

# Peter D Maskell

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

876  
citations

623734

14  
h-index

477307

29  
g-index

66  
all docs

66  
docs citations

66  
times ranked

841  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mephedrone (4-Methylmethcathinone)-Related Deaths. <i>Journal of Analytical Toxicology</i> , 2011, 35, 188-191.	2.8	159
2	Halogenated cytosine derivatives as agonists at human neuronal nicotinic acetylcholine receptor subtypes. <i>Neuropharmacology</i> , 2003, 44, 503-515.	4.1	81
3	The emergence of new psychoactive substance (NPS) benzodiazepines: A review. <i>Drug Testing and Analysis</i> , 2018, 10, 37-53.	2.6	81
4	Indirect sensing of insulin-induced hypoglycaemia by the carotid body in the rat. <i>Journal of Physiology</i> , 2004, 556, 255-266.	2.9	74
5	Inhibition of human $\alpha 7$ nicotinic acetylcholine receptors by open channel blockers of N-methyl-D-aspartate receptors. <i>British Journal of Pharmacology</i> , 2003, 140, 1313-1319.	5.4	71
6	Phenazepam: The drug that came in from the cold. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2012, 19, 122-125.	1.0	41
7	The use of a quantitative structure-activity relationship (QSAR) model to predict GABA-A receptor binding of newly emerging benzodiazepines. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2018, 58, 219-225.	2.1	30
8	Carbon dioxide sensitivity during hypoglycaemia-induced, elevated metabolism in the anaesthetized rat. <i>Journal of Physiology</i> , 2005, 563, 883-893.	2.9	28
9	Analysis of phenazepam and 3-hydroxyphenazepam in post-mortem fluids and tissues. <i>Drug Testing and Analysis</i> , 2015, 7, 926-936.	2.6	28
10	Postmortem redistribution of the heroin metabolites morphine and morphine-3-glucuronide in rabbits over 24h. <i>International Journal of Legal Medicine</i> , 2016, 130, 519-531.	2.2	20
11	Postmortem tissue distribution of morphine and its metabolites in a series of heroin-related deaths. <i>Drug Testing and Analysis</i> , 2019, 11, 292-304.	2.6	20
12	Naphyrone: Analytical profile of the new legal high-substitute for mephedrone. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2011, 18, 93.	1.0	17
13	Experimental versus theoretical $\log D_{7.4}$ , $pK_a$ and plasma protein binding values for benzodiazepines appearing as new psychoactive substances. <i>Drug Testing and Analysis</i> , 2018, 10, 1258-1269.	2.6	17
14	Stability of 3,4-Methylenedioxymethamphetamine (MDMA), 4-Methylmethcathinone (Mephedrone) and 3-Trifluoromethylphenylpiperazine (3-TFMPP) in Formalin Solution. <i>Journal of Analytical Toxicology</i> , 2013, 37, 440-446.	2.8	16
15	Phenazepam is currently being misused in the UK. <i>BMJ: British Medical Journal</i> , 2011, 343, d4207-d4207.	2.3	14
16	Evidence based survey of the distribution volume of ethanol: Comparison of empirically determined values with anthropometric measures. <i>Forensic Science International</i> , 2019, 294, 124-131.	2.2	12
17	Real-time near-body drug screening during autopsy I: use of the Randox biochip drugs of abuse DOA I and DOA II immunoassays. <i>Forensic Toxicology</i> , 2013, 31, 113-118.	2.4	10
18	Improving uncertainty in Widmark equation calculations: Alcohol volume, strength and density. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017, 57, 321-330.	2.1	10

