

Mirta Milic

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

1,954
citations

218381

26
h-index

288905

40
g-index

103
all docs

103
docs citations

103
times ranked

2871
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | miRNAs: A potentially valuable tool in pesticide toxicology assessment-current experimental and epidemiological data review. <i>Chemosphere</i> , 2022, 295, 133792. | 4.2 | 7 |
| 2 | A pooled analysis of molecular epidemiological studies on modulation of DNA repair by host factors. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2022, 876-877, 503447. | 0.9 | 2 |
| 3 | Changes in anthropometric, biochemical, oxidative, and DNA damage parameters after 3-weeks-567-kcal-hospital-controlled-VLCD in severely obese patients with BMI ≥ 35 kg \cdot m $^{-2}$. <i>Clinical Nutrition ESPEN</i> , 2022, 49, 319-327. | 0.5 | 4 |
| 4 | Kidney cell DNA damage caused by combined exposure to volatile anaesthetics and 1 Gy or 2 Gy radiotherapy dose <i>in vivo</i> . <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2022, 73, 62-70. | 0.4 | 2 |
| 5 | DNA damage in dementia: Evidence from patients affected by severe Chronic Obstructive Pulmonary Disease (COPD) and meta-analysis of most recent literature. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2022, 878, 503499. | 0.9 | 3 |
| 6 | Effect of differently coated silver nanoparticles on hemostasis. <i>Platelets</i> , 2021, 32, 651-661. | 1.1 | 10 |
| 7 | Effects of low-level imidacloprid oral exposure on cholinesterase activity, oxidative stress responses, and primary DNA damage in the blood and brain of male Wistar rats. <i>Chemico-Biological Interactions</i> , 2021, 338, 109287. | 1.7 | 34 |
| 8 | The hCOMET project: International database comparison of results with the comet assay in human biomonitoring. Baseline frequency of DNA damage and effect of main confounders. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 787, 108371. | 2.4 | 45 |
| 9 | Response to the Letter to the Editor: The importance of genotoxicity studies for biomonitoring children exposed to X-ray. <i>European Journal of Radiology</i> , 2021, 135, 109506. | 1.2 | 0 |
| 10 | Skin Characteristics of Hairdresser Apprentices at the Beginning of Vocational Training. <i>Dermatitis</i> , 2021, 32, 437-443. | 0.8 | 6 |
| 11 | RENEB Inter-Laboratory comparison 2017: limits and pitfalls of ILCs. <i>International Journal of Radiation Biology</i> , 2021, 97, 888-905. | 1.0 | 13 |
| 12 | Interaction of Differently Coated Silver Nanoparticles With Skin and Oral Mucosal Cells. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 2250-2261. | 1.6 | 10 |
| 13 | Assessment of Cytogenetic Damage and Cholinesterases $\text{\textcircled{R}}$ Activity in Workers Occupationally Exposed to Pesticides in Zamora-Jacona, Michoacan, Mexico. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6269. | 1.2 | 9 |
| 14 | RENEB/EURADOS field exercise 2019: robust dose estimation under outdoor conditions based on the dicentric chromosome assay. <i>International Journal of Radiation Biology</i> , 2021, 97, 1181-1198. | 1.0 | 17 |
| 15 | Daily Vegetables Intake and Response to COPD Rehabilitation. The Role of Oxidative Stress, Inflammation and DNA Damage. <i>Nutrients</i> , 2021, 13, 2787. | 1.7 | 5 |
| 16 | DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. <i>Scientific Reports</i> , 2021, 11, 16793. | 1.6 | 36 |
| 17 | DNA damage assessment in peripheral blood of Swiss albino mice after combined exposure to volatile anesthetics and 1 or 2% Gy radiotherapy <i>in vivo</i> . <i>International Journal of Radiation Biology</i> , 2021, 97, 1425-1435. | 1.0 | 2 |
| 18 | Potential radioprotective properties of arbutin against ionising radiation on human leukocytes <i>in vitro</i> . <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2021, 872, 503413. | 0.9 | 2 |

