Mauricio Yonamine

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4605020/publications.pdf

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122 papers 3,055 citations

28 h-index 214800 47 g-index

124 all docs

124 docs citations

times ranked

124

2886 citing authors

#	Article	IF	CITATIONS
1	Green Analytical Toxicology for the Determination of Cocaine Metabolites. Journal of Analytical Toxicology, 2023, 46, 965-978.	2.8	8
2	Synthetic cannabinoid receptor agonists profile in infused papers seized in Brazilian prisons. Forensic Toxicology, 2022, 40, 119-124.	2.4	9
3	Ayahuasca, a psychedelic beverage, modulates neuroplasticity induced by ethanol in mice. Behavioural Brain Research, 2022, 416, 113546.	2.2	8
4	Effects of ayahuasca on the endocannabinoid system of healthy volunteers and in volunteers with social anxiety disorder: Results from two pilot, proofâ€ofâ€oncept, randomized, placeboâ€ontrolled trials. Human Psychopharmacology, 2022, , e2834.	1.5	8
5	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.	2.8	1
6	Antidepressant and anxiolytic-like effects of ayahuasca in rats subjected to LPS-induced neuroinflammation. Behavioural Brain Research, 2022, 434, 114007.	2.2	6
7	Essential oil-based dispersive liquid-liquid microextraction for the determination of N,N-dimethyltryptamine and \hat{l}^2 -carbolines in human plasma: A novel solvent-free alternative. Talanta, 2021, 225, 121976.	5.5	7
8	Effects of Ayahuasca on the Recognition of Facial Expressions of Emotions in Naive Healthy Volunteers. Journal of Clinical Psychopharmacology, 2021, 41, 267-274.	1.4	25
9	Ayahuasca Improves Self-perception of Speech Performance in Subjects With Social Anxiety Disorder. Journal of Clinical Psychopharmacology, 2021, 41, 540-550.	1.4	42
10	Effects of Ayahuasca on Personality: Results of Two Randomized, Placebo-Controlled Trials in Healthy Volunteers. Frontiers in Psychiatry, 2021, 12, 688439.	2.6	10
11	Decreased Native T1 Values and Impaired Myocardial Contractility in Anabolic Steroid Users. International Journal of Sports Medicine, 2021, , .	1.7	1
12	Dried matrix spots in forensic toxicology. Bioanalysis, 2021, 13, 1441-1458.	1.5	0
13	Mass spectrometry determination of seized oil-based anabolic-androgenic steroids products. Forensic Science International, 2021, 328, 111012.	2.2	4
14	Relationship between cocaine and cocaethylene blood concentration with the severity of clinical manifestations. American Journal of Emergency Medicine, 2021, 50, 404-408.	1.6	6
15	In Utero Exposure to Environmental Tobacco Smoke Increases Neuroinflammation in Offspring. Frontiers in Toxicology, 2021, 3, 802542.	3.1	0
16	Evaluation of artificial drug incorporation into hair for the production of quality control samples. Drug Analytical Research, 2021, 5, 30-35.	0.6	0
17	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.	3.6	5
18	Analysis of biofluids by paper spray-MSÂin forensic toxicology. Bioanalysis, 2020, 12, 1087-1102.	1.5	6

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19	Stability Evaluation of DMT and Harmala Alkaloids in Ayahuasca Tea Samples. Molecules, 2020, 25, 2072.	3.8	16
20	Multivariate analysis applied in dataset of Poison Control Center of São Paulo, Brazil. Scientific Reports, 2020, 10, 9498.	3.3	2
21	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.	5.8	16
22	A rapid analytical strategy for the determination of ayahuasca alkaloids in non-ritualistic approaches by UHPLC-MS/MS. Forensic Science International, 2020, 312, 110298.	2.2	6
23	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.	0.6	3
24	SIMPLE AND FAST DETERMINATION FOR GAMMA-HYDROXYBUTYRATE (GHB) IN URINE SAMPLE BY LLE AND GC-MS. Quimica Nova, 2020, , .	0.3	0
25	Rapid antidepressant effects of the psychedelic ayahuasca in treatment-resistant depression: a randomized placebo-controlled trial. Psychological Medicine, 2019, 49, 655-663.	4.5	479
26	Green sample preparations for the bioanalysis of drugs of abuse in complex matrices. Bioanalysis, 2019, 11, 295-312.	1.5	23
27	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.	1.6	16
28	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.	1.2	8
29	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.	1.4	15
30	Diminished cholesterol efflux mediated by HDL and coronary artery disease in young male anabolic androgenic steroid users. Atherosclerosis, 2019, 283, 100-105.	0.8	15
31	Retrograde and oscillatory shear rate in young anabolic androgenic steroid users. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 422-429.	2.9	8
32	Late hyaluronidase injection in local anesthesia: Morphofunctional evaluation in rat sciatic nerve block. Indian Journal of Dental Research, 2019, 30, 692.	0.4	2
33	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.	2.3	13
34	Neurovascular Response during Exercise and Mental Stress in Anabolic Steroid Users. Medicine and Science in Sports and Exercise, 2018, 50, 596-602.	0.4	5
35	Hair testing: an ineffective DUI strategy in Brazil. Addiction, 2018, 113, 374-376.	3.3	1
36	Possible Interactions Between 5-HT2A Receptors and the Endocannabinoid System in Humans. Journal of Clinical Psychopharmacology, 2018, 38, 644-646.	1.4	8

