

Mauricio Yonamine

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4605020/mauricio-yonamine-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

2,120
citations

25
h-index

39
g-index

124
ext. papers

2,539
ext. citations

2.9
avg, IF

4.81
L-index

#	Paper	IF	Citations
116	Effects of ayahuasca on the endocannabinoid system of healthy volunteers and in volunteers with social anxiety disorder: Results from two pilot, proof-of-concept, randomized, placebo-controlled trials.. <i>Human Psychopharmacology</i> , 2022 , e2834	2.3	1
115	Ayahuasca, a psychedelic beverage, modulates neuroplasticity induced by ethanol in mice. <i>Behavioural Brain Research</i> , 2022 , 416, 113546	3.4	1
114	Chronic escalating-dose and acute binge cocaine treatments change the hippocampal cholinergic muscarinic system on drug presence and after withdrawal. <i>Toxicology and Applied Pharmacology</i> , 2022 , 447, 116068	4.6	0
113	Exposure to Environmental Tobacco Smoke Increases Neuroinflammation in Offspring.. <i>Frontiers in Toxicology</i> , 2021 , 3, 802542	1.6	
112	Effects of Ayahuasca on the Recognition of Facial Expressions of Emotions in Naive Healthy Volunteers: A Pilot, Proof-of-Concept, Randomized Controlled Trial. <i>Journal of Clinical Psychopharmacology</i> , 2021 , 41, 267-274	1.7	8
111	Ayahuasca Improves Self-perception of Speech Performance in Subjects With Social Anxiety Disorder: A Pilot, Proof-of-Concept, Randomized, Placebo-Controlled Trial. <i>Journal of Clinical Psychopharmacology</i> , 2021 , 41, 540-550	1.7	3
110	Essential oil-based dispersive liquid-liquid microextraction for the determination of N,N-dimethyltryptamine and ß-carbolines in human plasma: A novel solvent-free alternative. <i>Talanta</i> , 2021 , 225, 121976	6.2	2
109	Effects of Ayahuasca on Personality: Results of Two Randomized, Placebo-Controlled Trials in Healthy Volunteers. <i>Frontiers in Psychiatry</i> , 2021 , 12, 688439	5	3
108	Mass spectrometry determination of seized oil-based anabolic-androgenic steroids products. <i>Forensic Science International</i> , 2021 , 328, 111012	2.6	0
107	Relationship between cocaine and cocaethylene blood concentration with the severity of clinical manifestations. <i>American Journal of Emergency Medicine</i> , 2021 , 50, 404-408	2.9	0
106	Stability Evaluation of DMT and Harmala Alkaloids in Ayahuasca Tea Samples. <i>Molecules</i> , 2020 , 25,	4.8	9
105	Multivariate analysis applied in dataset of Poison Control Center of Sõ Paulo, Brazil. <i>Scientific Reports</i> , 2020 , 10, 9498	4.9	1
104	Quality of Life, Mental Health, Personality and Patterns of Use in Self-Medicated Cannabis Users with Chronic Diseases: A 12-Month Longitudinal Study. <i>Phytotherapy Research</i> , 2020 , 34, 1670-1677	6.7	8
103	Analysis of seized stanozolol formulations in South Brazil by liquid chromatography coupled to quadrupole time-of-flight-mass spectrometry. <i>Drug Analytical Research</i> , 2020 , 4, 58-63	1.6	2
102	Fast Hollow Fiber Liquid-Phase Microextraction as a Greener Alternative for the Determination of N,N-Dimethyltryptamine and Harmala Alkaloids in Human Urine. <i>Frontiers in Chemistry</i> , 2020 , 8, 558501	5	2
101	Analysis of biofluids by paper spray-MS in forensic toxicology. <i>Bioanalysis</i> , 2020 , 12, 1087-1102	2.1	2
100	A rapid analytical strategy for the determination of ayahuasca alkaloids in non-ritualistic approaches by UHPLC-MS/MS. <i>Forensic Science International</i> , 2020 , 312, 110298	2.6	2