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|----|---|-----|-----------|
| 19 | A Systematic Review of Studies on Genotoxicity and Related Biomarkers in Populations Exposed to Pesticides in Mexico. <i>Toxics</i> , 2021, 9, 272. | 1.6 | 12 |
| 20 | Assessment of transplacental and lactational genotoxicity of tembotrione in Wistar rats at different developmental stages by alkaline comet assay. <i>Toxicology</i> , 2021, 463, 152983. | 2.0 | 0 |
| 21 | Genotoxicity of Mercury and Its Derivatives Demonstrated In Vitro and In Vivo in Human Populations Studies. Systematic Review. <i>Toxics</i> , 2021, 9, 326. | 1.6 | 8 |
| 22 | Effects of a 3-Week Hospital-Controlled Very-Low-Calorie Diet in Severely Obese Patients. <i>Nutrients</i> , 2021, 13, 4468. | 1.7 | 4 |
| 23 | Neurotoxicity of silver nanoparticles stabilized with different coating agents: In vitro response of neuronal precursor cells. <i>Food and Chemical Toxicology</i> , 2020, 136, 110935. | 1.8 | 30 |
| 24 | DNA damage in kidney and parenchymal and non-parenchymal liver cells of adult Wistar rats after subchronic oral treatment with tembotrione. <i>Environmental Science and Pollution Research</i> , 2020, 27, 1800-1807. | 2.7 | 7 |
| 25 | Surface Stabilization Affects Toxicity of Silver Nanoparticles in Human Peripheral Blood Mononuclear Cells. <i>Nanomaterials</i> , 2020, 10, 1390. | 1.9 | 24 |
| 26 | Impact of surface functionalization on the toxicity and antimicrobial effects of selenium nanoparticles considering different routes of entry. <i>Food and Chemical Toxicology</i> , 2020, 144, 111621. | 1.8 | 28 |
| 27 | Minimum Information for Reporting on the Comet Assay (MIRCA): recommendations for describing comet assay procedures and results. <i>Nature Protocols</i> , 2020, 15, 3817-3826. | 5.5 | 189 |
| 28 | Environment Changes, Aflatoxins, and Health Issues, a Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7850. | 1.2 | 34 |
| 29 | Application of the buccal micronucleus cytome assay on child population exposed to sinus X-ray. <i>European Journal of Radiology</i> , 2020, 129, 109143. | 1.2 | 11 |
| 30 | The shape of titanium dioxide nanomaterials modulates their protection efficacy against ultraviolet light in human skin cells. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1. | 0.8 | 5 |
| 31 | Association between arsenic exposure and biomarkers of type 2 diabetes mellitus in a Croatian population: A comparative observational pilot study. <i>Science of the Total Environment</i> , 2020, 720, 137575. | 3.9 | 18 |
| 32 | Evaluation of oxidative stress responses and primary DNA damage in blood and brain of rats exposed to low levels of tembotrione. <i>Chemosphere</i> , 2020, 253, 126643. | 4.2 | 5 |
| 33 | Chromatographic Detection of 8-Hydroxy-2-Deoxyguanosine in Leukocytes of Asbestos Exposed Workers for Assessing Past and Recent Carcinogen Exposures. <i>Diagnostics</i> , 2020, 10, 239. | 1.3 | 0 |
| 34 | Biomonitoring findings for occupational lead exposure in battery and ceramic tile workers using biochemical markers, alkaline comet assay, and micronucleus test coupled with fluorescence <i>in situ</i> hybridisation. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2020, 71, 339-352. | 0.4 | 5 |
| 35 | Involvement of Ahr Pathway in Toxicity of Aflatoxins and Other Mycotoxins. <i>Frontiers in Microbiology</i> , 2019, 10, 2347. | 1.5 | 32 |
| 36 | Protein Corona Modulates Distribution and Toxicological Effects of Silver Nanoparticles In Vivo. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900174. | 1.2 | 18 |

