonal Carcinoma and Mesenchymal Stem Cells. Stem Cells and Development, 2010, 19, 379-394.	1.1	47
81	DeterminaÃ§Ã£o de 3,4-metilenodioximetanfetamina (MDMA) em comprimidos de Ecstasy por cromatografia lÃquida de alta eficiÃªncia com detecÃ§Ã£o por fluorescÃªncia (CLAE-DF). Quimica Nova, 2009, 32, 965-969.	0.3	7
82	Simple method for determination of cocaine and main metabolites in urine by CE coupled to MS. Electrophoresis, 2009, 30, 2238-2244.	1.3	31
83	Serotonin syndrome following sibutramine poisoning in a child, with sequential quantification of sibutramine and its primary and secondary amine metabolites in plasma. Clinical Toxicology, 2009, 47, 598-601.	0.8	6
84	Chemical identification of 2,5-dimethoxy-4-bromoamphetamine (DOB). Forensic Science International, 2007, 173, 130-136.	1.3	11
85	Development of a fast capillary electrophoresis method for determination of creatinine in urine samples. Journal of Chromatography A, 2007, 1171, 140-143.	1.8	30
86	Association of paradoxical sleep deprivation and ecstasy (MDMA) enhances genital reflexes in male rats. Behavioural Brain Research, 2006, 170, 287-292.	1.2	9
87	Determination of MDMA, MDEA and MDA in urine by high performance liquid chromatography with fluorescence detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 811, 41-45.	1.2	26