

Goran Gajski

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

3,038
citations

172386
29
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189801
50
g-index

103
all docs

103
docs citations

103
times ranked

4379
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Inflammatory, oxidative and DNA damage status in vegetarians: is the future of human diet green?. Critical Reviews in Food Science and Nutrition, 2023, 63, 3189-3221. | 5.4 | 7 |
| 2 | Long-term effects of melatonin and resveratrol on aging rats: A multi-biomarker approach. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2022, 876-877, 503443. | 0.9 | 2 |
| 3 | Marine toxin domoic acid induces moderate toxicological response in non-target HepG2 cells. Toxicology, 2022, 470, 153157. | 2.0 | 2 |
| 4 | Anisaxins, helical antimicrobial peptides from marine parasites, kill resistant bacteria by lipid extraction and membrane disruption. Acta Biomaterialia, 2022, 146, 131-144. | 4.1 | 15 |
| 5 | Probiotic and paraprobiotic derivatives exhibit anti-inflammatory and genoprotective effects in induced stress. Journal of Applied Microbiology, 2022, , . | 1.4 | 3 |
| 6 | Lactic acid bacteria isolated from equid milk and their extracellular metabolites show great probiotic properties and anti-inflammatory potential. International Dairy Journal, 2021, 112, 104828. | 1.5 | 23 |
| 7 | Deregulation of whole-transcriptome gene expression in zebrafish (Danio rerio) after chronic exposure to low doses of imatinib mesylate in a complete life cycle study. Chemosphere, 2021, 263, 128097. | 4.2 | 9 |
| 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. Mutation Research - Reviews in Mutation Research, 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. European Journal of Radiology, 2021, 135, 109506. | 1.2 | 0 |
| 10 | Collection and storage of human white blood cells for analysis of DNA damage and repair activity using the comet assay in molecular epidemiology studies. Mutagenesis, 2021, 36, 193-212. | 1.0 | 20 |
| 11 | Efficacy of Caffeic Acid on Diabetes and Its Complications in the Mouse. Molecules, 2021, 26, 3262. | 1.7 | 37 |
| 12 | DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. Scientific Reports, 2021, 11, 16793. | 1.6 | 36 |
| 13 | Selected polyoxopalladates as promising and selective antitumor drug candidates. Journal of Biological Inorganic Chemistry, 2021, 26, 957-971. | 1.1 | 9 |
| 14 | Application of the comet assay for the evaluation of DNA damage in mature sperm. Mutation Research - Reviews in Mutation Research, 2021, 788, 108398. | 2.4 | 12 |
| 15 | Optimization of a fast screening method for the assessment of low molecular weight thiols in human blood and plasma suitable for biomonitoring studies. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2020, 55, 275-280. | 0.9 | 4 |
| 16 | Application of the comet assay in human biomonitoring: An hCOMET perspective. Mutation Research - Reviews in Mutation Research, 2020, 783, 108288. | 2.4 | 95 |
| 17 | Application of the comet assay for the evaluation of DNA damage from frozen human whole blood samples: Implications for human biomonitoring. Toxicology Letters, 2020, 319, 58-65. | 0.4 | 25 |
| 18 | The genotoxicity of an organic solvent mixture: A human biomonitoring study and translation of a real-scenario exposure to in vitro. Regulatory Toxicology and Pharmacology, 2020, 116, 104726. | 1.3 | 6 |

