

Pierce V Kavanagh

List of Publications by Year in descending order

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63
papers

1,086
citations

394286

19
h-index

477173

29
g-index

63
all docs

63
docs citations

63
times ranked

887
citing authors

#	ARTICLE	IF	CITATIONS
1	Return of the lysergamides. Part I: Analytical and behavioural characterization of 1- <i>propionyl</i> - <i>lysergic acid diethylamide</i> (1 <i>PSD</i>). <i>Drug Testing and Analysis</i> , 2016, 8, 891-902.	1.6	64
2	UR-144 in products sold via the Internet: Identification of related compounds and characterization of pyrolysis products. <i>Drug Testing and Analysis</i> , 2013, 5, 683-692.	1.6	52
3	Return of the lysergamides. Part II: Analytical and behavioural characterization of <i>allyl</i> - <i>lysergic acid diethylamide</i> (ALAD) and (2 <i>S</i> ,4 <i>S</i>)- <i>lysergic acid 2,4-dimethylazetidide</i> (LSZ). <i>Drug Testing and Analysis</i> , 2017, 9, 38-50.		51
4	The analysis of substituted cathinones. Part 3. Synthesis and characterisation of 2,3-methylenedioxy substituted cathinones. <i>Forensic Science International</i> , 2012, 216, 19-28.	1.3	50
5	The Identification of the Urinary Metabolites of 3-(4-Methoxybenzoyl)-1-Pentylindole (RCS-4), a Novel Cannabimimetic, by Gas Chromatography-Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2012, 36, 303-311.	1.7	45
6	First Reported Fatalities Associated with the 'Research Chemical' 2-Methoxydiphenidine. <i>Journal of Analytical Toxicology</i> , 2015, 39, 287-293.	1.7	45
7	Return of the lysergamides. Part V: Analytical and behavioural characterization of 1- <i>butanoyl</i> - <i>lysergic acid diethylamide</i> (1 <i>BSD</i>). <i>Drug Testing and Analysis</i> , 2019, 11, 1122-1133.	1.6	43
8	Gas and Liquid Chromatography-Mass Spectrometry Detection of the Urinary Metabolites of UR-144 and Its Major Pyrolysis Product. <i>Journal of Analytical Toxicology</i> , 2013, 37, 265-76.	1.7	42
9	Return of the lysergamides. Part IV: Analytical and pharmacological characterization of <i>lysergic acid morpholide</i> (LSM775). <i>Drug Testing and Analysis</i> , 2018, 10, 310-322.	1.6	40
10	Return of the lysergamides. Part III: Analytical characterization of <i>ethyl</i> - <i>lysergic acid diethylamide</i> (ETHAD) and 1- <i>propionyl ETHAD</i> (1 <i>PETHAD</i>). <i>Drug Testing and Analysis</i> , 2017, 9, 1641-1649.	1.6	33
11	New psychoactive substances legislation in Ireland - Perspectives from academia. <i>Drug Testing and Analysis</i> , 2014, 6, 884-891.	1.6	28
12	Test purchase, synthesis, and characterization of 2-methoxydiphenidine (MXP) and differentiation from its <i>meta</i> - and <i>para</i> -substituted isomers. <i>Drug Testing and Analysis</i> , 2016, 8, 98-109.	1.6	27
13	Detection of metabolites of two synthetic cannabimimetics, MDMB-FUBINACA and ADB-FUBINACA, in authentic human urine specimens by accurate mass LC-MS: a comparison of intersecting metabolic patterns. <i>Forensic Toxicology</i> , 2017, 35, 284-300.	1.4	23
14	Synthesis, characterization and monoamine transporter activity of the new psychoactive substance mexedrone and its <i>N</i> -methoxy positional isomer, <i>N</i> -methoxymephedrone. <i>Drug Testing and Analysis</i> , 2017, 9, 358-368.	1.6	23
15	Detection and tentative identification of urinary phase I metabolites of phenylacetylindole cannabimimetics JWH-203 and JWH-251, by GC-MS and LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 934, 102-108.	1.2	22
16	Identification of (2-aminopropyl)benzofuran (APB) phenyl ring positional isomers in Internet purchased products. <i>Drug Testing and Analysis</i> , 2013, 5, 270-276.	1.6	22
17	Preparation and characterization of the 'research chemical'™ diphenidine, its pyrrolidine analogue, and their 2,2-diphenylethyl isomers. <i>Drug Testing and Analysis</i> , 2015, 7, 358-367.	1.6	20
18	The new psychoactive substances 5-(2-aminopropyl)indole (5-IT) and 6-(2-aminopropyl)indole (6-IT) interact with monoamine transporters in brain tissue. <i>Neuropharmacology</i> , 2016, 101, 68-75.	2.0	20

