

Nikolaos Raikos

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,522
citations

331670

21
h-index

315739

38
g-index

65
all docs

65
docs citations

65
times ranked

2319
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophilic interaction chromatography coupled to MS for metabonomic/metabolomic studies. <i>Journal of Separation Science</i> , 2010, 33, 716-727.	2.5	180
2	HILIC-UPLC-MS for Exploratory Urinary Metabolic Profiling in Toxicological Studies. <i>Analytical Chemistry</i> , 2011, 83, 382-390.	6.5	135
3	Preparation of a molecularly imprinted polymer for the solid-phase extraction of scopolamine with hyoscyamine as a dummy template molecule. <i>Journal of Chromatography A</i> , 2003, 987, 103-109.	3.7	106
4	Solid phase microextraction gas chromatographic analysis of organophosphorus pesticides in biological samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 822, 194-200.	2.3	81
5	Development and validation of a HILIC-MS/MS multitargeted method for metabolomics applications. <i>Electrophoresis</i> , 2015, 36, 2215-2225.	2.4	77
6	Determination of amphetamines in human urine by headspace solid-phase microextraction and gas chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 789, 59-63.	2.3	70
7	Investigation of the derivatization conditions for GC-MS metabolomics of biological samples. <i>Bioanalysis</i> , 2017, 9, 53-65.	1.5	65
8	GC-MS analysis of organic acids in human urine in clinical settings: A study of derivatization and other analytical parameters. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 964, 195-201.	2.3	49
9	Amniotic Fluid and Maternal Serum Metabolic Signatures in the Second Trimester Associated with Preterm Delivery. <i>Journal of Proteome Research</i> , 2017, 16, 898-910.	3.7	48
10	Analysis of anaesthetics and analgesics in human urine by headspace SPME and GC. <i>Journal of Separation Science</i> , 2009, 32, 1018-1026.	2.5	43
11	Determination of drugs of abuse and pharmaceuticals in skeletal tissue by UHPLC-MS/MS. <i>Forensic Science International</i> , 2018, 290, 137-145.	2.2	40
12	A GC-MS method for the detection and quantitation of ten major drugs of abuse in human hair samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1047, 141-150.	2.3	39
13	Determination of Δ^9 -tetrahydrocannabinolic acid A (Δ^9 -THCA-A) in whole blood and plasma by LC-MS/MS and application in authentic samples from drivers suspected of driving under the influence of cannabis. <i>Forensic Science International</i> , 2014, 243, 130-136.	2.2	38
14	Urine metabolomics in neonates with late-onset sepsis in a case-control study. <i>Scientific Reports</i> , 2017, 7, 45506.	3.3	37
15	A GC-MS metabolic profiling study of plasma samples from mice on low- and high-fat diets. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1467-1475.	2.3	32
16	Association of the CYP2B6 c.516G>T Polymorphism with High Blood Propofol Concentrations in Women from Northern Greece. <i>Drug Metabolism and Pharmacokinetics</i> , 2014, 29, 215-218.	2.2	31
17	Quantification of 15 Psychotropic Drugs in Serum and Postmortem Blood Samples after a Modified Mini-QuEChERS by UHPLC-MS-MS. <i>Journal of Analytical Toxicology</i> , 2018, 42, 337-345.	2.8	31
18	The Role of Sarcosine, Uracil, and Kynurenic Acid Metabolism in Urine for Diagnosis and Progression Monitoring of Prostate Cancer. <i>Metabolites</i> , 2017, 7, 9.	2.9	30