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|----|--|-----|-----------|
| 19 | Melatonin supplementation over different time periods until ageing modulates genotoxic parameters in mice. <i>Mutagenesis</i> , 2020, 35, 465-478. | 1.0 | 8 |
| 20 | Marine toxin domoic acid induces in vitro genomic alterations in human peripheral blood cells. <i>Toxicol</i> , 2020, 187, 93-100. | 0.8 | 4 |
| 21 | 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 |
| 22 | Analytical techniques for multiplex analysis of protein biomarkers. <i>Expert Review of Proteomics</i> , 2020, 17, 257-273. | 1.3 | 60 |
| 23 | Sex-specific effects of vegetarian diet on adiponectin levels and insulin sensitivity in healthy non-obese individuals. <i>Nutrition</i> , 2020, 79-80, 110862. | 1.1 | 9 |
| 24 | 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 |
| 25 | Toxicity of Antineoplastic Drug Mixtures. , 2020, , 421-439. | | 2 |
| 26 | 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 |
| 27 | Radioprotective properties of food colorant sodium copper chlorophyllin on human peripheral blood cells in vitro. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 845, 403027. | 0.9 | 13 |
| 28 | 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 |
| 29 | Sex-dependent expression of metallothioneins MT1 and MT2 and concentrations of trace elements in rat liver and kidney tissues: Effect of gonadectomy. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 53, 98-108. | 1.5 | 12 |
| 30 | Evaluation of oxidative stress responses in human circulating blood cells after imatinib mesylate treatment “ Implications to its mechanism of action. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 1216-1221. | 1.2 | 13 |
| 31 | Copper(II) complexes with N- ² -methylsarcosinamide selective for human bladder cancer cells. <i>Inorganica Chimica Acta</i> , 2019, 488, 312-320. | 1.2 | 4 |
| 32 | Cytogenetic status of interventional radiology unit workers occupationally exposed to low-dose ionising radiation: A pilot study. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 46-51. | 0.9 | 22 |
| 33 | Genotoxic effects of neurotoxin N-methylamino-L-alanine in human peripheral blood cells. <i>Chemosphere</i> , 2019, 214, 623-632. | 4.2 | 10 |
| 34 | Genotoxicity assessment of a selected cytostatic drug mixture in human lymphocytes: A study based on concentrations relevant for occupational exposure. <i>Environmental Research</i> , 2018, 161, 26-34. | 3.7 | 12 |
| 35 | Seasonal variations as predictive factors of the comet assay parameters: a retrospective study. <i>Mutagenesis</i> , 2018, 33, 53-60. | 1.0 | 30 |
| 36 | Apigenin, a dietary flavonoid, induces apoptosis, DNA damage, and oxidative stress in human breast cancer MCF-7 and MDA MB-231 cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 537-550. | 1.4 | 58 |

