

# Dimitri Gerostamoulos

## List of Publications by Year in descending order

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91  
papers

3,209  
citations

126907

33  
h-index

161849

54  
g-index

99  
all docs

99  
docs citations

99  
times ranked

2648  
citing authors

#	ARTICLE	IF	CITATIONS
1	The involvement of drugs in drivers of motor vehicles killed in Australian road traffic crashes. <i>Accident Analysis and Prevention</i> , 2004, 36, 239-248.	5.7	424
2	The incidence of drugs in drivers killed in Australian road traffic crashes. <i>Forensic Science International</i> , 2003, 134, 154-162.	2.2	215
3	Postmortem Drug Analysis: Analytical and Toxicological Aspects. <i>Therapeutic Drug Monitoring</i> , 2002, 24, 199-209.	2.0	123
4	Drugs in oral fluid in randomly selected drivers. <i>Forensic Science International</i> , 2007, 170, 105-110.	2.2	110
5	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, 373-379.	1.4	94
6	Detection and Quantification of New Designer Drugs in Human Blood: Part 1 - Synthetic Cannabinoids. <i>Journal of Analytical Toxicology</i> , 2012, 36, 372-380.	2.8	86
7	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.	2.2	85
8	Identification and quantification of 30 antipsychotics in blood using LC-MS/MS. <i>Journal of Mass Spectrometry</i> , 2010, 45, 915-925.	1.6	83
9	The time-dependant post-mortem redistribution of antipsychotic drugs. <i>Forensic Science International</i> , 2012, 222, 223-227.	2.2	81
10	Cannabis as a cause of death: A review. <i>Forensic Science International</i> , 2019, 298, 298-306.	2.2	65
11	Heroin-related deaths in Victoria: a review of cases for 1997 and 1998. <i>Drug and Alcohol Dependence</i> , 2001, 61, 123-127.	3.2	64
12	The prevalence of drugs in injured drivers. <i>Forensic Science International</i> , 2012, 215, 14-17.	2.2	63
13	Involvement of Amphetamines in Sudden and Unexpected Death. <i>Journal of Forensic Sciences</i> , 2009, 54, 478-485.	1.6	62
14	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, 162-184.	1.4	62
15	Detection and Quantification of New Designer Drugs in Human Blood: Part 2 - Designer Cathinones. <i>Journal of Analytical Toxicology</i> , 2012, 36, 381-389.	2.8	62
16	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, 208-215.	1.9	62
17	To Measure or Not to Measure? That is the NPS Question. <i>Journal of Analytical Toxicology</i> , 2016, 40, 318-320.	2.8	57
18	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.	2.2	52

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19	Residual cannabis levels in blood, urine and oral fluid following heavy cannabis use. <i>Forensic Science International</i> , 2015, 249, 173-180.	2.2	51
20	Comparison of extraction efficiencies and LC-MS matrix effects using LLE and SPE methods for 19 antipsychotics in human blood. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 727-734.	3.7	50
21	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, 219-224.	7.5	49
22	The incidence of drugs of impairment in oral fluid from random roadside testing. <i>Forensic Science International</i> , 2012, 215, 28-31.	2.2	48
23	Odds of culpability associated with use of impairing drugs in injured drivers in Victoria, Australia. <i>Accident Analysis and Prevention</i> , 2020, 135, 105389.	5.7	48
24	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.	3.4	46
25	Assessment of the stability of 30 antipsychotic drugs in stored blood specimens. <i>Forensic Science International</i> , 2012, 215, 152-158.	2.2	46
26	A Cluster of Fentanyl-Laced Heroin Deaths in 2015 in Melbourne, Australia. <i>Journal of Analytical Toxicology</i> , 2017, 41, 318-324.	2.8	46
27	Drug use in motor vehicle drivers presenting to an Australian, adult major trauma centre. <i>EMA - Emergency Medicine Australasia</i> , 2007, 19, 359-365.	1.1	41
28	Deaths involving serotonergic drugs. <i>Forensic Science International</i> , 2010, 198, 110-117.	2.2	40
29	Alcohol congener analysis and the source of alcohol: a review. <i>Forensic Science, Medicine, and Pathology</i> , 2013, 9, 194-207.	1.4	39
30	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, 1107-1108.	3.2	35
31	Deaths involving contraindicated and inappropriate combinations of serotonergic drugs. <i>International Journal of Legal Medicine</i> , 2011, 125, 803-815.	2.2	35
32	Deaths Involving MDMA and the Concomitant Use of Pharmaceutical Drugs. <i>Journal of Analytical Toxicology</i> , 2011, 35, 219-226.	2.8	33
33	The analysis of antipsychotic drugs in human matrices using LC-MS(/MS). <i>Drug Testing and Analysis</i> , 2012, 4, 376-394.	2.6	33
34	Serotonin toxicity involving MDMA (ecstasy) and moclobemide. <i>Forensic Science International</i> , 2012, 215, 184-188.	2.2	32
35	Involvement of Codeine in Drug-related Deaths. <i>American Journal of Forensic Medicine and Pathology</i> , 1996, 17, 327-335.	0.8	32
36	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.	2.8	31

