

Dimitri Gerostamoulos

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92 papers	2,538 citations	29 h-index	48 g-index
99 ext. papers	2,871 ext. citations	2.9 avg, IF	5.09 L-index

#	Paper	IF	Citations
92	The involvement of drugs in drivers of motor vehicles killed in Australian road traffic crashes. <i>Accident Analysis and Prevention</i> , 2004 , 36, 239-48	6.1	347
91	The incidence of drugs in drivers killed in Australian road traffic crashes. <i>Forensic Science International</i> , 2003 , 134, 154-62	2.6	187
90	Postmortem drug analysis: analytical and toxicological aspects. <i>Therapeutic Drug Monitoring</i> , 2002 , 24, 199-209	3.2	105
89	Drugs in oral fluid in randomly selected drivers. <i>Forensic Science International</i> , 2007 , 170, 105-10	2.6	100
88	Detection and quantification of new designer drugs in human blood: Part 1 - Synthetic cannabinoids. <i>Journal of Analytical Toxicology</i> , 2012 , 36, 372-80	2.9	81
87	The effect of the postmortem interval on the redistribution of drugs: a comparison of mortuary admission and autopsy blood specimens. <i>Forensic Science, Medicine, and Pathology</i> , 2012 , 8, 373-9	1.5	80
86	Identification and quantification of 30 antipsychotics in blood using LC-MS/MS. <i>Journal of Mass Spectrometry</i> , 2010 , 45, 915-25	2.2	77
85	The time-dependant post-mortem redistribution of antipsychotic drugs. <i>Forensic Science International</i> , 2012 , 222, 223-7	2.6	69
84	The analysis of 132 novel psychoactive substances in human hair using a single step extraction by tandem LC/MS. <i>Forensic Science International</i> , 2017 , 279, 192-202	2.6	61
83	Detection and quantification of new designer drugs in human blood: Part 2 - Designer cathinones. <i>Journal of Analytical Toxicology</i> , 2012 , 36, 381-9	2.9	55
82	The prevalence of drugs in injured drivers. <i>Forensic Science International</i> , 2012 , 215, 14-7	2.6	55
81	Heroin-related deaths in Victoria: a review of cases for 1997 and 1998. <i>Drug and Alcohol Dependence</i> , 2001 , 61, 123-7	4.9	54
80	Involvement of amphetamines in sudden and unexpected death. <i>Journal of Forensic Sciences</i> , 2009 , 54, 478-85	1.8	51
79	An assessment of the in vivo effects of intravenous lipid emulsion on blood drug concentration and haemodynamics following oro-gastric amitriptyline overdose. <i>Clinical Toxicology</i> , 2013 , 51, 208-15	2.9	49
78	Review: Pharmacogenetic aspects of the effect of cytochrome P450 polymorphisms on serotonergic drug metabolism, response, interactions, and adverse effects. <i>Forensic Science, Medicine, and Pathology</i> , 2011 , 7, 162-84	1.5	47
77	To Measure or not to Measure? That is the NPS Question. <i>Journal of Analytical Toxicology</i> , 2016 , 40, 318-20	2.0	46
76	Comparison of extraction efficiencies and LC-MS-MS matrix effects using LLE and SPE methods for 19 antipsychotics in human blood. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 393, 727-34	4.4	45