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19	A new method for the HPLC determination of gamma-hydroxybutyric acid (GHB) following derivatization with a coumarin analogue and fluorescence detection. <i>Talanta</i> , 2008, 75, 356-361.	5.5	25
20	Effects of Different Exercise Modes on the Urinary Metabolic Fingerprint of Men with and without Metabolic Syndrome. <i>Metabolites</i> , 2017, 7, 5.	2.9	25
21	Sample Preparation Strategies for the Effective Quantitation of Hydrophilic Metabolites in Serum by Multi-Targeted HILIC-MS/MS. <i>Metabolites</i> , 2017, 7, 13.	2.9	24
22	An ultra-high pressure liquid chromatography-tandem mass spectrometry method for the quantification of teicoplanin in plasma of neonates. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1047, 215-222.	2.3	20
23	A UHPLC-MS-MS Method for the Determination of 84 Drugs of Abuse and Pharmaceuticals in Blood. <i>Journal of Analytical Toxicology</i> , 2021, 45, 28-43.	2.8	20
24	A pilot case-control study of urine metabolomics in preterm neonates with necrotizing enterocolitis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1117, 10-21.	2.3	19
25	Impact of exercise on fecal and cecal metabolome over aging: a longitudinal study in rats. <i>Bioanalysis</i> , 2017, 9, 21-36.	1.5	18
26	Determination of illicit drugs and psychoactive pharmaceuticals in wastewater from the area of Thessaloniki (Greece) using LC-MS/MS: estimation of drug consumption. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 249.	2.7	18
27	Comparison of the Serum Metabolic Fingerprint of Different Exercise Modes in Men with and without Metabolic Syndrome. <i>Metabolites</i> , 2019, 9, 116.	2.9	16
28	Development of a UHPLC-MS/MS method for the determination of 84 pharmaceuticals and drugs of abuse in human liver. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1151, 122192.	2.3	16
29	Liquid chromatography tandem mass spectrometry for the determination of nine insecticides and fungicides in human postmortem blood and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122824.	2.3	15
30	NSAIDs Determination in Human Serum by GC-MS. <i>Separations</i> , 2018, 5, 37.	2.4	13
31	Lesbians' experiences and attitudes towards parenthood in Greece. <i>Culture, Health and Sexuality</i> , 2019, 21, 108-120.	1.8	13
32	An association study between catalase -262C>T gene polymorphism, sodium-lithium countertransport activity, insulin resistance, blood lipid parameters and their response to atorvastatin, in Greek dyslipidaemic patients and normolipidaemic controls. <i>Free Radical Research</i> , 2009, 43, 385-389.	3.3	12
33	GC-MS analysis of underivatized new psychoactive substances in whole blood and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1156, 122308.	2.3	12
34	Headspace Solid-Phase Microextraction for the Gas Chromatographic Analysis of Organophosphorus Insecticides in Vegetables. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 1677-1681.	1.5	11
35	Effects of Atorvastatin on Red-blood Cell Na ⁺ /Li ⁺ Countertransport in Hyperlipidemic Patients With and Without Hypertension. <i>American Journal of Hypertension</i> , 2008, 21, 303-309.	2.0	9
36	Serum-Targeted HILIC-MS Metabolomics-Based Analysis in Infants with Ureteropelvic Junction Obstruction. <i>Journal of Proteome Research</i> , 2020, 19, 2294-2303.	3.7	9