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|----|--|-----|-----------|
| 37 | The comet assay in human biomonitoring: Technical and epidemiological perspectives. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 1-2. | 0.9 | 12 |
| 38 | Technical recommendations to perform the alkaline standard and enzyme-modified comet assay in human biomonitoring studies. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 24-32. | 0.9 | 58 |
| 39 | The comet assay in animal models: From bugs to whales “ (Part 2 Vertebrates). <i>Mutation Research - Reviews in Mutation Research</i> , 2019, 781, 130-164. | 2.4 | 46 |
| 40 | Biomarkers of DNA damage in COPD patients undergoing pulmonary rehabilitation: Integrating clinical parameters with genomic profiling. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 111-117. | 0.9 | 8 |
| 41 | Alkaline comet assay results on fresh and one-year frozen whole blood in small volume without cryo-protection in a group of people with different health status. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 3-10. | 0.9 | 18 |
| 42 | The comet assay in animal models: From bugs to whales “ (Part 1 Invertebrates). <i>Mutation Research - Reviews in Mutation Research</i> , 2019, 779, 82-113. | 2.4 | 66 |
| 43 | Assessment of Listerine Cool Mint mouthwash influence on possible DNA damage measured by buccal micronucleus cytochrome assay-preliminary results. <i>Genetics & Applications</i> , 2019, 3, 24. | 0.1 | 1 |
| 44 | Surface coating affects uptake of silver nanoparticles in neural stem cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 684-692. | 1.5 | 27 |
| 45 | Effects of the chloro-s-triazine herbicide terbuthylazine on DNA integrity in human and mouse cells. <i>Environmental Science and Pollution Research</i> , 2018, 25, 19065-19081. | 2.7 | 19 |
| 46 | Effect of alcohol dehydrogenase 1B and 7 polymorphisms on blood ethanol and acetaldehyde concentrations in healthy subjects with a history of moderate alcohol consumption. <i>Drug Testing and Analysis</i> , 2018, 10, 488-495. | 1.6 | 3 |
| 47 | Evaluation of chlorpyrifos toxicity through a 28-day study: Cholinesterase activity, oxidative stress responses, parent compound/metabolite levels, and primary DNA damage in blood and brain tissue of adult male Wistar rats. <i>Chemico-Biological Interactions</i> , 2018, 279, 51-63. | 1.7 | 55 |
| 48 | Oxidative stress, cholinesterase activity, and DNA damage in the liver, whole blood, and plasma of Wistar rats following a 28-day exposure to glyphosate. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2018, 69, 154-168. | 0.4 | 47 |
| 49 | Assessment of multiple anthropogenic contaminants and their potential genotoxicity in the aquatic environment of Plitvice Lakes National Park, Croatia. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 694. | 1.3 | 9 |
| 50 | DNA damage and genomic instability among workers formerly and currently exposed to asbestos. <i>Scandinavian Journal of Work, Environment and Health</i> , 2018, 44, 423-431. | 1.7 | 9 |
| 51 | 3-(2-deoxy- β -d-erythro-pentafuranosyl)pyrimido[1,2- β]purin-10(3H)-one deoxyguanosine adducts of workers exposed to asbestos fibers. <i>Toxicology Letters</i> , 2017, 270, 1-7. | 0.4 | 5 |
| 52 | The effect of insecticides chlorpyrifos, β -cypermethrin and imidacloprid on primary DNA damage, TP 53 and c-Myc structural integrity by comet-FISH assay. <i>Chemosphere</i> , 2017, 182, 332-338. | 4.2 | 15 |
| 53 | Effects of sub-chronic exposure to terbuthylazine on DNA damage, oxidative stress and parent compound/metabolite levels in adult male rats. <i>Food and Chemical Toxicology</i> , 2017, 108, 93-103. | 1.8 | 17 |
| 54 | Correlation of buccal micronucleus cytochrome assay parameters with arsenic and its species measured in urine from people in Eastern Croatia. <i>Toxicology Letters</i> , 2017, 280, S211. | 0.4 | 0 |

