

Justin L Poklis

List of Publications by Year in descending order

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89
papers

2,342
citations

186209

28
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243529

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92
docs citations

92
times ranked

2512
citing authors

#	ARTICLE	IF	CITATIONS
1	A Cannabinoid CB1 Receptor-Positive Allosteric Modulator Reduces Neuropathic Pain in the Mouse with No Psychoactive Effects. <i>Neuropsychopharmacology</i> , 2015, 40, 2948-2959.	2.8	129
2	Toxicities Associated With NBOMe Ingestion—A Novel Class of Potent Hallucinogens: A Review of the Literature. <i>Psychosomatics</i> , 2015, 56, 129-139.	2.5	108
3	Postmortem detection of 25I-NBOMe [2-(4-iodo-2,5-dimethoxyphenyl)-N-[(2-methoxyphenyl)methyl]ethanamine] in fluids and tissues determined by high performance liquid chromatography with tandem mass spectrometry from a traumatic death. <i>Forensic Science International</i> . 2014, 234, e14-e20.	1.3	106
4	Two Fatal Intoxications Involving Butyryl Fentanyl. <i>Journal of Analytical Toxicology</i> , 2016, 40, 703-708.	1.7	106
5	Analysis of 25I-NBOMe, 25B-NBOMe, 25C-NBOMe and Other Dimethoxyphenyl-N-[(2-Methoxyphenyl) Methyl]Ethanamine Derivatives on Blotter Paper. <i>Journal of Analytical Toxicology</i> , 2015, 39, 617-623.	1.7	86
6	Postmortem tissue distribution of acetyl fentanyl, fentanyl and their respective nor-metabolites analyzed by ultrahigh performance liquid chromatography with tandem mass spectrometry. <i>Forensic Science International</i> , 2015, 257, 435-441.	1.3	83
7	Concentration of Nicotine and Glycols in 27 Electronic Cigarette Formulations. <i>Journal of Analytical Toxicology</i> , 2016, 40, 403-407.	1.7	79
8	Development of a Clinically Viable Heroin Vaccine. <i>Journal of the American Chemical Society</i> , 2017, 139, 8601-8611.	6.6	78
9	Determination of 4-bromo-2,5-dimethoxy-N-[(2-methoxyphenyl)methyl]benzeneethanamine (25B-NBOMe) in serum and urine by high performance liquid chromatography with tandem mass spectrometry in a case of severe intoxication. <i>Drug Testing and Analysis</i> , 2014, 6, 764-769.	1.6	68
10	The unexpected identification of the cannabimimetic, 5F-ADB, and dextromethorphan in commercially available cannabidiol e-liquids. <i>Forensic Science International</i> , 2019, 294, e25-e27.	1.3	62
11	Monoacylglycerol Lipase Inhibitors Reverse Paclitaxel-Induced Nociceptive Behavior and Proinflammatory Markers in a Mouse Model of Chemotherapy-Induced Neuropathy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 366, 169-183.	1.3	57
12	Cannabinoid Receptor-Interacting Protein 1a Modulates CB ₁ Receptor Signaling and Regulation. <i>Molecular Pharmacology</i> , 2015, 87, 747-765.	1.0	53
13	The Selective Monoacylglycerol Lipase Inhibitor MJN110 Produces Opioid-Sparing Effects in a Mouse Neuropathic Pain Model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 145-156.	1.3	52
14	High-performance liquid chromatography tandem mass spectrometry method for the determination of 2CC-NBOMe and 25I-NBOMe in human serum. <i>Biomedical Chromatography</i> , 2013, 27, 1794-1800.	0.8	46
15	Evaluation of Two Commercially Available Cannabidiol Formulations for Use in Electronic Cigarettes. <i>Frontiers in Pharmacology</i> , 2016, 7, 279.	1.6	44
16	High-Performance Liquid Chromatography with Tandem Mass Spectrometry for the Determination of Nine Hallucinogenic 25-NBOMe Designer Drugs in Urine Specimens. <i>Journal of Analytical Toxicology</i> , 2014, 38, 113-121.	1.7	42
17	Postmortem Toxicology Findings of Acetyl Fentanyl, Fentanyl, and Morphine in Heroin Fatalities in Tampa, Florida. <i>Academic Forensic Pathology</i> , 2015, 5, 676-689.	0.3	41
18	Vaccine blunts fentanyl potency in male rhesus monkeys. <i>Neuropharmacology</i> , 2019, 158, 107730.	2.0	41