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|----|--|-----|-----------|
| 37 | Antibacterial Activity Affected by the Conformational Flexibility in Glycineâ€“Lysine Based Î±-Helical Antimicrobial Peptides. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2924-2936. | 2.9 | 48 |
| 38 | Telomeres, Nutrition, and Longevity: Can We Really Navigate Our Aging?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 39-47. | 1.7 | 54 |
| 39 | Apigenin: A dietary flavonoid with diverse anticancer properties. <i>Cancer Letters</i> , 2018, 413, 11-22. | 3.2 | 253 |
| 40 | Cytokinesis-block micronucleus cytome assay parameters in peripheral blood lymphocytes of the general population: Contribution of age, sex, seasonal variations and lifestyle factors. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 561-570. | 2.9 | 50 |
| 41 | Designed peptide with a flexible central motif from ranatuerins adapts its conformation to bacterial membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2655-2668. | 1.4 | 8 |
| 42 | Analysis of health-related biomarkers between vegetarians and non-vegetarians: A multi-biomarker approach. <i>Journal of Functional Foods</i> , 2018, 48, 643-653. | 1.6 | 17 |
| 43 | <i>in vitro</i> effects of simultaneous exposure to platinum and cadmium on the activity of antioxidant enzymes and DNA damage and potential protective effects of selenium and zinc. <i>Drug and Chemical Toxicology</i> , 2017, 40, 228-234. | 1.2 | 14 |
| 44 | Assessment of the genotoxicity of the tyrosine kinase inhibitor imatinib mesylate in cultured fish and human cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 814, 14-21. | 0.9 | 20 |
| 45 | Environmental risk assessment of wastewaters from printed circuit board production: A multibiomarker approach using human cells. <i>Chemosphere</i> , 2017, 168, 1075-1081. | 4.2 | 7 |
| 46 | PGLa-H tandem-repeat peptides active against multidrug resistant clinical bacterial isolates. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 228-237. | 1.4 | 23 |
| 47 | Forgotten public health impacts of cancer â€“ an overview. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2017, 68, 287-297. | 0.4 | 31 |
| 48 | Chemotherapeutic potential of quercetin on human bladder cancer cells. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 776-781. | 0.9 | 29 |
| 49 | Combined cyto/genotoxic activity of a selected antineoplastic drug mixture in human circulating blood cells. <i>Chemosphere</i> , 2016, 165, 529-538. | 4.2 | 19 |
| 50 | Toxicological and chemical assessment of arsenic-contaminated groundwater after electrochemical and advanced oxidation treatments. <i>Science of the Total Environment</i> , 2016, 543, 147-154. | 3.9 | 13 |
| 51 | Melittin induced cytogenetic damage, oxidative stress and changes in gene expression in human peripheral blood lymphocytes. <i>Toxicon</i> , 2016, 110, 56-67. | 0.8 | 59 |
| 52 | Genotoxic potential of selected cytostatic drugs in human and zebrafish cells. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14739-14750. | 2.7 | 55 |
| 53 | Antitumour action on human glioblastoma A1235 cells through cooperation of bee venom and cisplatin. <i>Cytotechnology</i> , 2016, 68, 1197-1205. | 0.7 | 19 |
| 54 | Cytogenetic and oxidative status of human lymphocytes after exposure to clinically relevant concentrations of antimalarial drugs atovaquone and proguanil hydrochloride in vitro. <i>Fundamental and Clinical Pharmacology</i> , 2015, 29, 575-585. | 1.0 | 2 |

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|----|--|-----|-----------|
| 55 | Toxicity assessment of the water used for human consumption from the Cameron/Tuba City abandoned uranium mining area prior/after the combined electrochemical treatment/advanced oxidation. Environmental Science and Pollution Research, 2015, 22, 516-526. | 2.7 | 3 |
| 56 | In vitro genotoxicity of mycotoxins ochratoxin A and fumonisin B1 could be prevented by sodium copper chlorophyllin – Implication to their genotoxic mechanism. Food Chemistry, 2015, 170, 455-462. | 4.2 | 43 |
| 57 | Toxicological assessment and management options for boat pressure-washing wastewater. Ecotoxicology and Environmental Safety, 2015, 114, 164-170. | 2.9 | 3 |
| 58 | Assessment of toxicity and genotoxicity of low doses of 5-fluorouracil in zebrafish (Danio rerio) two-generation study. Water Research, 2015, 77, 201-212. | 5.3 | 81 |
| 59 | Toxicity and antioxidant capacity of Frangula alnus Mill. bark and its active component emodin. Regulatory Toxicology and Pharmacology, 2015, 73, 923-929. | 1.3 | 27 |
| 60 | Combined antitumor effects of bee venom and cisplatin on human cervical and laryngeal carcinoma cells and their drug resistant sublines. Journal of Applied Toxicology, 2014, 34, 1332-1341. | 1.4 | 21 |
| 61 | Evaluation of the in vitro cytogenotoxicity profile of antipsychotic drug haloperidol using human peripheral blood lymphocytes. Environmental Toxicology and Pharmacology, 2014, 38, 316-324. | 2.0 | 11 |
| 62 | Physico-chemical characterization and the in vitro genotoxicity of medical implants metal alloy (TiAlV) Tj ETQq0 0 0 rgBT /Overlock 10 Tf General Subjects, 2014, 1840, 565-576. | 1.1 | 21 |
| 63 | Î³-H2AX as a biomarker for DNA double-strand breaks in ecotoxicology. Ecotoxicology and Environmental Safety, 2014, 105, 13-21. | 2.9 | 57 |
| 64 | An alkaline comet assay study on the antimalarial drug atovaquone in human peripheral blood lymphocytes: a study based on clinically relevant concentrations. Journal of Applied Toxicology, 2013, 33, 56-62. | 1.4 | 3 |
| 65 | Presence of phthalate esters in intravenous solution evaluated using gas chromatography–mass spectrometry method. Journal of Applied Toxicology, 2013, 33, 214-219. | 1.4 | 14 |
| 66 | Melittin: A lytic peptide with anticancer properties. Environmental Toxicology and Pharmacology, 2013, 36, 697-705. | 2.0 | 225 |
| 67 | Carboplatin resistant human laryngeal carcinoma cells are cross resistant to curcumin due to reduced curcumin accumulation. Toxicology in Vitro, 2013, 27, 523-532. | 1.1 | 16 |
| 68 | Assessment of DNA damage and lipid peroxidation in diabetic mice: Effects of propolis and epigallocatechin gallate (EGCG). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 757, 36-44. | 0.9 | 57 |
| 69 | Toxicological characterization of the landfill leachate prior/after chemical and electrochemical treatment: A study on human and plant cells. Chemosphere, 2013, 93, 939-945. | 4.2 | 36 |
| 70 | Cytogenetic status of healthy children assessed with the alkaline comet assay and the cytokinesis-block micronucleus cytome assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 750, 55-62. | 0.9 | 27 |
| 71 | Chemical composition and genotoxicity assessment of sanitary landfill leachate from Rovinj, Croatia. Ecotoxicology and Environmental Safety, 2012, 78, 253-259. | 2.9 | 54 |
| 72 | Protective Effect of Gangliosides on DNA in Human Spermatozoa Exposed to Cryopreservation. Journal of Andrology, 2012, 33, 1016-1024. | 2.0 | 14 |

