

# Leda Kovatsi

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

2,278  
citations

236925

25  
h-index

223800

46  
g-index

72  
all docs

72  
docs citations

72  
times ranked

3797  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardioprotective effects of hesperidin on carbon monoxide poisoned in rats. <i>Drug and Chemical Toxicology</i> , 2021, 44, 668-673.	2.3	26
2	Epigenetic mechanisms in nanomaterial toxicity. , 2021, , 451-457.		0
3	Common contributing factors to COVID-19 and inflammatory bowel disease. <i>Toxicology Reports</i> , 2021, 8, 1616-1637.	3.3	8
4	Global DNA methylation levels in white blood cells of patients with chronic heroin use disorder. A prospective study. <i>Toxicology Reports</i> , 2021, 8, 337-342.	3.3	4
5	Contributing factors common to COVID-19 and gastrointestinal cancer. <i>Oncology Reports</i> , 2021, 47, .	2.6	6
6	The role of MiRNA-21 in gliomas: Hope for a novel therapeutic intervention?. <i>Toxicology Reports</i> , 2020, 7, 1514-1530.	3.3	31
7	Exposure to cadmium and copper triggers cytotoxic effects and epigenetic changes in human colorectal carcinoma HT-29 cells. <i>Experimental and Therapeutic Medicine</i> , 2020, 21, 100.	1.8	12
8	Impact of vitamin D receptor gene polymorphisms on vitiligo susceptibility and clinical features in Southeastern European Caucasian population. <i>International Journal of Molecular Medicine</i> , 2020, 46, 1899-1907.	4.0	0
9	Impact of vitamin D receptor gene polymorphisms on vitiligo susceptibility and clinical features in Southeastern European Caucasian population. <i>International Journal of Molecular Medicine</i> , 2020, 46, 1899-1907.	4.0	3
10	Association of nutraceutical supplements with longer telomere length. <i>International Journal of Molecular Medicine</i> , 2019, 44, 218-226.	4.0	51
11	Translational Application of Circulating DNA in Oncology: Review of the Last Decades Achievements. <i>Cells</i> , 2019, 8, 1251.	4.1	53
12	A Mechanistic and Pathophysiological Approach for Stroke Associated with Drugs of Abuse. <i>Journal of Clinical Medicine</i> , 2019, 8, 1295.	2.4	89
13	Soil copper uptake by land snails: A semi-field experiment with juvenile <i>Cantareus aspersus</i> snails. <i>Environmental Toxicology and Pharmacology</i> , 2019, 72, 103243.	4.0	4
14	Smoking and DNA methylation: Correlation of methylation with smoking behavior and association with diseases and fetus development following prenatal exposure. <i>Food and Chemical Toxicology</i> , 2019, 129, 312-327.	3.6	28
15	Opioids and the hormone oxytocin. <i>Vitamins and Hormones</i> , 2019, 111, 195-225.	1.7	5
16	An imazamox-based herbicide causes apoptotic changes in rat liver and pancreas. <i>Toxicology Reports</i> , 2019, 6, 42-50.	3.3	20
17	Paraoxonase-1 genetic polymorphisms in organophosphate metabolism. <i>Toxicology</i> , 2019, 411, 24-31.	4.2	42
18	Short-term effects of very low dose cadmium feeding on copper, manganese and iron homeostasis: A gastropod perspective. <i>Environmental Toxicology and Pharmacology</i> , 2019, 65, 9-13.	4.0	13