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37	Development of a Liquid-Liquid Extraction Procedure for the Analysis of Amphetamine in Biological Specimens by GC-FID. <i>The Open Forensic Science Journal</i> , 2009, 2, 12-15.	0.8	9
38	Sudden cardiac death due to quetiapine overdose. <i>Psychiatry and Clinical Neurosciences</i> , 2012, 66, 535-535.	1.8	7
39	Metabolic profile of human coelomic fluid. <i>Bioanalysis</i> , 2017, 9, 37-51.	1.5	7
40	Evaluation of Cocaine Effect on Endogenous Metabolites of HepG2 Cells Using Targeted Metabolomics. <i>Molecules</i> , 2021, 26, 4610.	3.8	7
41	Carbamate poisoning in a dairy goat herd: Clinicopathological findings and therapeutic approach. <i>New Zealand Veterinary Journal</i> , 2009, 57, 392-394.	0.9	6
42	ABCB1 and CYP2D6 polymorphisms and treatment response of psychotic patients in a naturalistic setting. <i>Human Psychopharmacology</i> , 2018, 33, e2644.	1.5	6
43	Efficacy and safety of anti-sclerostin antibodies in the treatment of osteoporosis: A meta-analysis and systematic review. <i>Journal of Clinical Densitometry</i> , 2022, 25, 401-415.	1.2	6
44	Psychotic Episode Associated With Sertraline and Drug-Related Delirium. <i>Journal of Clinical Psychopharmacology</i> , 2014, 34, 527-529.	1.4	5
45	Risk factors for fatal drowning in a Greek region: a retrospective case-control study. <i>Injury Prevention</i> , 2021, 27, injuryprev-2020-043788.	2.4	5
46	Determination of Lidocaine in Postmortem Whole Blood Samples after Unsuccessful Cardiopulmonary Resuscitation. <i>Separations</i> , 2021, 8, 117.	2.4	5
47	Alprazolam and Zolpidem in Skeletal Tissue of Decomposed Body Confirms Exposure. <i>Journal of Forensic Sciences</i> , 2019, 64, 643-646.	1.6	4
48	Simple Method for the Determination of Lacosamide in Blood by GC-MS. <i>Journal of Forensic Sciences</i> , 2020, 65, 288-294.	1.6	4
49	Ethico-legal issues related to ovarian tissue transplantation. <i>Medicine, Science and the Law</i> , 2016, 56, 293-304.	1.0	3
50	GC-MS-Based Metabolic Phenotyping. , 2019, , 137-169.		3
51	Involuntary psychiatric hospitalization of children and adolescents in Northern Greece: Retrospective epidemiological study and related ethical issues. <i>Psychiatrike</i> , 2020, 31, 129-139.	0.6	3
52	Development and Validation of a Single Step GC/MS Method for the Determination of 41 Drugs and Drugs of Abuse in Postmortem Blood. <i>Forensic Sciences</i> , 2022, 2, 473-491.	1.5	3
53	Fatal intoxication with antidepressants: a case with many culprits. <i>Forensic Science, Medicine, and Pathology</i> , 2018, 14, 225-228.	1.4	2
54	Impact of social containment measures on cardiovascular admissions and sudden cardiac death rates during Coronavirus Disease (COVID-19) outbreak in Greece. <i>Hellenic Journal of Cardiology</i> , 2021, 62, 318-319.	1.0	2

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55	Heroin Body Packer's Death in Greece–!2009-11-17~!2010-03-15~!2010-05-18~!. The Open Forensic Science Journal, 2010, 3, 53-56.	0.8	2
56	Optimization of amphetamine extraction from biological samples by liquid-liquid extraction. Toxicology Letters, 2008, 180, S243.	0.8	1
57	Sodium-Lithium Countertransport Activity in Healthy, Dyslipidemic, and Hypertensive Individuals. Angiology, 2008, 59, 727-735.	1.8	1
58	Potential use of pericardial cTnI, Mg ²⁺ and Ca ²⁺ in the forensic investigation of seawater drowning in Greece: An initial assessment. Legal Medicine, 2016, 23, 30-33.	1.3	1
59	Investigation of patterns and dynamics of substance users: A long-term toxicology study on a sample of the Greek population between 2005 and 2019. Journal of Forensic Sciences, 2021, 66, 1841-1854.	1.6	1
60	Efficacy and safety of Mydriatic Microdrops for Retinopathy Of Prematurity Screening (MyMiROPS): study protocol for a non-inferiority crossover randomized controlled trial. Trials, 2022, 23, 322.	1.6	1
61	Determination of fentanyl and norfentanyl in cerumen in the setting of postmortem investigation. Journal of Forensic Sciences, 0, , .	1.6	1
62	Infantile Respiratory Distress Syndrome and Its Probable Links With Parameters of the Maternal Patient History. American Journal of Forensic Medicine and Pathology, 2016, 37, 67-69.	0.8	0
63	Intracellular Calcium Levels in Patients with Type 2 Diabetes, First-Degree Relatives of Patients with Type 2 Diabetes, and Age-Matched Controls. Diabetes, 2018, 67, .	0.6	0
64	DRUG DRIVING IN NORTHERN GREECE AMONG DRIVERS INVOLVED IN ROAD TRAFFIC ACCIDENTS. Romanian Journal of Legal Medicine, 2020, 28, 50-55.	0.3	0
65	Detection and determination of C12, C14, C16-alkyldimethylamines in human blood using gas chromatography-mass spectrometry. Rapid Communications in Mass Spectrometry, 2022, 36, e9303.	1.5	0