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19	Use of the Randox Evidence Investigator immunoassay system for near-body drug screening during post-mortem examination in 261 forensic cases. <i>Forensic Science International</i> , 2019, 294, 211-215.	2.2	10
20	The Contribution of Body Mass and Volume of Distribution to the Estimated Uncertainty Associated with the Widmark Equation. <i>Journal of Forensic Sciences</i> , 2020, 65, 1676-1684.	1.6	10
21	Femoral blood concentrations of the designer benzodiazepine etizolam in post-mortem cases. <i>Medicine, Science and the Law</i> , 2021, 61, 122-129.	1.0	10
22	Phenazepam: More information coming in from the cold. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2015, 36, 61-62.	1.0	9
23	Nefopam Hydrochloride: A Fatal Overdose. <i>Journal of Analytical Toxicology</i> , 2015, 39, 486-489.	2.8	9
24	Total body water is the preferred method to use in forensic blood-alcohol calculations rather than ethanol's volume of distribution. <i>Forensic Science International</i> , 2020, 316, 110532.	2.2	9
25	Biomarkers for Illicit Heroin: A Previously Unrecognized Origin of Papaverine. <i>Journal of Analytical Toxicology</i> , 2013, 37, 133-133.	2.8	8
26	The influence of alcohol content variation in UK packaged beers on the uncertainty of calculations using the Widmark equation. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2018, 58, 271-275.	2.1	8
27	Adrenaline Increases Carotid Body CO <sub>2</sub> Sensitivity: An in vivo Study. , 2006, 580, 245-250.		8
28	Deaths associated with new designer drug 5-IT. <i>BMJ, The</i> , 2012, 345, e5625-e5625.	6.0	6
29	Presumptive drug testing – The importance of considering prior probabilities. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2020, 2, .	2.1	5
30	Meptazinol and Ethanol: A Fatal Intoxication. <i>Journal of Analytical Toxicology</i> , 2012, 36, 69-73.	2.8	4
31	Application of a Bayesian network to aid the interpretation of blood alcohol (ethanol) concentrations in air crashes. <i>Forensic Science International</i> , 2020, 308, 110174.	2.2	4
32	Revised equations allowing the estimation of the uncertainty associated with the Total Body Water version of the Widmark equation. <i>Journal of Forensic Sciences</i> , 2021, , .	1.6	4
33	The blood-to-plasma ratio and predicted GABAA-binding affinity of designer benzodiazepines. <i>Forensic Toxicology</i> , 2022, 40, 349-356.	2.4	4
34	Clarification of the Correct Nomenclature of the Amino Metabolite of Clonazepam: 8-Aminoclonazepam. <i>Journal of Analytical Toxicology</i> , 2021, 45, e1-e2.	2.8	3
35	Embracing likelihood ratios and highlighting the principles of forensic interpretation. <i>Forensic Science International: Reports</i> , 2021, 3, 100209.	0.8	3
36	Just say no to postmortem drug dose calculations. <i>Journal of Forensic Sciences</i> , 2021, 66, 1862-1870.	1.6	3

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37	Forensic alcohol calculations in transgender individuals undergoing gender-affirming hormonal treatment. <i>Journal of Forensic Sciences</i> , 2022, 67, 1624-1631.	1.6	3
38	Volatile Substance Abuse: Fatal Overdose with Dimethylether. <i>Journal of Analytical Toxicology</i> , 2015, 39, 415-415.	2.8	2
39	Post-mortem diagnosis of kidney impairment: An experimental study. <i>Forensic Science International</i> , 2019, 301, 271-277.	2.2	2
40	Uncertainty in Widmark calculations: ABV variation in packaged versions of the most popular beers in the UK. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019, 59, 210-213.	2.1	2
41	Using <sup>125</sup> I-X-Ray CT to observe postmortem diffusion from the stomach in a rat model. <i>Forensic Science International</i> , 2020, 312, 110310.	2.2	2
42	When Is a Beer Not a Beer: Iso- $\alpha$ -Acids Not Necessarily Proof of Ethanol Consumption?. <i>Journal of Analytical Toxicology</i> , 2015, 39, 160-160.	2.8	1
43	The Future of Forensic Science Education. , 2017, , 301-310.		1
44	The Use of High-Fidelity Simulations in Emergency Management Training. , 2017, , 235-252.		0
45	Police Training in the Twenty-first Century. , 2017, , 253-268.		0
46	Letter to the Editor "Consensus on Retrograde Extrapolations. <i>Journal of Forensic Sciences</i> , 2018, 63, 1933-1933.	1.6	0