

Gavin McLaughlin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Test purchase, synthesis, and characterization of 2â€methoxydiphenidine (MXP) and differentiation from its <i>meta</i> - and <i>para</i> -substituted isomers. Drug Testing and Analysis, 2016, 8, 98-109.	1.6	27
2	Synthesis, characterization and monoamine transporter activity of the new psychoactive substance mexedrone and its <i>N</i> -methoxy positional isomer, <i>N</i> -methoxymephedrone. Drug Testing and Analysis, 2017, 9, 358-368.	1.6	23
3	Fluorinated phenmetrazine â€œlegal highsâ€ act as substrates for high-affinity monoamine transporters of the SLC6 family. Neuropharmacology, 2018, 134, 149-157.	2.0	22
4	Preparation and characterization of the â€research chemicalâ€™ diphenidine, its pyrrolidine analogue, and their 2,2â€diphenylethyl isomers. Drug Testing and Analysis, 2015, 7, 358-367.	1.6	20
5	The synthesis and characterization of the â€research chemicalâ€™ <i>N</i> -(1â€aminoâ€3â€methylâ€1â€oxobutanâ€2â€yl)-1-(cyclohexylmethyl)-3-(4â€fluorophenyl)-1 <i>H</i> -pyrazole (3,5â€ABâ€CHMFUPPYCA) and differentiation from its 5,3â€regioisomer. Drug Testing and Analysis, 2016, 8, 920-929.	1.6	19
6	<i>In vitro</i> metabolism of the synthetic cannabinoid 3,5â€ABâ€CHMFUPPYCA and its 5,3â€regioisomer and investigation of their thermal stability. Drug Testing and Analysis, 2017, 9, 311-316.	1.6	19
7	Synthesis, characterization, and monoamine transporter activity of the new psychoactive substance 3â€2,4â€methylenedioxyâ€4â€methylaminorex (MDMAR). Drug Testing and Analysis, 2015, 7, 555-564.	1.6	16
8	The pharmacokinetic interaction between ivacaftor and ritonavir in healthy volunteers. British Journal of Clinical Pharmacology, 2017, 83, 2235-2241.	1.1	15
9	Forensic analysis of P2P derived amphetamine synthesis impurities: identification and characterization of indene byâ€products. Drug Testing and Analysis, 2017, 9, 446-452.	1.6	14
10	Analytical characterization and pharmacological evaluation of the new psychoactive substance 4â€fluoromethylphenidate (4Fâ€MPH) and differentiation between the (Â±)- <i>threo</i> - and (Â±)- <i>erythro</i> -diastereomers. Drug Testing and Analysis, 2017, 9, 347-357.	1.6	14
11	Test purchase, synthesis and characterization of 3â€fluorophenmetrazine (3â€FPM) and differentiation from its <i>ortho</i> - and <i>para</i> -substituted isomers. Drug Testing and Analysis, 2017, 9, 369-377.	1.6	12
12	â€APAAN in the neckâ€™ â€ A reflection on some novel impurities found in seized materials containing amphetamine in Ireland during routine forensic analysis. Drug Testing and Analysis, 2017, 9, 966-976.	1.6	9
13	Synthesis, analytical characterization, and monoamine transporter activity of the new psychoactive substance 4â€methylphenmetrazine (4â€MPM), with differentiation from its <i>ortho</i> - and <i>meta</i> -positional isomers. Drug Testing and Analysis, 2018, 10, 1404-1416.	1.6	8
14	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 polymerâ€supported reagents. Drug Testing and Analysis, 2018, 10, 1198-1208.	1.6	4
15	Identification and characterization of an imidazolium byâ€product formed during the synthesis of 4â€methylmethcathinone (mephedrone). Drug Testing and Analysis, 2015, 7, 894-902.	1.6	3
16	Outsmarted by nootropics? An investigation into the thermal degradation of modafinil, modafinic acid, adrafinil, CRLâ€40,940 and CRLâ€40,941 in the GC injector: formation of 1,1,2,2â€tetraphenylethane and its tetra fluoro analog. Drug Testing and Analysis, 2017, 9, 518-528.	1.6	3
17	An unusual detection of 2â€aminoâ€3â€(2â€chlorobenzoyl)-5â€ethylthiophene and 2â€methylaminoâ€5â€chlorobenzophenone in illicit yellow etizolam tablets marked â€5617â€-seized in the Republic of Ireland. Drug Testing and Analysis, 2021, , .	1.6	2