#	ARTICLE	IF	CITATIONS
19	In vitro monoamine oxidase inhibition potential of alpha-methyltryptamine analog new psychoactive substances for assessing possible toxic risks. <i>Toxicology Letters</i> , 2017, 272, 84-93.	0.4	20
20	The synthesis and characterization of the "research chemical"™ <i>N</i> -(1-amino-3-methyl-1-oxobutan-2-yl)-(1-(cyclohexylmethyl)-3-(4-fluorophenyl)-1H-pyrazole-5-carboxamide) (3,5-AB-CHMFUPPYCA) and differentiation from its 5,3-regioisomer. <i>Drug Testing and Analysis</i> , 2016, 8, 920-929.	1.6	19
21	In vitro metabolism of the synthetic cannabinoid 3,5-AB-CHMFUPPYCA and its 5,3-regioisomer and investigation of their thermal stability. <i>Drug Testing and Analysis</i> , 2017, 9, 311-316.	1.6	19
22	Simvastatin Suppresses Interleukin IL^2 Release in Human Peripheral Blood Mononuclear Cells Stimulated With Cholesterol Crystals. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2018, 23, 509-517.	1.0	19
23	Return of the lysergamides. Part VI: Analytical and behavioural characterization of 1-cyclopropanoyl- <i>D</i> -lysergic acid diethylamide (1CP- Δ LS). <i>Drug Testing and Analysis</i> , 2020, 12, 812-826.	1.6	17
24	"Smoking"™ mephedrone: The identification of the pyrolysis products of 4-methylmethcathinone hydrochloride. <i>Drug Testing and Analysis</i> , 2013, 5, 291-305.	1.6	16
25	Analytical characterization of bioactive <i>N</i> -benzyl-substituted phenethylamines and 5-methoxytryptamines. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 573-584.	0.7	16
26	Synthesis, characterization, and monoamine transporter activity of the new psychoactive substance 3,4,4-methylenedioxy-4-methylaminorex (MDMAR). <i>Drug Testing and Analysis</i> , 2015, 7, 555-564.	1.6	16
27	Forensic analysis of P2P derived amphetamine synthesis impurities: identification and characterization of indene by-products. <i>Drug Testing and Analysis</i> , 2017, 9, 446-452.	1.6	14
28	Analytical characterization and pharmacological evaluation of the new psychoactive substance 4-fluoromethylphenidate (4F-MPH) and differentiation between the (\pm)- <i>threo</i> and (\pm)- <i>erythro</i> diastereomers. <i>Drug Testing and Analysis</i> , 2017, 9, 347-357.	1.6	14
29	Characterization of the pyrolysis products of methiopropamine. <i>Drug Testing and Analysis</i> , 2014, 6, 676-683.	1.6	12
30	Low resolution and high resolution MS for studies on the metabolism and toxicological detection of the new psychoactive substance methoxypiperamide (MeOP). <i>Journal of Mass Spectrometry</i> , 2015, 50, 1163-1174.	0.7	12
31	Test purchase, synthesis and characterization of 3-fluorophenmetrazine (3-FPM) and differentiation from its <i>ortho</i> - and <i>para</i> -substituted isomers. <i>Drug Testing and Analysis</i> , 2017, 9, 369-377.	1.6	12
32	The psychoactive aminoalkylbenzofuran derivatives, 5-APB and 6-APB, mimic the effects of 3,4-methylenedioxyamphetamine (MDA) on monoamine transmission in male rats. <i>Psychopharmacology</i> , 2020, 237, 3703-3714.	1.5	12
33	The identification of an impurity product, 4,6-dimethyl-3,5-diphenylpyridin-2-one in an amphetamine importation seizure, a potential route specific by-product for amphetamine synthesized by the APAAN to P2P, Leuckart route. <i>Forensic Science International</i> , 2014, 241, e13-e19.	1.3	11
34	Human urinary metabolite pattern of a new synthetic cannabimimetic, methyl 2-(1-(cyclohexylmethyl)-1H-indole-3-carboxamido)-3,3-dimethylbutanoate. <i>Forensic Toxicology</i> , 2016, 34, 316-328.	1.4	11
35	Detection of ADB-BUTINACA Metabolites in Human Urine, Blood, Kidney and Liver. <i>Journal of Analytical Toxicology</i> , 2022, 46, 641-650.	1.7	11
36	An unusual presentation of a customs importation seizure containing amphetamine, possibly synthesized by the APAAN "P2P" Leuckart route. <i>Forensic Science International</i> , 2014, 234, e10-e13.	1.3	10