75	The incidence of drugs of impairment in oral fluid from random roadside testing. <i>Forensic Science International</i> , 2012 , 215, 28-31	2.6	44
74	Are 24-hour urine samples and creatinine adjustment required for analysis of inorganic arsenic in urine in population studies?. <i>Environmental Research</i> , 2002 , 88, 219-24	7.9	44
73	Exposure to inorganic arsenic in soil increases urinary inorganic arsenic concentrations of residents living in old mining areas. <i>Environmental Geochemistry and Health</i> , 2004 , 26, 27-36	4.7	41
72	A Cluster of Fentanyl-Laced Heroin Deaths in 2015 in Melbourne, Australia. <i>Journal of Analytical Toxicology</i> , 2017 , 41, 318-324	2.9	38
71	Fast targeted analysis of 132 acidic and neutral drugs and poisons in whole blood using LC-MS/MS. <i>Forensic Science International</i> , 2014 , 243, 35-43	2.6	38
70	Cannabis as a cause of death: A review. <i>Forensic Science International</i> , 2019 , 298, 298-306	2.6	37
69	Drug use in motor vehicle drivers presenting to an Australian, adult major trauma centre. <i>EMA - Emergency Medicine Australasia</i> , 2007 , 19, 359-65	1.5	36
68	Residual cannabis levels in blood, urine and oral fluid following heavy cannabis use. <i>Forensic Science International</i> , 2015 , 249, 173-80	2.6	35
67	Assessment of the stability of 30 antipsychotic drugs in stored blood specimens. <i>Forensic Science International</i> , 2012 , 215, 152-8	2.6	35
66	Deaths involving serotonergic drugs. <i>Forensic Science International</i> , 2010 , 198, 110-7	2.6	35
65	Deaths involving contraindicated and inappropriate combinations of serotonergic drugs. <i>International Journal of Legal Medicine</i> , 2011 , 125, 803-15	3.1	33
64	Alcohol congener analysis and the source of alcohol: a review. <i>Forensic Science, Medicine, and Pathology</i> , 2013 , 9, 194-207	1.5	29
63	The analysis of antipsychotic drugs in human matrices using LC-MS(/MS). <i>Drug Testing and Analysis</i> , 2012 , 4, 376-94	3.5	29
62	Can alcohol-based hand-rub solutions cause you to lose your driver's license? Comparative cutaneous absorption of various alcohols. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 1107-8	5.9	29
61	Involvement of codeine in drug-related deaths. <i>American Journal of Forensic Medicine and Pathology</i> , 1996 , 17, 327-35	1	28
60	Deaths involving MDMA and the concomitant use of pharmaceutical drugs. <i>Journal of Analytical Toxicology</i> , 2011 , 35, 219-26	2.9	27
59	Serotonin toxicity involving MDMA (ecstasy) and moclobemide. <i>Forensic Science International</i> , 2012 , 215, 184-8	2.6	26
58	Solid phase extraction of morphine and its metabolites from postmortem blood. <i>Forensic Science International</i> , 1996 , 77, 53-63	2.6	26

57	Deaths linked to synthetic cannabinoids. <i>Forensic Science, Medicine, and Pathology</i> , 2015 , 11, 478	1.5	24
56	Odds of culpability associated with use of impairing drugs in injured drivers in Victoria, Australia. <i>Accident Analysis and Prevention</i> , 2020 , 135, 105389	6.1	23
55	"King hit" fatalities in Australia, 2000-2012: the role of alcohol and other drugs. <i>Drug and Alcohol Dependence</i> , 2014 , 135, 119-32	4.9	22
54	The Context, Management and Prevention of Heroin Overdose in Victoria, Australia: The Promise of a Diverse Approach. <i>Addiction Research and Theory</i> , 2001 , 9, 437-458	2.6	21
53	Ultra-rapid targeted analysis of 40 drugs of abuse in oral fluid by LC-MS/MS using carbon-13 isotopes of methamphetamine and MDMA to reduce detector saturation. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 3737-49	4.4	21
52	The attribution of a death to heroin: A model to help improve the consistent and transparent classification and reporting of heroin-related deaths. <i>Forensic Science International</i> , 2017 , 281, 18-28	2.6	16
51	Risk factors for increased urinary inorganic arsenic concentrations from low arsenic concentrations in drinking water. <i>International Journal of Environmental Health Research</i> , 2003 , 13, 271-84	3.6	14
50	The rapid identification and quantification of iso- β -acids and reduced iso- β -acids in blood using UHPLC-MS/MS: validation of a novel marker for beer consumption. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 9755-67	4.4	13
49	Validated method for the determination of ethylglucuronide and ethylsulfate in human urine. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 189-96	4.4	13
48	The effectiveness of decontamination procedures used in forensic hair analysis. <i>Forensic Science, Medicine, and Pathology</i> , 2018 , 14, 349-357	1.5	13
47	An evaluation of the DRI-ETG EIA method for the determination of ethyl glucuronide concentrations in clinical and post-mortem urine. <i>Drug Testing and Analysis</i> , 2013 , 5, 439-45	3.5	12
46	Simultaneous determination of 6-monoacetylmorphine, morphine and codeine in urine using high-performance liquid chromatography with combined ultraviolet and electrochemical detection. <i>Biomedical Applications</i> , 1993 , 617, 152-6		12
45	Postmortem Drug Redistribution: A Compilation of Postmortem/Antemortem Drug Concentration Ratios. <i>Journal of Analytical Toxicology</i> , 2021 , 45, 368-377	2.9	12
44	A systematic investigation of forensic hair decontamination procedures and their limitations. <i>Drug Testing and Analysis</i> , 2019 , 11, 1542-1555	3.5	11
43	Increasing rates of quetiapine overdose, misuse, and mortality in Victoria, Australia. <i>Drug and Alcohol Dependence</i> , 2018 , 187, 95-99	4.9	10
42	Identification of 2-hydroxymethyl-olanzapine as a novel degradation product of olanzapine. <i>Forensic Science International</i> , 2012 , 220, 74-9	2.6	10
41	Fatality due to amisulpride toxicity: a case report. <i>Medicine, Science and the Law</i> , 2008 , 48, 173-7	1.1	10
40	Pharmacokinetics of iso- β -acids in volunteers following the consumption of beer. <i>Journal of Analytical Toxicology</i> , 2014 , 38, 354-9	2.9	9