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19	Production and Actions of the Anandamide Metabolite Prostaglandin E2 in the Renal Medulla. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 342, 770-779.	1.3	40
20	Evaluation of Nicotine and the Components of e-Liquids Generated from e-Cigarette Aerosols. <i>Journal of Analytical Toxicology</i> , 2018, 42, 537-543.	1.7	40
21	Endocannabinoid regulation of nausea is mediated by 2-arachidonoylglycerol (2-AG) in the rat visceral insular cortex. <i>Neuropharmacology</i> , 2016, 102, 92-102.	2.0	38
22	Identification of MDMB-FUBINACA in commercially available e-liquid formulations sold for use in electronic cigarettes. <i>Forensic Science International</i> , 2017, 271, 92-97.	1.3	38
23	The Effect of Electronic Cigarette User Modifications and E-liquid Adulteration on the Particle Size Profile of an Aerosolized Product. <i>Scientific Reports</i> , 2019, 9, 10221.	1.6	38
24	Postmortem Distribution of Tramadol, Amitriptyline, and Their Metabolites in a Suicidal Overdose. <i>Journal of Analytical Toxicology</i> , 2005, 29, 401-406.	1.7	37
25	Disposition of Cannabichromene, Cannabidiol, and Δ^9 -Tetrahydrocannabinol and its Metabolites in Mouse Brain following Marijuana Inhalation Determined by High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2010, 34, 516-520.	1.7	35
26	Analysis of a Commercial Marijuana e-Cigarette Formulation. <i>Journal of Analytical Toxicology</i> , 2016, 40, 374-378.	1.7	33
27	Assessing nicotine dependence using an oral nicotine free-choice paradigm in mice. <i>Neuropharmacology</i> , 2019, 157, 107669.	2.0	33
28	Preclinical Assessment of Lisdexamfetamine as an Agonist Medication Candidate for Cocaine Addiction: Effects in Rhesus Monkeys Trained to Discriminate Cocaine or to Self-Administer Cocaine in a Cocaine Versus Food Choice Procedure. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, .	1.0	32
29	Identification of Metabolite Biomarkers of the Designer Hallucinogen 25I-NBOMe in Mouse Hepatic Microsomal Preparations and Human Urine Samples Associated with Clinical Intoxication. <i>Journal of Analytical Toxicology</i> , 2015, 39, 607-616.	1.7	30
30	Cocaine-like discriminative stimulus effects of alpha-pyrrolidinovalerophenone, methcathinone and their 3,4-methylenedioxy or 4-methyl analogs in rhesus monkeys. <i>Addiction Biology</i> , 2017, 22, 1169-1178.	1.4	29
31	Fully automated head-twitch detection system for the study of 5-HT2A receptor pharmacology in vivo. <i>Scientific Reports</i> , 2019, 9, 14247.	1.6	29
32	Lorcaserin maintenance fails to attenuate heroin vs. food choice in rhesus monkeys. <i>Drug and Alcohol Dependence</i> , 2020, 208, 107848.	1.6	29
33	Neuroprotective effects of fatty acid amide hydrolase catabolic enzyme inhibition in a HIV-1 Tat model of neuroAIDS. <i>Neuropharmacology</i> , 2018, 141, 55-65.	2.0	27
34	Endocannabinoid contribution to Δ^9 -tetrahydrocannabinol discrimination in rodents. <i>European Journal of Pharmacology</i> , 2014, 737, 97-105.	1.7	25
35	Ethanol concentration in 56 refillable electronic cigarettes liquid formulations determined by headspace gas chromatography with flame ionization detector (HS- μ C-FID). <i>Drug Testing and Analysis</i> , 2017, 9, 1637-1640.	1.6	25
36	Detection and disposition of JWH-018 and JWH-073 in mice after exposure to Δ^9 -THC smoke. <i>Forensic Science International</i> , 2012, 220, 91-96.	1.3	24

