Mauricio Yonamine

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Rapid antidepressant effects of the psychedelic ayahuasca in treatment-resistant depression: a randomized placebo-controlled trial. Psychological Medicine, 2019, 49, 655-663.	2.7	479
2	Gas chromatographic–mass spectrometric method for the determination of the herbicides paraquat and diquat in plasma and urine samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 853, 260-264.	1.2	103
3	Solid-phase micro-extraction–gas chromatography–mass spectrometry and headspace-gas chromatography of tetrahydrocannabinol, amphetamine, methamphetamine, cocaine and ethanol in saliva samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences. 2003. 789. 73-78.	1.2	100
4	Acute Biphasic Effects of Ayahuasca. PLoS ONE, 2015, 10, e0137202.	1.1	82
5	Analysis of cocaine and its adulterants in drugs for international trafficking seized by the Brazilian Federal Police. Forensic Science International, 2015, 247, 48-53.	1.3	64
6	Gas chromatographic analysis of dimethyltryptamine and <i>β</i> arboline alkaloids in ayahuasca, an amazonian psychoactive plant beverage. Phytochemical Analysis, 2009, 20, 149-153.	1.2	62
7	Environmental modulation of ethanol-induced locomotor activity: Correlation with neuronal activity in distinct brain regions of adolescent and adult Swiss mice. Brain Research, 2008, 1239, 127-140.	1.1	60
8	On-Fiber Derivatization of SPME Extracts of Phenol, Hydroquinone and Catechol with GC-MS Detection. Chromatographia, 2006, 63, 175-179.	0.7	58
9	Determination of cocaine, benzoylecgonine and cocaethylene in human hair by solid-phase microextraction and gas chromatography–mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 798, 361-365.	1.2	56
10	Amphetamine, cocaine and cannabinoids use among truck drivers on the roads in the State of Sao Paulo, Brazil. Forensic Science International, 2012, 215, 25-27.	1.3	56
11	Determination of low levels of benzodiazepines and their metabolites in urine by hollow-fiber liquid-phase microextraction (LPME) and gas chromatography–mass spectrometry (GC–MS). Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 975, 24-33.	1.2	56
12	Headspace solid-phase microextraction of cannabinoids in human head hair samples. Journal of Separation Science, 2007, 30, 128-134.	1.3	46
13	Hollow-fiber liquid-phase microextraction of amphetamine-type stimulants in human hair samples. Journal of Chromatography A, 2012, 1254, 1-7.	1.8	46
14	Marijuana as Doping in Sports. Sports Medicine, 2003, 33, 395-399.	3.1	44
15	Ayahuasca Improves Self-perception of Speech Performance in Subjects With Social Anxiety Disorder. Journal of Clinical Psychopharmacology, 2021, 41, 540-550.	0.7	42
16	Neurotoxicity of Anhydroecgonine Methyl Ester, a Crack Cocaine Pyrolysis Product. Toxicological Sciences, 2012, 128, 223-234.	1.4	40
17	Validation of a method to detect cocaine and its metabolites in nails by gas chromatography–mass spectrometry. Forensic Science International, 2006, 159, 218-222.	1.3	37
18	Environmental enrichment blocks ethanolâ€induced locomotor sensitization and decreases BDNF levels in the prefrontal cortex in mice. Addiction Biology, 2012, 17, 736-745.	1.4	37

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19	Changes in aminoacidergic and monoaminergic neurotransmission in the hippocampus and amygdala of rats after ayahuasca ingestion. World Journal of Biological Chemistry, 2013, 4, 141.	1.7	37
20	Occupational safety and health practices among flower greenhouses workers from Alto Tietê region (Brazil). Science of the Total Environment, 2012, 416, 121-126.	3.9	36
21	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
22	Determination of cocaine and its derivatives in hair samples by liquid phase microextraction (LPME) and gas chromatography–mass spectrometry (GC–MS). Forensic Science International, 2017, 274, 83-90.	1.3	34
23	Detecting Alcohol and Illicit Drugs in Oral Fluid Samples Collected from Truck Drivers in the State of São Paulo, Brazil. Traffic Injury Prevention, 2013, 14, 127-131.	0.6	32
24	Determination of ketamine, norketamine and dehydronorketamine in urine by hollow-fiber liquid-phase microextraction using an essential oil as supported liquid membrane. Forensic Science International, 2014, 243, 47-54.	1.3	32