39	A comparison of the performance of quality controls prepared from spiked, fortified and authentic hair for ethyl glucuronide analysis. <i>Forensic Science International</i> , 2013 , 232, 60-6	2.6	9
38	Toxicology in international drug control-Prioritizing the most harmful, persistent and prevalent substances. <i>Forensic Science International</i> , 2017 , 274, 2-6	2.6	9
37	The role of toxicology interpretations in prevention of sudden death. <i>Forensic Science, Medicine, and Pathology</i> , 2012 , 8, 263-9	1.5	9
36	Characterization of single nucleotide polymorphisms of cytochrome p450 in an Australian deceased sample. <i>Current Drug Metabolism</i> , 2012 , 13, 679-92	3.5	8
35	Analysis of Benzodiazepines for Drug-Facilitated Assaults and Abuse Settings (Urine). <i>Methods in Molecular Biology</i> , 2019 , 1872, 23-39	1.4	8
34	High Throughput Detection of 327 Drugs in Blood by LC-MS-MS with Automated Data Processing. <i>Journal of Analytical Toxicology</i> , 2021 , 45, 154-183	2.9	8
33	Determining the effective dose of street-level heroin: A new way to consider fluctuations in heroin purity, mass and potential contribution to overdose. <i>Forensic Science International</i> , 2018 , 290, 219-226	2.6	7
32	The stability of iso- β -acids and reduced iso- β -acids in stored blood specimens. <i>Forensic Science International</i> , 2014 , 239, 44-9	2.6	7
31	Carbon monoxide concentrations in the 2009 Victorian Bushfire disaster victims. <i>Forensic Science International</i> , 2011 , 205, 69-72	2.6	7
30	The prevalence of alcohol and other drugs in fatal road crashes in Victoria, Australia. <i>Accident Analysis and Prevention</i> , 2021 , 153, 105905	6.1	7
29	Identification of a thermal degradation product of CUMYL-PEGACLONE and its detection in biological samples. <i>Drug Testing and Analysis</i> , 2019 , 11, 1480-1485	3.5	6
28	An analysis of issues in the classification and reporting of heroin-related deaths. <i>Addiction</i> , 2019 , 114, 504-512	4.6	6
27	Time-Dependent Changes in THC Concentrations in Deceased Persons. <i>Journal of Analytical Toxicology</i> , 2021 , 45, 1-7	2.9	6
26	Catch and release: evaluating the safety of non-fatal heroin overdose management in the out-of-hospital environment. <i>Clinical Toxicology</i> , 2018 , 56, 1135-1142	2.9	5
25	Pharmacokinetics of reduced iso- β -acids in volunteers following clear bottled beer consumption. <i>Forensic Science International</i> , 2015 , 250, 37-43	2.6	5
24	The prevalence of duloxetine in medico-legal death investigations in Victoria, Australia (2009-2012). <i>Forensic Science International</i> , 2014 , 234, 165-73	2.6	5
23	Comments on "The effect of the use of mouthwash on ethylglucuronide concentration in urine". <i>Journal of Analytical Toxicology</i> , 2007 , 31, 294-5; author reply 295-6	2.9	5
22	Prevalence of drugs in injured drivers in Victoria, Australia. <i>Australian Journal of Forensic Sciences</i> , 2021 , 53, 166-180	1.1	5