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37	Postmortem Drug Redistribution: A Compilation of Postmortem/Antemortem Drug Concentration Ratios. <i>Journal of Analytical Toxicology</i> , 2021, 45, 368-377.	2.8	29
38	Solid phase extraction of morphine and its metabolites from postmortem blood. <i>Forensic Science International</i> , 1996, 77, 53-63.	2.2	28
39	“King hit” fatalities in Australia, 2000–2012: The role of alcohol and other drugs. <i>Drug and Alcohol Dependence</i> , 2014, 135, 119-132.	3.2	28
40	Deaths linked to synthetic cannabinoids. <i>Forensic Science, Medicine, and Pathology</i> , 2015, 11, 478-478.	1.4	28
41	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, 3737-3749.	3.7	27
42	The effectiveness of decontamination procedures used in forensic hair analysis. <i>Forensic Science, Medicine, and Pathology</i> , 2018, 14, 349-357.	1.4	25
43	The prevalence of alcohol and other drugs in fatal road crashes in Victoria, Australia. <i>Accident Analysis and Prevention</i> , 2021, 153, 105905.	5.7	23
44	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.	1.9	22
45	Increasing rates of quetiapine overdose, misuse, and mortality in Victoria, Australia. <i>Drug and Alcohol Dependence</i> , 2018, 187, 95-99.	3.2	19
46	A systematic investigation of forensic hair decontamination procedures and their limitations. <i>Drug Testing and Analysis</i> , 2019, 11, 1542-1555.	2.6	19
47	Time-Dependent Changes in THC Concentrations in Deceased Persons. <i>Journal of Analytical Toxicology</i> , 2021, 45, 1-7.	2.8	18
48	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.	2.2	17
49	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.	1.4	17
50	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, 271-284.	2.7	15
51	The rapid identification and quantification of iso- $\delta$ -acids and reduced iso- $\delta$ -acids in blood using UHPLC-MS/MS: validation of a novel marker for beer consumption. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 9755-9767.	3.7	15
52	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, 152-156.	1.7	14
53	Validated method for the determination of ethylglucuronide and ethylsulfate in human urine. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 189-196.	3.7	14
54	Prevalence of drugs in injured drivers in Victoria, Australia. <i>Australian Journal of Forensic Sciences</i> , 2021, 53, 166-180.	1.2	14

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55	The role of toxicology interpretations in prevention of sudden death. <i>Forensic Science, Medicine, and Pathology</i> , 2012, 8, 263-269.	1.4	13
56	An evaluation of the DRIâ€”ETG EIA method for the determination of ethyl glucuronide concentrations in clinical and postâ€”mortem urine. <i>Drug Testing and Analysis</i> , 2013, 5, 439-445.	2.6	13
57	Pharmacokinetics of Iso-â„–Acids in Volunteers Following the Consumption of Beer. <i>Journal of Analytical Toxicology</i> , 2014, 38, 354-359.	2.8	13
58	Fatality due to amisulpride toxicity. <i>Medicine, Science and the Law</i> , 2008, 48, 173-177.	1.0	12
59	Identification of 2-hydroxymethyl-olanzapine as a novel degradation product of olanzapine. <i>Forensic Science International</i> , 2012, 220, 74-79.	2.2	12
60	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.	2.2	11
61	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.	1.9	11
62	Analysis of Benzodiazepines for Drug-Facilitated Assaults and Abuse Settings (Urine). <i>Methods in Molecular Biology</i> , 2019, 1872, 23-39.	0.9	11
63	Carbon monoxide concentrations in the 2009 Victorian Bushfire disaster victims. <i>Forensic Science International</i> , 2011, 205, 69-72.	2.2	10
64	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, 60-66.	2.2	10
65	Toxicology in international drug controlâ€”Prioritizing the most harmful, persistent and prevalent substances. <i>Forensic Science International</i> , 2017, 274, 2-6.	2.2	10
66	Characterization of Single Nucleotide Polymorphisms of Cytochrome P450 in an Australian Deceased Sample. <i>Current Drug Metabolism</i> , 2012, 13, 679-692.	1.2	10
67	Flecainide toxicity: cause and contribution to death. <i>Legal Medicine</i> , 2001, 3, 233-236.	1.3	9
68	The prevalence of duloxetine in medico-legal death investigations in Victoria, Australia (2009â€”2012). <i>Forensic Science International</i> , 2014, 234, 165-173.	2.2	9
69	Postmortem Metabolomics: Strategies to Assess Time-Dependent Postmortem Changes of Diazepam, Nordiazepam, Morphine, Codeine, Mirtazapine and Citalopram. <i>Metabolites</i> , 2021, 11, 643.	2.9	9
70	Identification of a thermal degradation product of CUMYLâ€”PEGACLONE and its detection in biological samples. <i>Drug Testing and Analysis</i> , 2019, 11, 1480-1485.	2.6	8
71	An analysis of issues in the classification and reporting of heroinâ€”related deaths. <i>Addiction</i> , 2019, 114, 504-512.	3.3	8
72	The stability of iso-â„–acids and reduced iso-â„–acids in stored blood specimens. <i>Forensic Science International</i> , 2014, 239, 44-49.	2.2	7

