

Marie A BalÃ-kovÃ;

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/638375/publications.pdf>

Version: 2024-02-01

42
papers

2,002
citations

331670

21
h-index

276875

41
g-index

44
all docs

44
docs citations

44
times ranked

2137
citing authors

#	ARTICLE	IF	CITATIONS
1	State of the art in hair analysis for detection of drug and alcohol abuse. <i>Clinica Chimica Acta</i> , 2006, 370, 17-49.	1.1	863
2	Pharmacokinetic and behavioural profile of THC, CBD, and THC+CBD combination after pulmonary, oral, and subcutaneous administration in rats and confirmation of conversion in vivo of CBD to THC. <i>European Neuropsychopharmacology</i> , 2017, 27, 1223-1237.	0.7	169
3	Pharmacokinetic, Ambulatory, and Hyperthermic Effects of 3,4-Methylenedioxy-N-Methylcathinone (Methylone) in Rats. <i>Frontiers in Psychiatry</i> , 2017, 8, 232.	2.6	74
4	Electroencephalographic Spectral and Coherence Analysis of Ketamine in Rats: Correlation with Behavioral Effects and Pharmacokinetics. <i>Neuropsychobiology</i> , 2011, 63, 202-218.	1.9	73
5	Gamma-hydroxybutyric acid stability and formation in blood and urine. <i>Forensic Science International</i> , 2006, 161, 158-162.	2.2	69
6	Nonfatal and fatal DOB (2,5-dimethoxy-4-bromamphetamine) overdose. <i>Forensic Science International</i> , 2005, 153, 85-91.	2.2	67
7	Collective poisoning with hallucinogenous herbal tea. <i>Forensic Science International</i> , 2002, 128, 50-52.	2.2	47
8	Mescaline effects on rat behavior and its time profile in serum and brain tissue after a single subcutaneous dose. <i>Psychopharmacology</i> , 2008, 196, 51-62.	3.1	46
9	Behavioral, neurochemical and pharmaco-EEG profiles of the psychedelic drug 4-bromo-2,5-dimethoxyphenethylamine (2C-B) in rats. <i>Psychopharmacology</i> , 2013, 225, 75-93.	3.1	45
10	HAIR ANALYSIS FOR DRUGS OF ABUSE. PLAUSIBILITY OF INTERPRETATION. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2005, 149, 199-207.	0.6	44
11	Subanesthetic dose of ketamine decreases prefrontal theta cordance in healthy volunteers: implications for antidepressant effect. <i>Psychological Medicine</i> , 2010, 40, 1443-1451.	4.5	37
12	Hair analysis for opiates: evaluation of washing and incubation procedures. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 789, 93-100.	2.3	33
13	Disposition of 4-bromo-2,5-dimethoxyphenethylamine (2C-B) and its metabolite 4-bromo-2-hydroxy-5-methoxyphenethylamine in rats after subcutaneous administration. <i>Toxicology Letters</i> , 2008, 178, 29-36.	0.8	32
14	Studies on distribution and metabolism of para-methoxymethamphetamine (PMMA) in rats after subcutaneous administration. <i>Toxicology</i> , 2009, 259, 61-68.	4.2	26
15	Emerging toxicity of 5,6-methylenedioxy-2-aminoindane (MDAI): Pharmacokinetics, behaviour, thermoregulation and LD50 in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 69, 49-59.	4.8	26
16	Two Cases of Non-fatal Intoxication with a Novel Street Hallucinogen: 3-Methoxy-Phencyclidine. <i>Journal of Analytical Toxicology</i> , 2017, 41, 350-354.	2.8	26
17	Psilocybin disrupts sensory and higher order cognitive processing but not pre-attentive cognitive processing—study on P300 and mismatch negativity in healthy volunteers. <i>Psychopharmacology</i> , 2018, 235, 491-503.	3.1	26
18	Methamphetamine in hair and interpretation of forensic findings in a fatal case. <i>Forensic Science International</i> , 2005, 153, 93-97.	2.2	24