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37	Identification of (2-aminopropyl)indole positional isomers in forensic samples. <i>Drug Testing and Analysis</i> , 2014, 6, 598-606.	1.6	10
38	Syntheses and analytical characterizations of <i>N</i> -alkyl- <i>N</i> -carylcyclohexylamines. <i>Drug Testing and Analysis</i> , 2016, 8, 801-815.	1.6	10
39	Test purchase, identification and synthesis of 2-amino-1-(4-bromo-2,5-dimethoxyphenyl)ethanone (bk-2CB). <i>Drug Testing and Analysis</i> , 2015, 7, 512-518.	1.6	9
40	“APAAN in the neck” A reflection on some novel impurities found in seized materials containing amphetamine in Ireland during routine forensic analysis. <i>Drug Testing and Analysis</i> , 2017, 9, 966-976.	1.6	9
41	Synthetic cannabinoid receptor agonists: Analytical profiles and development of QMPSB, QMMSB, QMPCB, 2F-QMPSB, QMiPSB, and SGT-233. <i>Drug Testing and Analysis</i> , 2021, 13, 175-196.	1.6	9
42	Analytical characterization of <i>N,N</i> -diallyltryptamine (DALT) and 16 ring-substituted derivatives. <i>Drug Testing and Analysis</i> , 2017, 9, 115-126.	1.6	8
43	Synthesis, analytical characterization, and monoamine transporter activity of the new psychoactive substance 4-methylphenmetrazine (4MPM), with differentiation from its <i>ortho</i> - and <i>meta</i> -positional isomers. <i>Drug Testing and Analysis</i> , 2018, 10, 1404-1416.	1.6	8
44	Identification of pyrolysis products of the new psychoactive substance 2-amino-1-(4-bromo-2,5-dimethoxyphenyl)ethanone hydrochloride (bk-2CB) and its iodo analogue. <i>Drug Testing and Analysis</i> , 2018, 10, 229-236.	1.6	8
45	The Psilocin (4-hydroxy- <i>N,N</i> -dimethyltryptamine) and Bufotenine (5-hydroxy- <i>N,N</i> -dimethyltryptamine) Case: Ensuring the Correct Isomer has Been Identified. <i>Journal of Forensic Sciences</i> , 2020, 65, 1450-1457.	0.9	8
46	An unusual detection of tert-butyl-4-anilino-piperidine-1-carboxylate in seizures of falsified “Xanax” tablets and in items in a suspected heroin seizure submitted by Irish law enforcement. <i>Drug Testing and Analysis</i> , 2020, 12, 1387-1392.	1.6	8
47	Separating the wheat from the chaff: Observations on the analysis of lysergamides LSD, MIPLA, and LAMPA. <i>Drug Testing and Analysis</i> , 2022, 14, 545-556.	1.6	8
48	(2-Aminopropyl)benzo[<i>b</i>]thiophenes (APBTs) are novel monoamine transporter ligands that lack stimulant effects but display psychedelic-like activity in mice. <i>Neuropsychopharmacology</i> , 2022, 47, 914-923.	2.8	8
49	Return of the lysergamides. Part VII: Analytical and behavioural characterization of 1-valeroyl-lysergic acid diethylamide (1V-LSD). <i>Drug Testing and Analysis</i> , 2022, 14, 733-740.	1.6	8
50	Addressing the challenges in forensic drug chemistry. <i>Drug Testing and Analysis</i> , 2017, 9, 342-346.	1.6	7
51	Analytical profile, in vitro metabolism and behavioral properties of the lysergamide 1P-CAL-LAD. <i>Drug Testing and Analysis</i> , 2022, 14, 1503-1518.	1.6	7
52	Syntheses and analytical characterizations of the research chemical 1-(2-fluorophenyl)-2-phenylethylpyrrolidine (fluorolintane) and five of its isomers. <i>Drug Testing and Analysis</i> , 2019, 11, 1144-1161.	1.6	6
53	Tentative identification of the phase I and II metabolites of two synthetic cathinones, MDPHP and Î±-PBP, in human urine. <i>Drug Testing and Analysis</i> , 2020, 12, 1442-1451.	1.6	6
54	The syntheses and characterization 3-(4-fluorobenzoyloxy)tropane (fluorotropacocaine) and its 3-isomer. <i>Drug Testing and Analysis</i> , 2012, 4, 33-38.	1.6	5