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73	Infrequent detection of unintentional fentanyl use via urinalysis among people who regularly inject opioids in Sydney and Melbourne, Australia. <i>Addiction</i> , 2022, 117, 2331-2337.	3.3	7
74	Comments on "The Effect of the Use of Mouthwash on Ethylglucuronide Concentration in Urine". <i>Journal of Analytical Toxicology</i> , 2007, 31, 294-295.	2.8	6
75	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.	1.9	6
76	Trace residue identification, characterization, and longitudinal monitoring of the novel synthetic opioid U10, from discarded drug paraphernalia. <i>Drug Testing and Analysis</i> , 2022, 14, 1576-1586.	2.6	6
77	Pharmacokinetics of reduced iso- $\Delta^1$ -acids in volunteers following clear bottled beer consumption. <i>Forensic Science International</i> , 2015, 250, 37-43.	2.2	5
78	Stimulant use in suicides: A systematic review. <i>Forensic Science International</i> , 2022, 338, 111391.	2.2	5
79	<i>Forensic Drug Analysis</i> . , 2013, , .		4
80	Detection of iso- $\Delta^1$ -acids to confirm beer consumption in postmortem specimens. <i>Drug Testing and Analysis</i> , 2015, 7, 65-74.	2.6	4
81	Massive gamma hydroxybutyrate overdose resulting in severe metabolic acidosis requiring continuous venovenous haemofiltration. <i>EMA - Emergency Medicine Australasia</i> , 2020, 32, 898-899.	1.1	4
82	Concerns on the Misinterpretation of Very Low Drug Concentrations in Hair. <i>Journal of Analytical Toxicology</i> , 2021, 44, e6-e8.	2.8	4
83	The impact of codeine upscheduling on overdoses, Emergency Department presentations and mortality in Victoria, Australia. <i>Drug and Alcohol Dependence</i> , 2021, 226, 108837.	3.2	3
84	An assessment of the stability of MDMA, methamphetamine and THC in oral fluid. <i>Australian Journal of Forensic Sciences</i> , 2014, 46, 397-410.	1.2	2
85	Urinary drug screening. <i>Australian Prescriber</i> , 2013, 36, 111-112.	1.0	2
86	The postmortem redistribution of iso- $\Delta^1$ -acids in postmortem specimens. <i>Forensic Science, Medicine, and Pathology</i> , 2014, 10, 550-556.	1.4	1
87	Severe hand sanitiser (isopropanol) toxicity managed with continuous venovenous haemodiafiltration and angiotensin II. <i>Clinical Toxicology</i> , 2021, 59, 1-2.	1.9	1
88	The Analysis of Antipsychotic Drugs in Human Biosamples by LC-MS. , 2012, , 177-195.		1
89	Drug screening in clinical or forensic toxicology: are there differences?. <i>Journal of Law &amp; Medicine</i> , 2010, 18, 25-8.	0.0	1
90	Reply to Maskell et al. <i>Journal of Analytical Toxicology</i> , 2015, 39, 416-416.	2.8	0

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91	TIAFT2016 Special Edition of Forensic Science International. Forensic Science International, 2017, 274, 1.	2.2	0