99	Green sample preparations for the bioanalysis of drugs of abuse in complex matrices. <i>Bioanalysis</i> , 2019 ,	2.1	14
98	A fast and simple approach for the quantification of 40 illicit drugs, medicines, and pesticides in blood and urine samples by UHPLC-MS/MS. <i>Journal of Mass Spectrometry</i> , 2019 , 54, 600-611	2.2	7
97	Internet method for the extraction of N,N-dimethyltryptamine from <i>Mimosa hostilis</i> roots: Does it really extract dimethyltryptamine?. <i>Journal of Psychedelic Studies</i> , 2019 , 3, 1-6	2.5	3
96	Trends in the use of psychoactive substances by truck drivers in Sõ Paulo State, Brazil: A time-series cross sectional roadside survey (2009-2016). <i>Traffic Injury Prevention</i> , 2019 , 20, 122-127	1.8	9
95	Diminished cholesterol efflux mediated by HDL and coronary artery disease in young male anabolic androgenic steroid users. <i>Atherosclerosis</i> , 2019 , 283, 100-105	3.1	8
94	Rapid antidepressant effects of the psychedelic ayahuasca in treatment-resistant depression: a randomized placebo-controlled trial. <i>Psychological Medicine</i> , 2019 , 49, 655-663	6.9	238
93	Late hyaluronidase injection in local anesthesia: Morphofunctional evaluation in rat sciatic nerve block. <i>Indian Journal of Dental Research</i> , 2019 , 30, 692-696	0.8	
92	Retrograde and oscillatory shear rate in young anabolic androgenic steroid users. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 422-429	4.6	3
91	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1074-1075, 1-7	3.2	8
90	Neurovascular Response during Exercise and Mental Stress in Anabolic Steroid Users. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 596-602	1.2	3
89	Resting spontaneous baroreflex sensitivity and cardiac autonomic control in anabolic androgenic steroid users. <i>Clinics</i> , 2018 , 73, e226	2.3	2
88	Development of a simple HPLC-DAD multi-analyte procedure and its application in cases evaluated by the Poison Control Center of Sõ Paulo, Brazil. <i>Biomedical Chromatography</i> , 2018 , 32, e4360	1.7	2
87	Hair testing: an ineffective DUI strategy in Brazil. <i>Addiction</i> , 2018 , 113, 374-376	4.6	1
86	Possible Interactions Between 5-HT _{2A} Receptors and the Endocannabinoid System in Humans: Preliminary Evidence of Interactive Effects of Ayahuasca and Endocannabinoids in a Healthy Human Subject. <i>Journal of Clinical Psychopharmacology</i> , 2018 , 38, 644-646	1.7	4
85	Pre-clinical interaction of ayahuasca, a brew used in spiritual movements, with morphine and propofol. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018 , 54,	1.8	1
84	Cocaine toxicological findings in cases of violent death in Sao Paulo city - Brazil. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018 , 60, 3-8	1.7	4
83	Bioanalytical and methodological challenges in the evaluation of fetal Cannabis exposure. <i>Bioanalysis</i> , 2018 , 10, 713-716	2.1	1
82	Anhydroecgonine methyl ester, a cocaine pyrolysis product, may contribute to cocaine behavioral sensitization. <i>Toxicology</i> , 2017 , 376, 44-50	4.4	8