25	Development of a method for the determination of cocaine, cocaethylene and norcocaine in human breast milk using liquid phase microextraction and gas chromatography-mass spectrometry. Forensic Science International, 2016, 265, 22-28.	1.3	32
26	Headspace solid-phase microextraction and gas chromatographyâ^'mass spectrometry for determination of cannabinoids in human breast milk. Forensic Toxicology, 2017, 35, 125-132.	1.4	32
27	Determination of phenobarbital in hair matrix by liquid phase microextraction (LPME) and gas chromatography–mass spectrometry (GC–MS). Forensic Science International, 2016, 265, 75-80.	1.3	31
28	Confirmation of cocaine exposure by gas chromatography–mass spectrometry of urine extracts after methylation of benzoylecgonine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 773, 83-87.	1.2	30
29	Detection of cocaine and cocaethylene in sweat by solid-phase microextraction and gas chromatography/mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 811, 37-40.	1.2	30
30	1H NMR determination of β-N-methylamino-l-alanine (l-BMAA) in environmental and biological samples. Toxicon, 2009, 53, 578-583.	0.8	30
31	Maternal and developmental toxicity of ayahuasca in Wistar rats. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2010, 89, 207-212.	1.4	30
32	Ethanol-induced sensitization depends preferentially on D1 rather than D2 dopamine receptors. Pharmacology Biochemistry and Behavior, 2011, 98, 173-180.	1.3	30
33	Uso de anfetaminas por motoristas de caminhão em rodovias do Estado de São Paulo: um risco Ã ocorrência de acidentes de trânsito?. Ciencia E Saude Coletiva, 2013, 18, 1247-1254.	0.1	30
34	Environmental Tobacco Smoke Induces Oxidative Stress in Distinct Brain Regions of Infant Mice. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 971-980.	1.1	28
35	The effect of sodium fluoride preservative and storage temperature on the stability of cocaine in horse blood, sheep vitreous and deer muscle. Forensic Science International, 2012, 217, 182-188.	1.3	28
36	Association Between Travel Length and Drug Use Among Brazilian Truck Drivers. Traffic Injury Prevention, 2015, 16, 5-9.	0.6	28

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37	One-step liquid–liquid extraction of cocaine from urine samples for gas chromatographic analysis. Forensic Science International, 2002, 127, 204-207.	1.3	27
38	Drug Use by Truck Drivers in Brazil. Drugs: Education, Prevention and Policy, 2003, 10, 135-139.	0.8	27
39	Determination of dimethyltryptamine and β-carbolines (ayahuasca alkaloids) in plasma samples by LC–MS/MS. Bioanalysis, 2012, 4, 1731-1738.	0.6	27
40	Non-Intentional Doping in Sports. Sports Medicine, 2004, 34, 697-704.	3.1	26
41	Recent Advances in Chromatographic Methods to Detect Drugs of Abuse in Alternative Biological Matrices. Current Pharmaceutical Analysis, 2007, 3, 95-109.	0.3	26
42	Detection of cocaine and cocaethylene in sweat by solid-phase microextraction and gas chromatography/mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 811, 37-40.	1.2	25
43	Determination of cocaine and cocaethylene in urine by solid-phase microextraction and gas chromatography–mass spectrometry. Biomedical Chromatography, 2006, 20, 1071-1075.	0.8	25
44	Determination of eight fatty acid ethyl esters in meconium samples by headspace solidâ€phase microextraction and gas chromatography–mass spectrometry. Journal of Separation Science, 2010, 33, 2115-2122.	1.3	25
45	Determination of Opiates in Whole Blood and Vitreous Humor: A Study of the Matrix Effect and an Experimental Design to Optimize Conditions for the Enzymatic Hydrolysis of Glucuronides. Journal of Analytical Toxicology, 2012, 36, 162-170.	1.7	25
46	Effects of Ayahuasca on the Recognition of Facial Expressions of Emotions in Naive Healthy Volunteers. Journal of Clinical Psychopharmacology, 2021, 41, 267-274.	0.7	25
47	Determination of anatoxin-a in environmental water samples by solid-phase microextraction and gas chromatography-mass spectrometry. Journal of Separation Science, 2006, 29, 2085-2090.	1.3	24
48	Effects of Chronic Exposure to Crack Cocaine on the Respiratory Tract of Mice. Toxicologic Pathology, 2009, 37, 324-332.	0.9	23