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|----|---|-----|-----------|
| 55 | Impact of surface functionalization on the uptake mechanism and toxicity effects of silver nanoparticles in HepG2 cells. <i>Food and Chemical Toxicology</i> , 2017, 107, 349-361. | 1.8 | 55 |
| 56 | Effects of low doses of glyphosate on DNA damage, cell proliferation and oxidative stress in the HepG2 cell line. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19267-19281. | 2.7 | 48 |
| 57 | Oxidative stress response in neural stem cells exposed to different superparamagnetic iron oxide nanoparticles. <i>International Journal of Nanomedicine</i> , 2016, 11, 1701. | 3.3 | 57 |
| 58 | Genotoxic effects of the carbamate insecticide Pirimor-50 [®] in <i>Vicia faba</i> root tip meristems and human lymphocyte culture after direct application and treatment with its metabolic extracts. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2016, 67, 266-276. | 0.4 | 6 |
| 59 | Frequency of micronuclei and other biomarkers of DNA damage in populations exposed to dusts, asbestos and other fibers. A systematic review. <i>Mutation Research - Reviews in Mutation Research</i> , 2016, 770, 106-118. | 2.4 | 16 |
| 60 | Inter-laboratory consistency and variability in the buccal micronucleus cytome assay depends on biomarker scored and laboratory experience: results from the HUMNxl international inter-laboratory scoring exercise. <i>Mutagenesis</i> , 2016, 32, gew047. | 1.0 | 23 |
| 61 | Cytotoxic, genotoxic and biochemical markers of insecticide toxicity evaluated in human peripheral blood lymphocytes and an HepG2 cell line. <i>Food and Chemical Toxicology</i> , 2016, 96, 90-106. | 1.8 | 48 |
| 62 | Assessment of genotoxicity of Lannate-90 [®] and its plant and animal metabolites in human lymphocyte cultures. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2016, 67, 116-125. | 0.4 | 6 |
| 63 | Assessment of oxidative stress responses and the cytotoxic and genotoxic potential of the herbicide tembotrione in HepG2 cells. <i>Food and Chemical Toxicology</i> , 2016, 94, 64-74. | 1.8 | 15 |
| 64 | Effect of charge and surface ligand properties of silver nanoparticles on toxicity in mammalian cells in vitro. <i>Toxicology Letters</i> , 2015, 238, S116. | 0.4 | 0 |
| 65 | Polymorphisms in DNA repair genes: link with biomarkers of the CBMN cytome assay in hospital workers chronically exposed to low doses of ionising radiation / Polimorfizmi u genima za popravak DNA: poveznica s biomarkerima mikronukleus-testa u medicinskih radnika kronično izloženi niskim dozama ionizirajućeg zračenja. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2015, 66, 109-120. | 0.4 | 15 |
| 66 | DNA damage in non-communicable diseases: A clinical and epidemiological perspective. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 776, 118-127. | 0.4 | 50 |
| 67 | A meta-analysis of biomarkers related to oxidative stress and nitric oxide pathway in migraine. <i>Cephalalgia</i> , 2015, 35, 931-937. | 1.8 | 61 |
| 68 | Worldwide interest in the comet assay: a bibliometric study. <i>Mutagenesis</i> , 2015, 30, 155-163. | 1.0 | 52 |
| 69 | Cellular uptake and toxicity effects of silver nanoparticles in mammalian kidney cells. <i>Journal of Applied Toxicology</i> , 2015, 35, 581-592. | 1.4 | 122 |
| 70 | Systems Biology and Systems Medicine: The Technological Tools of the System Approaches to Complexity. , 2014, 4, . | | 0 |
| 71 | Cholinergic Receptors as Target for Cancer Therapy in a Systems Medicine Perspective. <i>Current Molecular Medicine</i> , 2014, 14, 1126-1138. | 0.6 | 39 |
| 72 | Genome damage in testicular seminoma patients seven years after radiotherapy. <i>International Journal of Radiation Biology</i> , 2013, 89, 928-933. | 1.0 | 4 |