81	Prevalence of drugs in oral fluid from truck drivers in Brazilian highways. <i>Forensic Science International</i> , 2017 , 273, 140-143	2.6	13
80	Determination of cocaine and its derivatives in hair samples by liquid phase microextraction (LPME) and gas chromatography-mass spectrometry (GC-MS). <i>Forensic Science International</i> , 2017 , 274, 83-90	2.6	26
79	Headspace solid-phase microextraction and gas chromatography-mass spectrometry for determination of cannabinoids in human breast milk. <i>Forensic Toxicology</i> , 2017 , 35, 125-132	2.6	27
78	Behavioral Changes Over Time Following Ayahuasca Exposure in Zebrafish. <i>Frontiers in Behavioral Neuroscience</i> , 2017 , 11, 139	3.5	15
77	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. <i>Forensic Science International</i> , 2016 , 265, 22-8	2.6	23
76	Measurement uncertainty for the determination of amphetamines in urine by liquid-phase microextraction and gas chromatography-mass spectrometry. <i>Forensic Science International</i> , 2016 , 265, 81-8	2.6	19
75	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. <i>Journal of Analytical Toxicology</i> , 2016 , 40, 187-93	2.9	13
74	Determination of phenobarbital in hair matrix by liquid phase microextraction (LPME) and gas chromatography-mass spectrometry (GC-MS). <i>Forensic Science International</i> , 2016 , 265, 75-80	2.6	23
73	A new exposure model to evaluate smoked illicit drugs in rodents: A study of crack cocaine. <i>Journal of Pharmacological and Toxicological Methods</i> , 2016 , 77, 17-23	1.7	6
72	Analysis of cocaine and its adulterants in drugs for international trafficking seized by the Brazilian Federal Police. <i>Forensic Science International</i> , 2015 , 247, 48-53	2.6	55
71	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?. <i>Journal of Psychoactive Drugs</i> , 2015 , 47, 132-9	3.6	28
70	Association between travel length and drug use among Brazilian truck drivers. <i>Traffic Injury Prevention</i> , 2015 , 16, 5-9	1.8	15
69	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). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 975, 24-33	3.2	45
68	Hair drug testing in the new Brazilian regulation to obtain professional driver's licence: no parallel to any other law enforcement in the world. <i>Addiction</i> , 2015 , 110, 1207-8	4.6	2
67	M1 and M3 muscarinic receptors may play a role in the neurotoxicity of anhydroecgonine methyl ester, a cocaine pyrolysis product. <i>Scientific Reports</i> , 2015 , 5, 17555	4.9	10
66	Prevalence of psychotropic drug use in military police units. <i>Ciencia E Saude Coletiva</i> , 2015 , 20, 1843-9	2.2	1
65	Acute Biphasic Effects of Ayahuasca. <i>PLoS ONE</i> , 2015 , 10, e0137202	3.7	58
64	Effects of Long-Term Ayahuasca Administration on Memory and Anxiety in Rats. <i>PLoS ONE</i> , 2015 , 10, e0145840	3.7	17