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|----|---|-----|-----------|
| 73 | Presence of Dichlorodiphenyltrichloroethane (DDT) in Croatia and Evaluation of Its Genotoxicity. , 2012, , . | | 0 |
| 74 | Alterations of GSH and MDA levels and their association with bee venomâ€induced DNA damage in human peripheral blood leukocytes. Environmental and Molecular Mutagenesis, 2012, 53, 469-477. | 0.9 | 25 |
| 75 | Chemical and toxicological characterization of the bricks produced from clay/sewage sludge mixture. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 1521-1527. | 0.9 | 4 |
| 76 | Cytogenetic status of human lymphocytes after exposure to low concentrations of p,pâ€ ² -DDT, and its metabolites (p,pâ€ ² -DDE, and p,pâ€ ² -DDD) in vitro. Chemosphere, 2012, 87, 1288-1294. | 4.2 | 19 |
| 77 | Bee venom induced cytogenetic damage and decreased cell viability in human white blood cells after treatment in vitro: A multi-biomarker approach. Environmental Toxicology and Pharmacology, 2011, 32, 201-211. | 2.0 | 23 |
| 78 | Cytogenotoxicity of sewage sludge leachate before and after calcium oxide-based solidification in human lymphocytes. Ecotoxicology and Environmental Safety, 2011, 74, 1408-1415. | 2.9 | 19 |
| 79 | Microcystin-LR induced DNA damage in human peripheral blood lymphocytes. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 726, 116-122. | 0.9 | 46 |
| 80 | Cylindrospermopsin induced DNA damage and alteration in the expression of genes involved in the response to DNA damage, apoptosis and oxidative stress. Toxicon, 2011, 58, 471-479. | 0.8 | 68 |
| 81 | DNA-protective effects of quercetin or naringenin in alloxan-induced diabetic mice. European Journal of Pharmacology, 2011, 656, 110-118. | 1.7 | 91 |
| 82 | Assessment of cytogenetic damage and oxidative stress in personnel occupationally exposed to the pulsed microwave radiation of marine radar equipment. International Journal of Hygiene and Environmental Health, 2011, 214, 59-65. | 2.1 | 53 |
| 83 | Application of dosimetry systems and cytogenetic status of the child population exposed to diagnostic Xâ€™rays by use of the cytokinesisâ€block micronucleus cytome assay. Journal of Applied Toxicology, 2011, 31, 608-617. | 1.4 | 23 |
| 84 | Ganglioside GT1b protects human spermatozoa from hydrogen peroxideâ€induced DNA and membrane damage. Journal of Developmental and Physical Disabilities, 2010, 33, 536-544. | 3.6 | 16 |
| 85 | Increased frequency of sister chromatid exchanges and decrease in cell viability and proliferation kinetics in human peripheral blood lymphocytes after in vitro exposure to whole bee venom. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 1654-1659. | 0.9 | 6 |
| 86 | In vitro effect of the antimalarial drug proguanil hydrochloride on viability and DNA damage in human peripheral blood lymphocytes. Environmental Toxicology and Pharmacology, 2010, 30, 257-263. | 2.0 | 6 |
| 87 | In vitro assessment of genotoxic effects of electric arc furnace dust on human lymphocytes using the alkaline comet assay. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2009, 44, 279-287. | 0.9 | 7 |
| 88 | Radioprotective Effects of Honeybee Venom (<i>Apis mellifera</i>) Against 915-MHz Microwave Radiationâ€Induced DNA Damage in Wistar Rat Lymphocytes: In Vitro Study. International Journal of Toxicology, 2009, 28, 88-98. | 0.6 | 55 |
| 89 | Primary DNA Damage Assessed With the Comet Assay and Comparison to the Absorbed Dose of Diagnostic X-rays in Children. International Journal of Toxicology, 2009, 28, 405-416. | 0.6 | 14 |
| 90 | Usage of the standard and modified comet assay in assessment of DNA damage in human lymphocytes after exposure to ionizing radiation. Radiology and Oncology, 2009, 43, . | 0.6 | 13 |