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19	CpG Island Methylation Patterns in Relapsing-Remitting Multiple Sclerosis. <i>Journal of Molecular Neuroscience</i> , 2018, 64, 478-484.	2.3	27
20	Resting-state Abnormalities in Heroin-dependent Individuals. <i>Neuroscience</i> , 2018, 378, 113-145.	2.3	25
21	Age-dependent methylation in epigenetic clock CpGs is associated with G-quadruplex, co-transcriptionally formed RNA structures and tentative splice sites. <i>Epigenetics</i> , 2018, 13, 808-821.	2.7	11
22	The dose response principle from philosophy to modern toxicology: The impact of ancient philosophy and medicine in modern toxicology science. <i>Toxicology Reports</i> , 2018, 5, 1107-1113.	3.3	64
23	Population-Based Analysis of Cluster Headache-Associated Genetic Polymorphisms. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 367-376.	2.3	11
24	Severity of Withdrawal Symptoms, Plasma Oxytocin Levels, and Treatment Outcome in Heroin Users Undergoing Acute Withdrawal. <i>Journal of Psychoactive Drugs</i> , 2017, 49, 233-241.	1.7	14
25	CYP polymorphisms and pathological conditions related to chronic exposure to organochlorine pesticides. <i>Toxicology Reports</i> , 2017, 4, 335-341.	3.3	63
26	Global skin colour prediction from DNA. <i>Human Genetics</i> , 2017, 136, 847-863.	3.8	99
27	Worldwide legislative challenges related to psychoactive drugs. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2017, 25, 14.	2.0	51
28	The European Registered Toxicologist (ERT): Current status and prospects for advancement. <i>Toxicology Letters</i> , 2016, 259, 151-155.	0.8	4
29	Drugs of Abuse and DNA Methylation in the Brain. , 2016, , 137-143.		0
30	Direct UHPLC-DAD Method to Determine Asenapine, Paroxetine and Fluvoxamine in Human Blood Serum, Urine and Cerebrospinal Fluid. <i>Current Pharmaceutical Analysis</i> , 2016, 12, 349-356.	0.6	2
31	HPLC Analysis of Antipsychotic Asenapine in Alternative Biomatrices: Hair and Nail Clippings. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 1666-1670.	1.0	9
32	Epigenetic Fingerprint. , 2015, , 221-243.		1
33	Determination of Buprenorphine, Norbuprenorphine and Naloxone in Fingernail Clippings and Urine of Patients Under Opioid Substitution Therapy. <i>Journal of Analytical Toxicology</i> , 2015, 39, 313-320.	2.8	23
34	Simple UHPLC-DAD Method for the Direct Determination of Donepezil in Cerebrospinal Fluid. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 1068-1072.	1.0	2
35	The effect of opioid dependence on conventional and novel biochemical parameters of bone metabolism. <i>American Journal of Drug and Alcohol Abuse</i> , 2015, 41, 535-40.	2.1	4
36	Buprenorphine and norbuprenorphine levels in head hair samples from former heroin users under Suboxone® treatment. <i>Drug Testing and Analysis</i> , 2014, 6, 93-100.	2.6	16

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37	Hypospadias in offspring is associated with chronic exposure of parents to organophosphate and organochlorine pesticides. <i>Toxicology Letters</i> , 2014, 230, 139-145.	0.8	56
38	Developmental validation of the HlrisPlex system: DNA-based eye and hair colour prediction for forensic and anthropological usage. <i>Forensic Science International: Genetics</i> , 2014, 9, 150-161.	3.1	164
39	Epigenetically modified nucleotides in chronic heroin and cocaine treated mice. <i>Toxicology Letters</i> , 2014, 229, 451-457.	0.8	15
40	Toward Male Individualization with Rapidly Mutating Y-Chromosomal Short Tandem Repeats. <i>Human Mutation</i> , 2014, 35, 1021-1032.	2.5	151
41	The HlrisPlex system for simultaneous prediction of hair and eye colour from DNA. <i>Forensic Science International: Genetics</i> , 2013, 7, 98-115.	3.1	365
42	Histopathological lesions, oxidative stress and genotoxic effects in liver and kidneys following long term exposure of rabbits to diazinon and propoxur. <i>Toxicology</i> , 2013, 307, 109-114.	4.2	74
43	Effect of chronic heroin and cocaine administration on global DNA methylation in brain and liver. <i>Toxicology Letters</i> , 2013, 218, 260-265.	0.8	36
44	Recent advances in the bioanalysis of modified nucleotides in epigenetic studies. <i>Bioanalysis</i> , 2013, 5, 2947-2956.	1.5	2
45	Disposable pipette extraction for the simultaneous determination of biperiden and three antipsychotic drugs in human urine by GC- nitrogen phosphorus detection. <i>Bioanalysis</i> , 2013, 5, 21-29.	1.5	15
46	Alterations in serum MMP and TIMP concentrations following chronic heroin abuse. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 377-381.	2.7	14
47	A validated UHPLC-diode array detector method for the bioanalysis of atypical antipsychotics in whole blood, urine and cerebrospinal fluid following SPE. <i>Bioanalysis</i> , 2012, 4, 2929-2938.	1.5	10
48	Evaluation of 5-methyl-2'-deoxycytidine stability in hydrolyzed and nonhydrolyzed DNA by HPLC-UV. <i>Bioanalysis</i> , 2012, 4, 367-372.	1.5	7
49	Atypical antipsychotics: trends in analysis and sample preparation of various biological samples. <i>Bioanalysis</i> , 2012, 4, 961-980.	1.5	8
50	Alcohol Affects the Brain's Resting-State Network in Social Drinkers. <i>PLoS ONE</i> , 2012, 7, e48641.	2.5	31
51	A simple HPLC method for the simultaneous determination of two selective serotonin reuptake inhibitors and two serotonin/norepinephrine reuptake inhibitors in hair, nail clippings, and cerebrospinal fluid. <i>Journal of Separation Science</i> , 2012, 35, 839-845.	2.5	17
52	Novel strategies for sample preparation in forensic toxicology. <i>Bioanalysis</i> , 2011, 3, 2019-2046.	1.5	37
53	Epigenetic mechanisms in metal toxicity. <i>Toxicology Mechanisms and Methods</i> , 2011, 21, 343-352.	2.7	88
54	Launching the Greek forensic DNA database. The legal framework and arising ethical issues. <i>Forensic Science International: Genetics</i> , 2011, 5, 407-410.	3.1	13