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37	Detection and Quantification of Tricyclic Antidepressants and Other Psychoactive Drugs in Urine by $\langle \text{HPLC} \rangle / \langle \text{MS} \rangle / \langle \text{MS} \rangle$ for Pain Management Compliance Testing. <i>Journal of Clinical Laboratory Analysis</i> , 2012, 26, 286-294.	0.9	24
38	Targeting Peroxisome Proliferator-Activated Receptor- α (PPAR- α) to reduce paclitaxel-induced peripheral neuropathy. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 172-185.	2.0	24
39	Acute Toxicity From Intravenous Use of the Tricyclic Antidepressant Tianeptine. <i>Journal of Analytical Toxicology</i> , 2017, 41, 547-550.	1.7	20
40	Effectiveness and selectivity of a heroin conjugate vaccine to attenuate heroin, 6-acetylmorphine, and morphine antinociception in rats: Comparison with naltrexone. <i>Drug and Alcohol Dependence</i> , 2019, 204, 107501.	1.6	20
41	Diacylglycerol Lipase-Alpha Regulates Hippocampal-Dependent Learning and Memory Processes in Mice. <i>Journal of Neuroscience</i> , 2019, 39, 5949-5965.	1.7	19
42	Development and Validation of a Method for Alcohol Analysis in Brain Tissue by Headspace Gas Chromatography with Flame Ionization Detector. <i>Journal of Analytical Toxicology</i> , 2016, 40, 653-658.	1.7	18
43	The Blue Lotus Flower (<i>Nymphaea caerulea</i>) Resin Used in a New Type of Electronic Cigarette, the Re-Buildable Dripping Atomizer. <i>Journal of Psychoactive Drugs</i> , 2017, 49, 175-181.	1.0	18
44	Determination of Cannabinoids in Breast Milk Using QuEChERS and Ultra-Performance Liquid Chromatography and Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2019, 43, 746-752.	1.7	18
45	A Retrospective Analysis of Chemical Constituents in Regulated and Unregulated E-Cigarette Liquids. <i>Frontiers in Chemistry</i> , 2021, 9, 752342.	1.8	17
46	Ethanol Reversal of Tolerance to the Antinociceptive Effects of Oxycodone and Hydrocodone. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 362, 45-52.	1.3	16
47	Determination of naphthalen-1-yl(1-pentylindol-3-yl)methanone (JWH-018) in mouse blood and tissue after inhalation exposure to "buzz"™ smoke by HPLC/MS/MS. <i>Biomedical Chromatography</i> , 2012, 26, 1393-1398.	0.8	15
48	Safety and Preliminary Efficacy of Lorcaserin for Cocaine Use Disorder: A Phase I Randomized Clinical Trial. <i>Frontiers in Psychiatry</i> , 2021, 12, 666945.	1.3	14
49	A Fenofibrate Diet Prevents Paclitaxel-Induced Peripheral Neuropathy in Mice. <i>Cancers</i> , 2021, 13, 69.	1.7	14
50	Modulation of mean arterial pressure and diuresis by renomedullary infusion of a selective inhibitor of fatty acid amide hydrolase. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F967-F976.	1.3	12
51	Abnormal podocyte TRPML1 channel activity and exosome release in mice with podocyte-specific <i>Asah1</i> gene deletion. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158856.	1.2	12
52	Identification of Gamma-Butyrolactone in JUUL Liquids. <i>Journal of Analytical Toxicology</i> , 2021, 45, 892-900.	1.7	12
53	4-Fluoroamphetamine in Serum and Urine from an Intoxicated Patient with Life-Threatening Hyperpyrexia: Table A1. <i>Journal of Analytical Toxicology</i> , 2016, 40, 171-172.	1.7	11
54	Dietary Omega-3 Fatty Acids Differentially Impact Acute Ethanol-Responsive Behaviors and Ethanol Consumption in $\langle \text{DBA} \rangle / 2J$ Versus $\langle \text{BL} \rangle / 6J$ Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 1476-1485.	1.4	11