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|----|---|-----|-----------|
| 91 | Evaluation of the Cytogenetic Status of Human Lymphocytes After Exposure to a High Concentration of Bee Venom In Vitro. Arhiv Za Higijenu Rada I Toksikologiju, 2009, 60, 27-34. | 0.4 | 28 |
| 92 | Cytogenetic status and oxidative DNA-damage induced by atorvastatin in human peripheral blood lymphocytes: Standard and Fpg-modified comet assay. Toxicology and Applied Pharmacology, 2008, 231, 85-93. | 1.3 | 62 |
| 93 | Genotoxicity of honeybee venom in human lymphocytes using Comet assay. Toxicology Letters, 2008, 180, S104. | 0.4 | 0 |
| 94 | Oxidative stress in workers occupationally exposed to microwave radiation. Toxicology Letters, 2008, 180, S38-S39. | 0.4 | 1 |
| 95 | Genotoxic potential of bee venom (<i>Apis Mellifera</i>) on human peripheral blood lymphocytes <i>in vitro</i> using single cell gel electrophoresis assay. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 1279-1287. | 0.9 | 21 |
| 96 | Efficacy of HUMN criteria for scoring the micronucleus assay in human lymphocytes exposed to a low concentration of p,p'-DDT. Brazilian Journal of Medical and Biological Research, 2008, 41, 473-476. | 0.7 | 19 |
| 97 | Application of cytogenetic endpoints and comet assay on human lymphocytes treated with atorvastatin <i>in vitro</i> . Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2007, 43, 78-85. | 0.9 | 10 |
| 98 | Use of sensitive methods for detection of DNA damage on human lymphocytes exposed to p,p'-DDT: Comet assay and new criteria for scoring micronucleus test. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2007, 42, 607-613. | 0.7 | 11 |
| 99 | Application of Comet assay on human lymphocytes treated with atorvastatin in vitro. Toxicology Letters, 2007, 172, S169. | 0.4 | 0 |