49	qNMR: An applicable method for the determination of dimethyltryptamine in ayahuasca, a psychoactive plant preparation. Phytochemistry Letters, 2010, 3, 79-83.	0.6	23
50	Determination of antidepressants in whole blood using hollow-fiber liquid-phase microextraction and gas chromatography–mass spectrometry. Forensic Toxicology, 2014, 32, 214-224.	1.4	23
51	Green sample preparations for the bioanalysis of drugs of abuse in complex matrices. Bioanalysis, 2019, 11, 295-312.	0.6	23
52	Hollowâ€fiber liquidâ€phase microextraction and gas chromatographyâ€mass spectrometry of barbiturates in whole blood samples. Journal of Separation Science, 2012, 35, 3361-3368.	1.3	22
53	Changes in CREB activation in the prefrontal cortex and hippocampus blunt ethanol-induced behavioral sensitization in adolescent mice. Frontiers in Integrative Neuroscience, 2013, 7, 94.	1.0	22
54	Behavioral Changes Over Time Following Ayahuasca Exposure in Zebrafish. Frontiers in Behavioral Neuroscience, 2017, 11, 139.	1.0	22

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55	Effects of Long-Term Ayahuasca Administration on Memory and Anxiety in Rats. PLoS ONE, 2015, 10, e0145840.	1.1	21
56	Prevalence of drugs in oral fluid from truck drivers in Brazilian highways. Forensic Science International, 2017, 273, 140-143.	1.3	21
57	Cannabinoid contents in cannabis products seized in São Paulo, Brazil, 2006–2007. Forensic Toxicology, 2008, 26, 31-35.	1.4	20
58	Measurement uncertainty for the determination of amphetamines in urine by liquid-phase microextraction and gas chromatography-mass spectrometry. Forensic Science International, 2016, 265, 81-88.	1.3	20
59	Analysis of 11-nor-9-carboxy-î"9-tetrahydrocannabinol in urine samples by hollow fiber-liquid phase microextraction and gas chromatography–mass spectrometry in consideration of measurement uncertainty. Forensic Toxicology, 2014, 32, 282-291.	1.4	19
60	Development and practical application of accelerated solvent extraction for the isolation of cocaine/crack biomarkers in meconium samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 957, 14-23.	1.2	19
61	Liquid-Phase Microextraction and Gas Chromatographic-Mass Spectrometric Analysis of Antidepressants in Vitreous Humor: Study of Matrix Effect of Human and Bovine Vitreous and Saline Solution. Journal of Analytical Toxicology, 2016, 40, 187-193.	1.7	17
62	Drug abuse among workers in Brazilian regions. Revista De Saude Publica, 2004, 38, 552-556.	0.7	16
63	Hollow fiber–liquid phase microextraction of barbiturates in liver samples. Forensic Toxicology, 2013, 31, 31-36.	1.4	16
64	A fast and simple approach for the quantification of 40 illicit drugs, medicines, and pesticides in blood and urine samples by UHPLCâ€MS/MS. Journal of Mass Spectrometry, 2019, 54, 600-611.	0.7	16
65	Stability Evaluation of DMT and Harmala Alkaloids in Ayahuasca Tea Samples. Molecules, 2020, 25, 2072.	1.7	16
66	Quality of Life, Mental Health, Personality and Patterns of Use in Selfâ€Medicated Cannabis Users with Chronic Diseases: A 12â€Month Longitudinal Study. Phytotherapy Research, 2020, 34, 1670-1677.	2.8	16
67	Trends in the use of psychoactive substances by truck drivers in São Paulo State, Brazil: A time-series cross sectional roadside survey (2009–2016). Traffic Injury Prevention, 2019, 20, 122-127.	0.6	15
68	Diminished cholesterol efflux mediated by HDL and coronary artery disease in young male anabolic androgenic steroid users. Atherosclerosis, 2019, 283, 100-105.	0.4	15
69	A high-performance thin-layer chromatographic technique to screen cocaine in urine samples. Legal Medicine, 2006, 8, 184-187.	0.6	14
70	Analysis of skeletal muscle has potential value in the assessment of cocaine-related deaths. Forensic Science International, 2013, 226, 46-53.	1.3	13
71	Simultaneous accelerated solvent extraction and hydrolysis of 11-nor-Δ 9 -tetrahydrocannabinol-9-carboxylic acid glucuronide in meconium samples for gas chromatography–mass spectrometry analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences. 2018, 1074,1075, 1.7	1.2	13
72	Neurobehavioral, reflexological and physical development of Wistar rat offspring exposed to ayahuasca during pregnancy and lactation. Revista Brasileira De Farmacognosia, 2011, 21, 1065-1076.	0.6	12