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55	Characterization of E-cigarette coil temperature and toxic metal analysis by infrared temperature sensing and scanning electron microscopy $\hat{\text{e}}$ energy-dispersive X-ray. <i>Inhalation Toxicology</i> , 2020, 32, 447-455.	0.8	10
56	$\hat{\text{a}}$ 8-THC, THC-O Acetates and CBD-di-O Acetate: Emerging Synthetic Cannabinoids Found in Commercially Sold Plant Material and Gummy Edibles. <i>Journal of Analytical Toxicology</i> , 2022, 46, 940-948.	1.7	10
57	Development of a High-Performance Liquid Chromatography $\hat{\text{e}}$ Tandem Mass Spectrometry Method for the Identification and Quantification of CP-47,497, CP-47,497-C8 and JWH-250 in Mouse Brain. <i>Journal of Analytical Toxicology</i> , 2014, 38, 307-314.	1.7	9
58	Relationship between discriminative stimulus effects and plasma methamphetamine and amphetamine levels of intramuscular methamphetamine in male rhesus monkeys. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 141, 58-65.	1.3	9
59	Identification of Drugs in Parenteral Pharmaceutical Preparations from a Quality Assurance and a Diversion Program by Direct Analysis in Real-Time AccuTOF TM -Mass Spectrometry (DART-MS). <i>Journal of Analytical Toxicology</i> , 2016, 40, 608-616.	1.7	9
60	Rapid Separation and Quantitation of Cocaine and its Metabolites in Human Serum by Differential Mobility Spectrometry $\hat{\text{e}}$ tandem Mass Spectrometry (DMS $\hat{\text{e}}$ MS-MS). <i>Journal of Analytical Toxicology</i> , 2018, 42, 518-524.	1.7	9
61	Analysis of the First- and Second-Generation Raving Dragon Novelty Bath Salts Containing Methylone and Pentedrone. <i>Journal of Forensic Sciences</i> , 2015, 60, S234-S240.	0.9	8
62	Stability of Tetrahydrocannabinol and Cannabidiol in Prepared Quality Control Medible Brownies. <i>Journal of Analytical Toxicology</i> , 2016, 41, 153-157.	1.7	8
63	Stimulation of diuresis and natriuresis by renomedullary infusion of a dual inhibitor of fatty acid amide hydrolase and monoacylglycerol lipase. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F1068-F1076.	1.3	8
64	Monoacylglycerol Lipase Inhibitor MJN110 Reduces Neuronal Hyperexcitability, Restores Dendritic Arborization Complexity, and Regulates Reward-Related Behavior in Presence of HIV-1 Tat. <i>Frontiers in Neurology</i> , 2021, 12, 651272.	1.1	8
65	Methodology for controlled administration of smoked synthetic cannabinoids JWH-018 and JWH-073. <i>Neuropharmacology</i> , 2018, 134, 92-100.	2.0	7
66	Formation of HETE-EAs and dihydroxy derivatives in mouse kidney tissue and analysis by high-performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1126-1127, 121748.	1.2	7
67	Sex-specific role for serotonin 5-HT2A receptor in modulation of opioid-induced antinociception and reward in mice. <i>Neuropharmacology</i> , 2022, 209, 108988.	2.0	7
68	Acute dilated cardiomyopathy and myocardial injury after combined 4 $\hat{\text{a}}$ fluoroamphetamine and modafinil ingestion. <i>Drug Testing and Analysis</i> , 2017, 9, 657-659.	1.6	6
69	The Analysis of Aerosolized Methamphetamine From E-cigarettes Using High Resolution Mass Spectrometry and Gas Chromatography Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2019, 43, 592-599.	1.7	6
70	A Case Study Evaluating the Efficacy of an Ad Hoc Hospital Collection Device for Fentanyl in Infant Oral Fluid. <i>Journal of Analytical Toxicology</i> , 2020, 44, 741-746.	1.7	6
71	Design, Synthesis, and Biological Evaluation of NAP Isosteres: A Switch from Peripheral to Central Nervous System Acting Mu-Opioid Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 5095-5112.	2.9	6
72	In vivo evaluation of the CB1 allosteric modulator LDK1258 reveals CB1-receptor independent behavioral effects. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 190, 172840.	1.3	5