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37	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
38	Cocaine toxicological findings in cases of violent death in Sao Paulo city - Brazil. Journal of Clinical Forensic and Legal Medicine, 2018, 60, 3-8.	1.0	8
39	Bioanalytical and methodological challenges in the evaluation of fetal Cannabis exposure. Bioanalysis, 2018, 10, 713-716.	1.5	2
40	Resting spontaneous baroreflex sensitivity and cardiac autonomic control in anabolic androgenic steroid users. Clinics, 2018, 73, e226.	1.5	4
41	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.	1.7	3
42	Anhydroecgonine methyl ester, a cocaine pyrolysis product, may contribute to cocaine behavioral sensitization. Toxicology, 2017, 376, 44-50.	4.2	11
43	Prevalence of drugs in oral fluid from truck drivers in Brazilian highways. Forensic Science International, 2017, 273, 140-143.	2.2	21
44	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.	2.2	34
45	Headspace solid-phase microextraction and gas chromatographyâ" mass spectrometry for determination of cannabinoids in human breast milk. Forensic Toxicology, 2017, 35, 125-132.	2.4	32
46	Behavioral Changes Over Time Following Ayahuasca Exposure in Zebrafish. Frontiers in Behavioral Neuroscience, 2017, 11, 139.	2.0	22
47	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.	2.2	32
48	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.	2.2	20
49	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.	2.8	17
50	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.	2.2	31
51	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.	0.7	8
52	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.	3.3	2
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.	3.3	10
54	Prevalência do uso de drogas psicotrópicas em unidades da polÃcia militar. Ciencia E Saude Coletiva, 2015, 20, 1843-1849.	0.5	7

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55	Acute Biphasic Effects of Ayahuasca. PLoS ONE, 2015, 10, e0137202.	2.5	82
56	Effects of Long-Term Ayahuasca Administration on Memory and Anxiety in Rats. PLoS ONE, 2015, 10, e0145840.	2.5	21
57	Analysis of cocaine and its adulterants in drugs for international trafficking seized by the Brazilian Federal Police. Forensic Science International, 2015, 247, 48-53.	2.2	64
58	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.	1.7	35
59	Association Between Travel Length and Drug Use Among Brazilian Truck Drivers. Traffic Injury Prevention, 2015, 16, 5-9.	1.4	28
60	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.	2.3	56
61	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
62	Determination of antidepressants in whole blood using hollow-fiber liquid-phase microextraction and gas chromatography–mass spectrometry. Forensic Toxicology, 2014, 32, 214-224.	2.4	23
63	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.	2.2	32
64	Blood Doping: Risks to Athletes' Health and Strategies for Detection. Substance Use and Misuse, 2014, 49, 1168-1181.	1.4	5
65	Analysis of 11-nor-9-carboxy-l̂"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.	2.4	19
66	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.	2.3	19
67	Hollow fiber–liquid phase microextraction of barbiturates in liver samples. Forensic Toxicology, 2013, 31, 31-36.	2.4	16
68	Analysis of skeletal muscle has potential value in the assessment of cocaine-related deaths. Forensic Science International, 2013, 226, 46-53.	2.2	13
69	Detecting Alcohol and Illicit Drugs in Oral Fluid Samples Collected from Truck Drivers in the State of SÃŁo Paulo, Brazil. Traffic Injury Prevention, 2013, 14, 127-131.	1.4	32
70	Changes in aminoacidergic and monoaminergic neurotransmission in the hippocampus and amygdala of rats after ayahuasca ingestion. World Journal of Biological Chemistry, 2013, 4, 141.	4.3	37
71	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.	0.5	30
72	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.	2.1	22