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73	Enzymatic-spectrophotometric determination of paraquat in urine samples: A method based on its toxic mechanism. Toxicology Mechanisms and Methods, 2010, 20, 424-427.	1.3	11
74	Anhydroecgonine methyl ester, a cocaine pyrolysis product, may contribute to cocaine behavioral sensitization. Toxicology, 2017, 376, 44-50.	2.0	11
75	Alcohol and other drug use by Brazilian truck drivers: a cause for concern?. Revista Brasileira De Psiquiatria, 2012, 34, 116-117.	0.9	10
76	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
77	Effects of Ayahuasca on Personality: Results of Two Randomized, Placebo-Controlled Trials in Healthy Volunteers. Frontiers in Psychiatry, 2021, 12, 688439.	1.3	10
78	A continuidade do uso de anfetaminas por motoristas de caminhão no Estado de São Paulo, Brasil, a despeito da proibição de sua produção, prescrição e uso. Cadernos De Saude Publica, 2013, 29, 1903-19	09: ⁴	10
79	Survey on the use of psychotropic drugs by twelve military police units in the municipalities of Goiânia and Aparecida de Goi¢nia, state of Goiás, Brazil. Revista Brasileira De Psiquiatria, 2010, 32, 389-395.	0.9	10
80	Determining Plasma Morphine Levels Using Gc-Ms After Solid Phase Extraction to Monitor Drug Levels in the Postoperative Period. Clinics, 2008, 63, 307-314.	0.6	9
81	Synthetic cannabinoid receptor agonists profile in infused papers seized in Brazilian prisons. Forensic Toxicology, 2022, 40, 119-124.	1.4	9
82	Repeated inhalation of crack-cocaine affects spermatogenesis in young and adult mice. Inhalation Toxicology, 2012, 24, 439-446.	0.8	8
83	A new exposure model to evaluate smoked illicit drugs in rodents: A study of crack cocaine. Journal of Pharmacological and Toxicological Methods, 2016, 77, 17-23.	0.3	8
84	Possible Interactions Between 5-HT2A Receptors and the Endocannabinoid System in Humans. Journal of Clinical Psychopharmacology, 2018, 38, 644-646.	0.7	8
85	Cocaine toxicological findings in cases of violent death in Sao Paulo city - Brazil. Journal of Clinical Forensic and Legal Medicine, 2018, 60, 3-8.	0.5	8
86	Internet method for the extraction of <i>N,N</i> -dimethyltryptamine from <i>Mimosa hostilis</i> roots: Does it really extract dimethyltryptamine?. Journal of Psychedelic Studies, 2019, 3, 1-6.	0.5	8
87	Retrograde and oscillatory shear rate in young anabolic androgenic steroid users. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 422-429.	1.3	8
88	Ayahuasca, a psychedelic beverage, modulates neuroplasticity induced by ethanol in mice. Behavioural Brain Research, 2022, 416, 113546.	1.2	8
89	Green Analytical Toxicology for the Determination of Cocaine Metabolites. Journal of Analytical Toxicology, 2023, 46, 965-978.	1.7	8
90	Effects of ayahuasca on the endocannabinoid system of healthy volunteers and in volunteers with social anxiety disorder: Results from two pilot, proofâ€ofâ€concept, randomized, placeboâ€controlled trials. Human Psychopharmacology, 2022, , e2834.	0.7	8

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91	Organophosphate and carbamate poisonings in the northwest of Paraná state, Brazil from 1994 to 2005: clinical and epidemiological aspects. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2008, 44,	0.5	7
92	Accelerated Solvent Extraction for Gas Chromatographic Analysis of Nicotine and Cotinine in Meconium Samples. Journal of Analytical Toxicology, 2012, 36, 19-24.	1.7	7
93	Prevalência do uso de drogas psicotrópicas em unidades da polÃcia militar. Ciencia E Saude Coletiva, 2015, 20, 1843-1849.	0.1	7
94	Essential oil-based dispersive liquid-liquid microextraction for the determination of N,N-dimethyltryptamine and β-carbolines in human plasma: A novel solvent-free alternative. Talanta, 2021, 225, 121976.	2.9	7
95	Analysis of biofluids by paper spray-MSÂin forensic toxicology. Bioanalysis, 2020, 12, 1087-1102.	0.6	6
96	A rapid analytical strategy for the determination of ayahuasca alkaloids in non-ritualistic approaches by UHPLC-MS/MS. Forensic Science International, 2020, 312, 110298.	1.3	6
97	Relationship between cocaine and cocaethylene blood concentration with the severity of clinical manifestations. American Journal of Emergency Medicine, 2021, 50, 404-408.	0.7	6