#	ARTICLE	IF	CITATIONS
19	Behavioral, hyperthermic and pharmacokinetic profile of para-methoxymethamphetamine (PMMA) in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 98, 130-139.	2.9	24
20	Selective system of identification and determination of antidepressants and neuroleptics in serum or plasma by solid-phase extraction followed by high-performance liquid chromatography with photodiode-array detection in analytical toxicology. <i>Biomedical Applications</i> , 1992, 581, 75-81.	1.7	23
21	Mephedrone (4-Methylmethcathinone): Acute Behavioral Effects, Hyperthermic, and Pharmacokinetic Profile in Rats. <i>Frontiers in Psychiatry</i> , 2018, 8, 306.	2.6	22
22	Metabolic profile of mephedrone: Identification of nor-mephedrone conjugates with dicarboxylic acids as a new type of xenobiotic phase II metabolites. <i>Toxicology Letters</i> , 2016, 240, 114-121.	0.8	21
23	Rapid determination of ethylene glycol at toxic levels in serum and urine. <i>Biomedical Applications</i> , 1988, 434, 469-474.	1.7	19
24	Gas chromatography of simple phenols in biological fluids. <i>Biomedical Applications</i> , 1989, 497, 159-167.	1.7	19
25	Evaluation of urinary dihydrocodeine excretion in human by gas chromatography-mass spectrometry. <i>Biomedical Applications</i> , 2001, 752, 179-186.	1.7	18
26	Behavioral and Pharmacokinetic Profile of Indole-Derived Synthetic Cannabinoids JWH-073 and JWH-210 as Compared to the Phytocannabinoid Δ^9 -THC in Rats. <i>Frontiers in Neuroscience</i> , 2018, 12, 703.	2.8	17
27	High-performance liquid chromatographic confirmation of cocaine and benzoylecgonine in biological samples using photodiode-array detection after toxicological screening. <i>Biomedical Applications</i> , 1994, 656, 267-273.	1.7	15
28	Cannabis-induced altered states of consciousness are associated with specific dynamic brain connectivity states. <i>Journal of Psychopharmacology</i> , 2019, 33, 811-821.	4.0	15
29	Fatal opiates overdose. Toxicological identification of various metabolites in a blood sample by GC-MS after silylation. <i>Forensic Science International</i> , 1998, 94, 201-209.	2.2	12
30	Distribution profile of 2,5-dimethoxy-4-bromoamphetamine (DOB) in rats after oral and subcutaneous doses. <i>Forensic Science International</i> , 2007, 170, 94-99.	2.2	10
31	Individual prolactin reactivity modulates response of nucleus accumbens to erotic stimuli during acute cannabis intoxication: an fMRI pilot study. <i>Psychopharmacology</i> , 2017, 234, 1933-1943.	3.1	10
32	Identification of polychlorinated phenols in urine by gas and thin-layer chromatography. <i>Biomedical Applications</i> , 1988, 431, 431-437.	1.7	7
33	STUDY ON METABOLITES OF 2,5-DIMETHOXY-4-BROMAMPHETAMINE (DOB) IN HUMAN URINE USING GAS CHROMATOGRAPHY-MASS SPECTROMETRY. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2005, 149, 465-468.	0.6	7
34	Chlorinated Phenols as Metabolites of Lindane. Evaluation of the Degree of Conjugation in Rat Urine. <i>Journal of Analytical Toxicology</i> , 1989, 13, 27-30.	2.8	6
35	On the establishment of adsorption equilibrium in n-butylamine titrations of the surface acidity. <i>Reaction Kinetics and Catalysis Letters</i> , 1975, 2, 323-327.	0.6	5
36	Pharmacogenetic Study with Diazepam in Twins. <i>Neuropsychobiology</i> , 1987, 17, 4-8.	1.9	5

#	ARTICLE	IF	CITATIONS
37	Identification of three new phase II metabolites of a designer drug methylone formed in rats by N-demethylation followed by conjugation with dicarboxylic acids. <i>Xenobiotica</i> , 2018, 48, 618-625.	1.1	5
38	Study on the metabolism of 5,6-methylenedioxy-2-aminoindane (MDAI) in rats: identification of urinary metabolites. <i>Xenobiotica</i> , 2017, 47, 505-514.	1.1	4
39	Naphyrone (naphthylpyrovalerone): Pharmacokinetics, behavioural effects and thermoregulation in Wistar rats. <i>Addiction Biology</i> , 2021, 26, e12906.	2.6	4
40	Studies on distribution of para-methoxymethamphetamine (PMMA) designer drug in rats using gas chromatography-mass spectrometry. <i>Legal Medicine</i> , 2009, 11, S429-S430.	1.3	2
41	Hair analysis for drugs of abuse. Plausibility of interpretation. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2005, 149, 199-207.	0.6	2
42	Acute Cannabis Intoxication and the Brain's Response to Visual Erotica: An Fmri Study. <i>Journal of Sexual Medicine</i> , 2017, 14, e253.	0.6	0