21	The role of voluntary and involuntary drug and alcohol consumption and premorbid mental health factors in drug-facilitated sexual assault. <i>Forensic Science, Medicine, and Pathology</i> , 2019 , 15, 382-391	1.5	4
20	Flecainide toxicity: cause and contribution to death. <i>Legal Medicine</i> , 2001 , 3, 233-6	1.9	4
19	Challenges with take-home naloxone in reducing heroin mortality: a review of fatal heroin overdose cases in Victoria, Australia. <i>Clinical Toxicology</i> , 2019 , 57, 325-330	2.9	4
18	Forensic Drug Analysis 2013 ,		3
17	Postmortem Metabolomics: Strategies to Assess Time-Dependent Postmortem Changes of Diazepam, Nordiazepam, Morphine, Codeine, Mirtazapine and Citalopram. <i>Metabolites</i> , 2021 , 11,	5.6	3
16	Toxicology of Specific Substances 2014 , 900-993		2
15	Infrequent detection of unintentional fentanyl use via urinalysis among people who regularly inject opioids in Sydney and Melbourne, Australia.. <i>Addiction</i> , 2022 ,	4.6	2
14	Concerns on the Misinterpretation of Very Low Drug Concentrations in Hair. <i>Journal of Analytical Toxicology</i> , 2021 , 44, e6-e8	2.9	2
13	Toxicological Analysis: Drug Screening and Confirmation 2014 , 866-872		1
12	Detection of iso- β -acids to confirm beer consumption in postmortem specimens. <i>Drug Testing and Analysis</i> , 2015 , 7, 65-74	3.5	1
11	An assessment of the stability of MDMA, methamphetamine and THC in oral fluid. <i>Australian Journal of Forensic Sciences</i> , 2014 , 46, 397-410	1.1	1
10	The postmortem redistribution of iso- β -acids in postmortem specimens. <i>Forensic Science, Medicine, and Pathology</i> , 2014 , 10, 550-6	1.5	1
9	Severe hand sanitiser (isopropanol) toxicity managed with continuous venovenous haemodiafiltration and angiotensin II. <i>Clinical Toxicology</i> , 2021 , 59, 1277-1278	2.9	1
8	The Analysis of Antipsychotic Drugs in Human Biosamples by LC-MS 2012 , 177-195		1
7	Drug screening in clinical or forensic toxicology: are there differences?. <i>Journal of Law & Medicine</i> , 2010 , 18, 25-8	0.3	1
6	Massive gamma hydroxybutyrate overdose resulting in severe metabolic acidosis requiring continuous venovenous haemofiltration. <i>EMA - Emergency Medicine Australasia</i> , 2020 , 32, 898-899	1.5	0
5	The impact of codeine upscheduling on overdoses, Emergency Department presentations and mortality in Victoria, Australia. <i>Drug and Alcohol Dependence</i> , 2021 , 226, 108837	4.9	0
4	TIAFT2016 Special Edition of Forensic Science International. <i>Forensic Science International</i> , 2017 , 274, 1	2.6	

- 3 Reply to Maskell et al. *Journal of Analytical Toxicology*, **2015**, 39, 416 2.9
- 2 Epidemiology and Adverse Drug Reactions **2014**, 840-844
- 1 Common drugs: analysis and interpretation **2013**, 98-108