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|----|--|-----|-----------|
| 73 | Level of primary DNA damage in the early stage of metabolic syndrome. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 758, 1-5. | 0.9 | 16 |
| 74 | Evaluation of genotoxic effects of lead in pottery-glaze workers using micronucleus assay, alkaline comet assay and DNA diffusion assay. <i>International Archives of Occupational and Environmental Health</i> , 2012, 85, 807-818. | 1.1 | 34 |
| 75 | Fatty liver index as an indicator of metabolic syndrome. <i>Clinical Biochemistry</i> , 2012, 45, 68-71. | 0.8 | 24 |
| 76 | Su1209 Protective and Reparative Effect of Petadecapeptide BPC 157 on Mice Blood, Liver and Kidney Cells. <i>Gastroenterology</i> , 2012, 142, S-451. | 0.6 | 0 |
| 77 | Genotoxicity and effects of nanosilver contamination in drinking water disinfection. <i>Water Science and Technology: Water Supply</i> , 2012, 12, 829-836. | 1.0 | 3 |
| 78 | Long-Term Follow-Up Study of Genome Damage Elimination in Patients with Testicular Seminoma Exposed to Ionising Radiation during Radiotherapy. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2011, 62, 51-56. | 0.4 | 1 |
| 79 | Evaluation of lead exposure in battery manufacturing workers with focus on different biomarkers. <i>Journal of Applied Toxicology</i> , 2010, 30, 321-328. | 1.4 | 27 |
| 80 | Genomic instability in a healthy elderly population: a pilot study of possible cytogenetic markers related to ageing. <i>Mutagenesis</i> , 2010, 25, 455-462. | 1.0 | 21 |
| 81 | Blood selenium, glutathione peroxidase activity and antioxidant supplementation of subjects exposed to arsenic via drinking water. <i>Environmental Toxicology and Pharmacology</i> , 2010, 29, 138-143. | 2.0 | 8 |
| 82 | Correlation between folate and vitamin B ₁₂ , and markers of DNA stability in healthy men: preliminary results. <i>Acta Biochimica Polonica</i> , 2010, 57, 339-45. | 0.3 | 4 |
| 83 | The genotoxic risk in health care workers occupationally exposed to cytotoxic drugs – A comprehensive evaluation by the SCE assay. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2009, 44, 462-479. | 0.9 | 17 |
| 84 | Chromosome damage in workers in cigarette manufacturing industry. <i>Journal of Applied Toxicology</i> , 2008, 28, 399-404. | 1.4 | 16 |
| 85 | Correlation between frequency of micronuclei and status of folate and vitamin B12 in operating theatre staff. <i>Toxicology Letters</i> , 2008, 180, S74. | 0.4 | 0 |
| 86 | Correlations of blood lead in lead workers and the incidence of micronuclei. <i>Toxicology Letters</i> , 2007, 172, S117. | 0.4 | 0 |
| 87 | Micronuclei and trace elements in lead workers. <i>Toxicology Letters</i> , 2007, 172, S119-S120. | 0.4 | 0 |
| 88 | DNA damage in lymphocytes of lead workers determined by the alkaline comet assay. <i>Toxicology Letters</i> , 2007, 172, S122. | 0.4 | 1 |
| 89 | Fumonisin B1: Oxidative status and DNA damage in rats. <i>Toxicology</i> , 2007, 232, 163-169. | 2.0 | 39 |
| 90 | Irinotecan Toxicity to Human Blood Cells in vitro: Relationship between Various Biomarkers. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007, 100, 403-413. | 1.2 | 29 |

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|----|---|-----|-----------|
| 91 | Evaluation of apoptotic activity of mercury chloride by DNA diffusion assay. Toxicology Letters, 2006, 164, S194-S195. | 0.4 | 0 |
| 92 | Mercury chloride genotoxicity in human lymphocyte culture assessed by the alkaline comet assay. Toxicology Letters, 2006, 164, S195. | 0.4 | 1 |
| 93 | Mercury chloride genotoxicity evaluated by micronucleus test in human lymphocyte culture. Toxicology Letters, 2006, 164, S195. | 0.4 | 1 |
| 94 | Assessment of the radioprotective effects of amifostine and melatonin on human lymphocytes irradiated with gamma-rays in vitro. Arhiv Za Higijenu Rada I Toksikologiju, 2006, 57, 155-63. | 0.4 | 9 |
| 95 | Evaluation of in vitro genotoxic activity of bleomycin and mitomycin C in human lymphocytes using the alkaline comet assay. Arhiv Za Higijenu Rada I Toksikologiju, 2004, 55, 249-59. | 0.4 | 2 |
| 96 | The Influence of Individual Genome Sensitivity in DNA Damage Repair Assessment in Chronic Professional Exposure to Low Doses of Ionizing Radiation. , 0, , . | | 6 |
| 97 | DNA Damage and Glutathione Peroxidase Activity in Liver and Kidney Cells in Wistar Rats Exposed to Terbutylazine (TERB) for 28 Consecutive Days. , 0, , . | | 0 |