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55	Editorial [Hot Topic:Epigenetic Mechanisms and Therapeutic Strategies (Guest Editors: Victoria) Tj ETQq1 1 0.7843] 14 rgBT /Overlock 10	2.4	17
56	Development and validation of a direct headspace GC-MS method for the determination of sevoflurane, desflurane and other volatile compounds of forensic interest in biological fluids: Application on clinical and post-mortem samples. <i>Journal of Separation Science</i> , 2011, 34, 1004-1010.	2.5	17
57	Disposable pipette extraction for gas chromatographic determination of codeine, morphine, and 6-acetylmorphine in vitreous humor. <i>Journal of Separation Science</i> , 2011, 34, 1716-1721.	2.5	26
58	Drugs of Abuse: Epigenetic Mechanisms in Toxicity and Addiction. <i>Current Medicinal Chemistry</i> , 2011, 18, 1765-1774.	2.4	24
59	A simple HPLC method for the simultaneous determination of venlafaxine and its major metabolite <i>O</i> -desmethylvenlafaxine in human serum. <i>Bioanalysis</i> , 2011, 3, 1713-1718.	1.5	9
60	Seeking the 5th Base of DNA Using Chromatographic Methods of Analysis. <i>Current Organic Chemistry</i> , 2010, 14, 2268-2281.	1.6	6
61	Development and Validation of a High-Performance Liquid Chromatography Method for the Evaluation of Niflumic Acid Cross-Reactivity of Two Commercial Immunoassays for Cannabinoids in Urine. <i>Journal of Analytical Toxicology</i> , 2010, 34, 229-232.	2.8	7
62	Evaluation of Prooxidant-Antioxidant Balance in Chronic Heroin Users in a Single Assay: An Identification Criterion For Antioxidant Supplementation. <i>American Journal of Drug and Alcohol Abuse</i> , 2010, 36, 228-232.	2.1	12
63	Isoprostane as a Marker of Oxidative Stress in Chronic Heroin Users: Correlation with Duration of Heroin Use or Concomitant Hepatitis C Infection. <i>American Journal of Drug and Alcohol Abuse</i> , 2010, 36, 13-17.	2.1	8
64	Association of Reduced Zinc Status With Angiographically Severe Coronary Atherosclerosis: A Pilot Study. <i>Angiology</i> , 2010, 61, 449-455.	1.8	27
65	<i>p16</i> promoter methylation in Pb <sup>2+</sup> -exposed individuals. <i>Clinical Toxicology</i> , 2010, 48, 124-128.	1.9	45
66	Population genetics of Y-chromosome STRs in a population of Northern Greeks. <i>Forensic Science International: Genetics</i> , 2009, 4, e21-e22.	3.1	28
67	Mitochondrial control region sequences from northern Greece and Greek Cypriots. <i>International Journal of Legal Medicine</i> , 2008, 122, 87-89.	2.2	47
68	Genetic variation for 15 autosomal STR loci (PowerPlex 16) in a population sample from northern Greece. <i>Forensic Science International</i> , 2006, 159, 61-63.	2.2	70
69	Influence of inositolhexaphosphoric acid (phytic acid) on the copper distribution in tissues and the excretion of copper in rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2001, 14, 193-197.	3.0	2
70	A rapid high performance liquid chromatographic (HPLC) assay for the determination of oxytetracycline in commercial pharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 23, 275-280.	2.8	21