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55	The synthesis and characterization of N-methyl-3-phenyl-2-norbornanamine (Camfetamine, c). Drug Testing and Analysis, 2013, 5, 247-253.	1.6	5
56	Tentative identification of the metabolites of (1-(cyclohexylmethyl)-1H-indol-3-yl)-(2,2,3,3-tetramethylcyclopropyl)methanone, and the product of its thermal degradation, by in vitro and in vivo methods. Drug Testing and Analysis, 2019, 11, 1387-1402.	1.6	5
57	Tentative Identification of Etazene (Etodesnitazene) Metabolites in Rat Serum and Urine by Gas Chromatography-Mass Spectrometry and Accurate Mass Liquid Chromatography-Mass Spectrometry. Journal of Analytical Toxicology, 2023, 46, 1032-1037.	1.7	5
58	An approach to shortening the timeframe between the emergence of new compounds on the drugs market and the availability of reference standards: The microscale syntheses of nitrazolam and clonazolam for use as reference materials, utilizing polymer-supported reagents. Drug Testing and Analysis, 2018, 10, 1198-1208.	1.6	4
59	Analytical profile of N-ethyl-N-cyclopropyl lysergamide (ECPLA), an isomer of lysergic acid 2,4-dimethylazetidide (LSZ). Drug Testing and Analysis, 2020, 12, 1514-1521.	1.6	4
60	Identification and characterization of an imidazolium by-product formed during the synthesis of 4-methylmethcathinone (mephedrone). Drug Testing and Analysis, 2015, 7, 894-902.	1.6	3
61	Outsmarted by nootropics? An investigation into the thermal degradation of modafinil, modafinic acid, adrafinil, CRL40,940 and CRL40,941 in the GC injector: formation of 1,1,2-tetraphenylethane and its tetra fluoro analog. Drug Testing and Analysis, 2017, 9, 518-528.	1.6	3
62	Syntheses and analytical characterizations of novel (2-aminopropyl)benzo[b]thiophene (APBT) based stimulants. Drug Testing and Analysis, 2020, 12, 1109-1125.	1.6	2
63	An unusual detection of 2-amino-3-(2-chlorobenzoyl)-5-ethylthiophene and 2-methylamino-5-chlorobenzophenone in illicit yellow etizolam tablets marked "5617"-seized in the Republic of Ireland. Drug Testing and Analysis, 2021, , .	1.6	2