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73	The short-acting synthetic cannabinoid AB-FUBINACA induces physical dependence in mice. <i>Drug and Alcohol Dependence</i> , 2020, 214, 108179.	1.6	5
74	The analysis of commercially available natural products recommended for use in electronic cigarettes. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8771.	0.7	5
75	Cannabinoid-based vaping products and supplement formulations reported by consumers to precipitate adverse effects. <i>Drug Testing and Analysis</i> , 2022, , .	1.6	5
76	HPLC-MS-MS Determination of ZCZ-011, A Novel Pharmacological Tool for Investigation of the Cannabinoid Receptor in Mouse Brain Using Clean Screen FAS ^T Column Extraction. <i>Journal of Analytical Toxicology</i> , 2015, 39, 353-358.	1.7	4
77	Using Papaverine and Its Metabolites, 6-Desmethyl Papaverine and 4 ² ,6-Didesmethyl Papaverine as Biomarkers to Improve the Detection Time of Heroin Use. <i>Journal of Analytical Toxicology</i> , 2019, 43, 600-606.	1.7	4
78	Effects of continuous nicotine treatment and subsequent termination on cocaine versus food choice in male rhesus monkeys.. <i>Experimental and Clinical Psychopharmacology</i> , 2015, 23, 395-404.	1.3	3
79	Analysis of carbenoxolone by ultra-high-performance liquid chromatography tandem mass spectrometry in mouse brain and blood after systemic administration. <i>Biomedical Chromatography</i> , 2019, 33, e4465.	0.8	3
80	Evaluation of a New Phencyclidine Enzyme Immunoassay for the Detection of Phencyclidine in Urine with Confirmation by High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2011, 35, 481-486.	1.7	2
81	DETECTION AND QUANTIFICATION OF METHADONE AND ITS METABOLITE 2-ETHYLIDENE-1,5-DIMETHYL-3,3-DIPHENYLPYRROLIDINE (EDDP) IN URINE PAIN MANAGEMENT COMPLIANCE TESTING BY HIGH-PRESSURE LIQUID CHROMATOGRAPHY WITH TANDEM MASS SPECTROMETRY. <i>Journal of Liquid Chromatography and Related Technologies</i> . 2014. 37. 1004-1015.	0.5	2
82	Recommendations for specimen collection for NBOMe analysis in clinical toxicology. <i>Clinical Toxicology</i> , 2016, 54, 161-162.	0.8	2
83	Methylnaltrexone crosses the blood-brain barrier and attenuates centrally-mediated behavioral effects of morphine and oxycodone in mice. <i>Neuropharmacology</i> , 2021, 185, 108437.	2.0	2
84	Neonatal Exposure to Tramadol through Mother's Breast Milk. <i>Journal of Analytical Toxicology</i> , 2021, 45, 840-846.	1.7	2
85	Impact of smoked cannabis on tobacco cigarette smoking intensity and subjective effects: A placebo-controlled, double-blind, within-subjects human laboratory study.. <i>Experimental and Clinical Psychopharmacology</i> , 2021, 29, 345-354.	1.3	2
86	Determination of Patient Adherence for Duloxetine in Urine. <i>Journal of Analytical Toxicology</i> , 2022, 46, 905-910.	1.7	2
87	A determination of the aerosolization efficiency of drugs of abuse in a eutectic mixture with nicotine in electronic cigarettes. <i>Drug Testing and Analysis</i> , 2023, 15, 1091-1098.	1.6	1
88	ACTIVATION OF ACID SPHINGOMYELINASE DRIVES LYSOSOMAL TRIFFICKING AND FUSION TO MEMBRANE IN CORONARY ENDOTHELIAL CELLS. <i>FASEB Journal</i> , 2009, 23, 934.3.	0.2	0
89	Modulation of mean arterial pressure and diuresis by renomedullary infusion of selective inhibitors of fatty acid amide hydrolase. <i>FASEB Journal</i> , 2018, 32, 568.5.	0.2	0