63	Determination of Amphetamine, Amfepramone and Fenproporex in Urine Samples by HPLC-DAD: Application to a Population of Brazilian Truck Drivers. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	2
62	Determination of antidepressants in whole blood using hollow-fiber liquid-phase microextraction and gas chromatography-mass spectrometry. <i>Forensic Toxicology</i> , 2014 , 32, 214-224	2.6	17
61	Determination of ketamine, norketamine and dehydronorketamine in urine by hollow-fiber liquid-phase microextraction using an essential oil as supported liquid membrane. <i>Forensic Science International</i> , 2014 , 243, 47-54	2.6	25
60	Blood doping: risks to athletes' health and strategies for detection. <i>Substance Use and Misuse</i> , 2014 , 49, 1168-81	2.2	2
59	Analysis of 11-nor-9-carboxy- Δ^9 -tetrahydrocannabinol in urine samples by hollow fiber-liquid phase microextraction and gas chromatography-mass spectrometry in consideration of measurement uncertainty. <i>Forensic Toxicology</i> , 2014 , 32, 282-291	2.6	17
58	Development and practical application of accelerated solvent extraction for the isolation of cocaine/crack biomarkers in meconium samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 957, 14-23	3.2	16
57	Hollow fiber-liquid phase microextraction of barbiturates in liver samples. <i>Forensic Toxicology</i> , 2013 , 31, 31-36	2.6	15
56	Analysis of skeletal muscle has potential value in the assessment of cocaine-related deaths. <i>Forensic Science International</i> , 2013 , 226, 46-53	2.6	11
55	Detecting alcohol and illicit drugs in oral fluid samples collected from truck drivers in the state of S \tilde{a} o Paulo, Brazil. <i>Traffic Injury Prevention</i> , 2013 , 14, 127-31	1.8	21
54	Changes in aminoacidergic and monoaminergic neurotransmission in the hippocampus and amygdala of rats after ayahuasca ingestion. <i>World Journal of Biological Chemistry</i> , 2013 , 4, 141-7	3.8	22
53	Uso de anfetaminas por motoristas de caminh \tilde{a} o em rodovias do Estado de S \tilde{a} o Paulo: um risco \wedge ocorr \tilde{e} ncia de acidentes de tr \tilde{a} sito?. <i>Ciencia E Saude Coletiva</i> , 2013 , 18, 1247-1254	2.2	13
52	Changes in CREB activation in the prefrontal cortex and hippocampus blunt ethanol-induced behavioral sensitization in adolescent mice. <i>Frontiers in Integrative Neuroscience</i> , 2013 , 7, 94	3.2	20
51	A continuidade do uso de anfetaminas por motoristas de caminh \tilde{a} o no Estado de S \tilde{a} o Paulo, Brasil, a despeito da proib \tilde{c} o de sua produ \tilde{c} o, prescri \tilde{c} o e uso. <i>Cadernos De Saude Publica</i> , 2013 , 29, 1903-1909	3.2	8
50	Occupational safety and health practices among flower greenhouses workers from Alto Tiet \tilde{c} o region (Brazil). <i>Science of the Total Environment</i> , 2012 , 416, 121-6	10.2	32
49	Hollow-fiber liquid-phase microextraction and gas chromatography-mass spectrometry of barbiturates in whole blood samples. <i>Journal of Separation Science</i> , 2012 , 35, 3361-8	3.4	17
48	Alcohol and other drug use by Brazilian truck drivers: a cause for concern?. <i>Revista Brasileira De Psiquiatria</i> , 2012 , 34, 116-7	2.6	8
47	Hollow-fiber liquid-phase microextraction of amphetamine-type stimulants in human hair samples. <i>Journal of Chromatography A</i> , 2012 , 1254, 1-7	4.5	41
46	Determination of dimethyltryptamine and β -carbolines (ayahuasca alkaloids) in plasma samples by LC-MS/MS. <i>Bioanalysis</i> , 2012 , 4, 1731-8	2.1	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. <i>Journal of Analytical Toxicology</i> , 2012 , 36, 162-70	2.9	23
44	Environmental enrichment blocks ethanol-induced locomotor sensitization and decreases BDNF levels in the prefrontal cortex in mice. <i>Addiction Biology</i> , 2012 , 17, 736-45	4.6	27
43	Amphetamine, cocaine and cannabinoids use among truck drivers on the roads in the State of Sao Paulo, Brazil. <i>Forensic Science International</i> , 2012 , 215, 25-7	2.6	34
42	The effect of sodium fluoride preservative and storage temperature on the stability of cocaine in horse blood, sheep vitreous and deer muscle. <i>Forensic Science International</i> , 2012 , 217, 182-8	2.6	24
41	Neurotoxicity of anhydroecgonine methyl ester, a crack cocaine pyrolysis product. <i>Toxicological Sciences</i> , 2012 , 128, 223-34	4.4	33
40	Accelerated solvent extraction for gas chromatographic analysis of nicotine and cotinine in meconium samples. <i>Journal of Analytical Toxicology</i> , 2012 , 36, 19-24	2.9	7
39	Environmental tobacco smoke induces oxidative stress in distinct brain regions of infant mice. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012 , 75, 971-80	3.2	23
38	Repeated inhalation of crack-cocaine affects spermatogenesis in young and adult mice. <i>Inhalation Toxicology</i> , 2012 , 24, 439-46	2.7	8
37	Neurobehavioral, reflexological and physical development of Wistar rat offspring exposed to ayahuasca during pregnancy and lactation. <i>Revista Brasileira De Farmacognosia</i> , 2011 , 21, 1065-1076	2	8
36	Ethanol-induced sensitization depends preferentially on D1 rather than D2 dopamine receptors. <i>Pharmacology Biochemistry and Behavior</i> , 2011 , 98, 173-80	3.9	26
35	Enzymatic-spectrophotometric determination of paraquat in urine samples: a method based on its toxic mechanism. <i>Toxicology Mechanisms and Methods</i> , 2010 , 20, 424-7	3.6	9
34	Maternal and developmental toxicity of ayahuasca in Wistar rats. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2010 , 89, 207-12		22
33	The relevance of performing developmental toxicity studies about ayahuasca. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2010 , 89, 531-532		2
32	Determination of eight fatty acid ethyl esters in meconium samples by headspace solid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2010 , 33, 2115-22	3.4	21
31	qNMR: An applicable method for the determination of dimethyltryptamine in ayahuasca, a psychoactive plant preparation. <i>Phytochemistry Letters</i> , 2010 , 3, 79-83	1.9	22
30	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. <i>Revista Brasileira De Psiquiatria</i> , 2010 , 32, 389-95	2.6	7
29	Gas chromatographic analysis of dimethyltryptamine and beta-carboline alkaloids in ayahuasca, an Amazonian psychoactive plant beverage. <i>Phytochemical Analysis</i> , 2009 , 20, 149-53	3.4	54
28	Effects of chronic exposure to crack cocaine on the respiratory tract of mice. <i>Toxicologic Pathology</i> , 2009 , 37, 324-32	2.1	15