98	Antidepressant and anxiolytic-like effects of ayahuasca in rats subjected to LPS-induced neuroinflammation. Behavioural Brain Research, 2022, 434, 114007.	1.2	6
99	Validação de método para determinação de 3,4-metilenodioximetanfetamina (MDMA) em comprimidos de ecstasy por cromatografia em fase gasosa. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2004, 40, 75-83.	e 0.5	5
100	Determinação de esteróides androgênicos anabólicos em urina por cromatografia gasosa acoplada Ã espectrometria de massas. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2005, 41, 467-476.	0.5	5
101	Blood Doping: Risks to Athletes' Health and Strategies for Detection. Substance Use and Misuse, 2014, 49, 1168-1181.	0.7	5
102	Neurovascular Response during Exercise and Mental Stress in Anabolic Steroid Users. Medicine and Science in Sports and Exercise, 2018, 50, 596-602.	0.2	5
103	Fast Hollow Fiber Liquid-Phase Microextraction as a Greener Alternative for the Determination of N,N-Dimethyltryptamine and Harmala Alkaloids in Human Urine. Frontiers in Chemistry, 2020, 8, 558501.	1.8	5
104	Resting spontaneous baroreflex sensitivity and cardiac autonomic control in anabolic androgenic steroid users. Clinics, 2018, 73, e226.	0.6	4
105	Mass spectrometry determination of seized oil-based anabolic-androgenic steroids products. Forensic Science International, 2021, 328, 111012.	1.3	4
106	Pre-clinical interaction of ayahuasca, a brew used in spiritual movements, with morphine and propofol. Brazilian Journal of Pharmaceutical Sciences, 2018, 54, .	1.2	3
107	Development of a simple HPLCâ€DAD multiâ€analyte procedure and its application in cases evaluated by the Poison Control Center of São Paulo, Brazil. Biomedical Chromatography, 2018, 32, e4360.	0.8	3
108	Analysis of seized stanozolol formulations in South Brazil by liquid chromatography coupled to quadrupole time-of-flight-mass spectrometry. Drug Analytical Research, 2020, 4, 58-63.	0.2	3

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109	Determination of Amphetamine, Amfepramone and Fenproporex in Urine Samples by HPLC-DAD: Application to a Population of Brazilian Truck Drivers. Journal of the Brazilian Chemical Society, 2015,	0.6	3
110	The relevance of performing developmental toxicity studies about ayahuasca. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2010, 89, 531-532.	1.4	2
111	Hair drug testing in the new Brazilian regulation to obtain professional driver's licence: no parallel to any other law enforcement in the world. Addiction, 2015, 110, 1207-1208.	1.7	2
112	Bioanalytical and methodological challenges in the evaluation of fetal Cannabis exposure. Bioanalysis, 2018, 10, 713-716.	0.6	2
113	Multivariate analysis applied in dataset of Poison Control Center of São Paulo, Brazil. Scientific Reports, 2020, 10, 9498.	1.6	2
114	Late hyaluronidase injection in local anesthesia: Morphofunctional evaluation in rat sciatic nerve block. Indian Journal of Dental Research, 2019, 30, 692.	0.1	2
115	Determinação de efedrinas em urina por cromatografia em fase gasosa (CG/DNP) para o controle da dopagem no esporte. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2005, 41, 351.	0.5	1
116	Hair testing: an ineffective DUI strategy in Brazil. Addiction, 2018, 113, 374-376.	1.7	1
117	Decreased Native T1 Values and Impaired Myocardial Contractility in Anabolic Steroid Users. International Journal of Sports Medicine, 2021, , .	0.8	1
118	Chronic escalating-dose and acute binge cocaine treatments change the hippocampal cholinergic muscarinic system on drug presence and after withdrawal. Toxicology and Applied Pharmacology, 2022, 447, 116068.	1.3	1
119	Dried matrix spots in forensic toxicology. Bioanalysis, 2021, 13, 1441-1458.	0.6	0
120	SIMPLE AND FAST DETERMINATION FOR GAMMA-HYDROXYBUTYRATE (GHB) IN URINE SAMPLE BY LLE AND GC-MS. Quimica Nova, 2020, , .	0.3	0
121	In Utero Exposure to Environmental Tobacco Smoke Increases Neuroinflammation in Offspring. Frontiers in Toxicology, 2021, 3, 802542.	1.6	0
122	Evaluation of artificial drug incorporation into hair for the production of quality control samples. Drug Analytical Research, 2021, 5, 30-35.	0.2	0