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73	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, 1903-1	190 <mark>9:</mark> 0	10
74	Neurotoxicity of Anhydroecgonine Methyl Ester, a Crack Cocaine Pyrolysis Product. Toxicological Sciences, 2012, 128, 223-234.	3.1	40
75	Accelerated Solvent Extraction for Gas Chromatographic Analysis of Nicotine and Cotinine in Meconium Samples. Journal of Analytical Toxicology, 2012, 36, 19-24.	2.8	7
76	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.	2.3	28
77	Repeated inhalation of crack-cocaine affects spermatogenesis in young and adult mice. Inhalation Toxicology, 2012, 24, 439-446.	1.6	8
78	Hollowâ€fiber liquidâ€phase microextraction and gas chromatographyâ€mass spectrometry of barbiturates in whole blood samples. Journal of Separation Science, 2012, 35, 3361-3368.	2.5	22
79	Alcohol and other drug use by Brazilian truck drivers: a cause for concern?. Revista Brasileira De Psiquiatria, 2012, 34, 116-117.	1.7	10
80	Hollow-fiber liquid-phase microextraction of amphetamine-type stimulants in human hair samples. Journal of Chromatography A, 2012, 1254, 1-7.	3.7	46
81	Determination of dimethyltryptamine and \hat{l}^2 -carbolines (ayahuasca alkaloids) in plasma samples by LCâ \in "MS/MS. Bioanalysis, 2012, 4, 1731-1738.	1.5	27
82	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.	2.8	25
83	Environmental enrichment blocks ethanolâ€induced locomotor sensitization and decreases BDNF levels in the prefrontal cortex in mice. Addiction Biology, 2012, 17, 736-745.	2.6	37
84	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.	2.2	56
85	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.	2.2	28
86	Occupational safety and health practices among flower greenhouses workers from Alto Tiet \tilde{A}^a region (Brazil). Science of the Total Environment, 2012, 416, 121-126.	8.0	36
87	Neurobehavioral, reflexological and physical development of Wistar rat offspring exposed to ayahuasca during pregnancy and lactation. Revista Brasileira De Farmacognosia, 2011, 21, 1065-1076.	1.4	12
88	Ethanol-induced sensitization depends preferentially on D1 rather than D2 dopamine receptors. Pharmacology Biochemistry and Behavior, 2011, 98, 173-180.	2.9	30
89	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
90	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

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91	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.	2.5	25
92	qNMR: An applicable method for the determination of dimethyltryptamine in ayahuasca, a psychoactive plant preparation. Phytochemistry Letters, 2010, 3, 79-83.	1.2	23
93	Enzymatic-spectrophotometric determination of paraquat in urine samples: A method based on its toxic mechanism. Toxicology Mechanisms and Methods, 2010, 20, 424-427.	2.7	11
94	Survey on the use of psychotropic drugs by twelve military police units in the municipalities of Goiânia and Aparecida de Goiânia, state of Goiás, Brazil. Revista Brasileira De Psiquiatria, 2010, 32, 389-395.	1.7	10
95	Gas chromatographic analysis of dimethyltryptamine and <i>β</i> à€€arboline alkaloids in ayahuasca, an amazonian psychoactive plant beverage. Phytochemical Analysis, 2009, 20, 149-153.	2.4	62
96	Effects of Chronic Exposure to Crack Cocaine on the Respiratory Tract of Mice. Toxicologic Pathology, 2009, 37, 324-332.	1.8	23
97	1H NMR determination of \hat{l}^2 -N-methylamino-l-alanine (l-BMAA) in environmental and biological samples. Toxicon, 2009, 53, 578-583.	1.6	30
98	Cannabinoid contents in cannabis products seized in São Paulo, Brazil, 2006–2007. Forensic Toxicology, 2008, 26, 31-35.	2.4	20
99	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.	2.2	60
100	Organophosphate and carbamate poisonings in the northwest of Paran \tilde{A}_i state, Brazil from 1994 to 2005: clinical and epidemiological aspects. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2008, 44, .	0.5	7
101	Determining Plasma Morphine Levels Using Gc-Ms After Solid Phase Extraction to Monitor Drug Levels in the Postoperative Period. Clinics, 2008, 63, 307-314.	1.5	9
102	Headspace solid-phase microextraction of cannabinoids in human head hair samples. Journal of Separation Science, 2007, 30, 128-134.	2.5	46
103	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.	2.3	103
104	Recent Advances in Chromatographic Methods to Detect Drugs of Abuse in Alternative Biological Matrices. Current Pharmaceutical Analysis, 2007, 3, 95-109.	0.6	26
105	Validation of a method to detect cocaine and its metabolites in nails by gas chromatography–mass spectrometry. Forensic Science International, 2006, 159, 218-222.	2.2	37
106	A high-performance thin-layer chromatographic technique to screen cocaine in urine samples. Legal Medicine, 2006, 8, 184-187.	1.3	14
107	On-Fiber Derivatization of SPME Extracts of Phenol, Hydroquinone and Catechol with GC-MS Detection. Chromatographia, 2006, 63, 175-179.	1.3	58
108	Determination of cocaine and cocaethylene in urine by solid-phase microextraction and gas chromatography–mass spectrometry. Biomedical Chromatography, 2006, 20, 1071-1075.	1.7	25

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109	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.	2.5	24
110	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
111	Determinação de esteróides androgênicos anabólicos em urina por cromatografia gasosa acoplada à espectrometria de massas. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2005, 41, 467-476.	0.5	5
112	Drug abuse among workers in Brazilian regions. Revista De Saude Publica, 2004, 38, 552-556.	1.7	16
113	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
114	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.	2.3	30
115	Non-Intentional Doping in Sports. Sports Medicine, 2004, 34, 697-704.	6.5	26
116	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.	2.3	25
117	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.	2.3	56
118	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.	2.3	100
119	Marijuana as Doping in Sports. Sports Medicine, 2003, 33, 395-399.	6.5	44
120	Drug Use by Truck Drivers in Brazil. Drugs: Education, Prevention and Policy, 2003, 10, 135-139.	1.3	27
121	One-step liquid–liquid extraction of cocaine from urine samples for gas chromatographic analysis. Forensic Science International, 2002, 127, 204-207.	2.2	27
122	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.	2.3	30