27	1H NMR determination of beta-N-methylamino-L-alanine (L-BMAA) in environmental and biological samples. <i>Toxicon</i> , 2009 , 53, 578-83	2.8	27
26	Environmental modulation of ethanol-induced locomotor activity: Correlation with neuronal activity in distinct brain regions of adolescent and adult Swiss mice. <i>Brain Research</i> , 2008 , 1239, 127-40	3.7	55
25	Organophosphate and carbamate poisonings in the northwest of Paraná State, Brazil from 1994 to 2005: clinical and epidemiological aspects. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2008 , 44,		2
24	Determining plasma morphine levels using GC-MS after solid phase extraction to monitor drug levels in the postoperative period. <i>Clinics</i> , 2008 , 63, 307-14	2.3	5
23	Cannabinoid contents in cannabis products seized in São Paulo, Brazil, 2006-2007. <i>Forensic Toxicology</i> , 2008 , 26, 31-35	2.6	16
22	Headspace solid-phase microextraction of cannabinoids in human head hair samples. <i>Journal of Separation Science</i> , 2007 , 30, 128-34	3.4	40
21	Gas chromatographic-mass spectrometric method for the determination of the herbicides paraquat and diquat in plasma and urine samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 853, 260-4	3.2	77
20	Recent Advances in Chromatographic Methods to Detect Drugs of Abuse in Alternative Biological Matrices. <i>Current Pharmaceutical Analysis</i> , 2007 , 3, 95-109	0.6	24
19	Determination of cocaine and cocaethylene in urine by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2006 , 20, 1071-5	1.7	19
18	Determination of anatoxin-a in environmental water samples by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2006 , 29, 2085-90	3.4	21
17	Validation of a method to detect cocaine and its metabolites in nails by gas chromatography-mass spectrometry. <i>Forensic Science International</i> , 2006 , 159, 218-22	2.6	28
16	A high-performance thin-layer chromatographic technique to screen cocaine in urine samples. <i>Legal Medicine</i> , 2006 , 8, 184-7	1.9	11
15	On-Fiber Derivatization of SPME Extracts of Phenol, Hydroquinone and Catechol with GC-MS Detection. <i>Chromatographia</i> , 2006 , 63, 175-179	2.1	43
14	Determinação de efedrinas em urina por cromatografia em fase gasosa (CG/DNP) para o controle da dopagem no esporte. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2005 , 41, 351		1
13	Determinação de esteróides androgênicos anabólicos em urina por cromatografia gasosa acoplada a espectrometria de massas. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2005 , 41, 467-476		4
12	Drug abuse among workers in Brazilian regions. <i>Revista De Saude Publica</i> , 2004 , 38, 552-6	2.4	13
11	Validação de método para determinação de 3,4-metilenodioximetanfetamina (MDMA) em comprimidos de ecstasy por cromatografia em fase gasosa. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2004 , 40, 75-83		3
10	Detection of cocaine and cocaethylene in sweat by solid-phase microextraction and gas chromatography/mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 811, 37-40	3.2	18

9	Non-intentional doping in sports. <i>Sports Medicine</i> , 2004 , 34, 697-704	10.6	20
8	Detection of cocaine and cocaethylene in sweat by solid-phase microextraction and gas chromatography/mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 811, 37-40	3.2	22
7	Drug Use by Truck Drivers in Brazil. <i>Drugs: Education, Prevention and Policy</i> , 2003 , 10, 135-139	1.2	19
6	Determination of cocaine, benzoylecgonine and cocaethylene in human hair by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 798, 361-5	3.2	48
5	Solid-phase micro-extraction-gas chromatography-mass spectrometry and headspace-gas chromatography of tetrahydrocannabinol, amphetamine, methamphetamine, cocaine and ethanol in saliva samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 789, 73-8	3.2	87
4	Marijuana as doping in sports. <i>Sports Medicine</i> , 2003 , 33, 395-9	10.6	31
3	One-step liquid-liquid extraction of cocaine from urine samples for gas chromatographic analysis. <i>Forensic Science International</i> , 2002 , 127, 204-7	2.6	21
2	Confirmation of cocaine exposure by gas chromatography-mass spectrometry of urine extracts after methylation of benzoylecgonine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 773, 83-7	3.2	25
1	Synthetic cannabinoid receptor agonists profile in infused papers seized in Brazilian prisons. <i>Forensic Toxicology</i> , 1	2.6	1