# Helga Stopper

List of Publications by Year
in descending order

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|---|---|---|---|
| 142 papers | 4,819 citations | 81900 39 h-index | 118850 62 g-index |
| 148 all docs | 148 docs citations | 148 times ranked | 5756 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The HUman MicroNucleus project on eXfoLiated buccal cells (HUMNXL): The role of life-style, host factors, occupational exposures, health status, and assay protocol. Mutation Research - Reviews in Mutation Research, 2011, 728, 88-97. | 5.5 | 310 |
| 2 | Minimum Information for Reporting on the Comet Assay (MIRCA): recommendations for describing comet assay procedures and results. Nature Protocols, 2020, 15, 3817-3826. | 12.0 | 189 |
| 3 | Selenium Supplementation Restores the Antioxidative Capacity and Prevents Cell Damage in Bone Marrow Stromal Cells In Vitro. Stem Cells, 2006, 24, 1226-1235. | 3.2 | 171 |
| 4 | Evaluation of the in vitro micronucleus test as an alternative to the in vitro chromosomal aberration assay: position of the GUM working group on the in vitro micronucleus test. Mutation Research - Reviews in Mutation Research, 1998, 410, 81-116. | 5.5 | 159 |
| 5 | Genotoxicity of several clinically used topoisomerase II inhibitors. Toxicology Letters, 2000, 116, 7-16. | 0.8 | 159 |
| 6 | Genotoxicity of phytoestrogens. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 574, 139-155. | 1.0 | 131 |
| 7 | Genotoxicity of the laxative drug components emodin, aloe-emodin and danthron in mammalian cells: Topoisomerase II mediated?. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1996, 371, 165-173. | 1.2 | 129 |
| 8 | Fate of micronuclei and micronucleated cells. Mutation Research - Reviews in Mutation Research, 2017, 771, 85-98. | 5.5 | 117 |
| 9 | Assaying the estrogenicity of phytoestrogens in cells of different estrogen sensitive tissues. Toxicology in Vitro, 2001, 15, 433-439. | 2.4 | 113 |
| 10 | Occurrence of Emodin, Chrysophanol and Physcion in Vegetables, Herbs and Liquors. Genotoxicity and Anti-genotoxicity of the Anthraquinones and of the Whole Plants. Food and Chemical Toxicology, 1999, 37, 481-491. | 3.6 | 111 |
| 11 | Genotoxicity of advanced glycation end products in mammalian cells. Cancer Letters, 2003, 190, 151-156. | 7.2 | 107 |
| 12 | Patulin: Mechanism of genotoxicity. Food and Chemical Toxicology, 2012, 50, 1796-1801. | 3.6 | 91 |
| 13 | Micronuclei as a biological endpoint for genotoxicity: A minireview. Toxicology in Vitro, 1997, 11, 661-667. | 2.4 | 87 |
| 14 | Estrogenic Activity of Naturally Occurring Anthocyanidins. Nutrition and Cancer, 2001, 41, 145-149. | 2.0 | 81 |
| 15 | Hormonal and genotoxic activity of resveratrol. Toxicology Letters, 2002, 136, 133-142. | 0.8 | 80 |
| 16 | In vitro micronucleus assay with Chinese hamster V79 cells â€" results of a collaborative study with in situ exposure to 26 chemical substances. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2000, 468, 137-163. | 1.7 | 79 |
| 17 | Comet-assay analysis identifies genomic damage in lymphocytes of uremic patients. American Journal of Kidney Diseases, 2001, 38, 296-301. | 1.9 | 71 |
| 18 | Characterization of the genotoxicity of anthraquinones in mammalian cells. Biochimica Et Biophysica Acta - General Subjects, 1999, 1428, 406-414. | 2.4 | 69 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Increased genomic damage in lymphocytes of patients before and after long-term maintenance hemodialysis therapy. American Journal of Kidney Diseases, 1999, 34, 433-437. | 1.9 | 68 |
| 20 | Mineralocorticoid receptorâ€mediated DNA damage in kidneys of DOCAâ€salt hypertensive rats. FASEB Journal, 2011, 25, 968-978. | 0.5 | 65 |
| 21 | Rosuvastatin protects against oxidative stress and DNA damage in vitro via upregulation of glutathione synthesis. Atherosclerosis, 2008, 199, 278-287. | 0.8 | 64 |
| 22 | Antiproliferative Effects of Fluoxetine on Colon Cancer Cells and in a Colonic Carcinogen Mouse Model. PLoS ONE, 2012, 7, e50043. | 2.5 | 51 |
| 23 | Marine Sponge-Derived Streptomyces sp. SBT343 Extract Inhibits Staphylococcal Biofilm Formation. Frontiers in Microbiology, 2017, 8, 236. | 3.5 | 50 |
| 24 | Genotoxicity of Advanced Glycation End Products: Involvement of Oxidative Stress and of Angiotensin II Type 1 Receptors. Annals of the New York Academy of Sciences, 2005, 1043, 685-695. | 3.8 | 47 |
| 25 | DNA Damage in Chronic Kidney Disease: Evaluation of Clinical Biomarkers. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-10. | 4.0 | 47 |
| 26 | Genomic damage and circulating AGE levels in patients undergoing daily versus standard haemodialysis. Nephrology Dialysis Transplantation, 2005, 20, 1936-1943. | 0.7 | 46 |
| 27 | Angiotensin II induces DNA damage via AT1 receptor and NADPH oxidase isoform Nox4. Mutagenesis, 2012, 27, 673-681. | 2.6 | 46 |
| 28 | Angiotensin II Induces DNA Damage in the Kidney. Cancer Research, 2008, 68, 9239-9246. | 0.9 | 45 |
| 29 | Reduction of the genomic damage level in haemodialysis patients by folic acid and vitamin B12 supplementation. Nephrology Dialysis Transplantation, 2008, 23, 3272-3279. | 0.7 | 45 |
| 30 | 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. | 5.5 | 45 |
| 31 | Terahertz Electromagnetic Fields (0.106 THz) Do Not Induce Manifest Genomic Damage In Vitro. PLoS ONE, 2012, 7, e46397. | 2.5 | 45 |
| 32 | Isolation of Petrocidin A, a New Cytotoxic Cyclic Dipeptide from the Marine Sponge-Derived Bacterium Streptomyces sp. SBT348. Marine Drugs, 2017, 15, 383. | 4.6 | 44 |
| 33 | Measurement of genotoxicity in wastewater samples with the in vitro micronucleus testâ€"Results of a round-robin study in the context of standardisation according to ISO. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 649, 15-27. | 1.7 | 43 |
| 34 | Does Methylphenidate Cause a Cytogenetic Effect in Children with Attention Deficit Hyperactivity Disorder?. Environmental Health Perspectives, 2007, 115, 936-940. | 6.0 | 42 |
| 35 | Aldosterone induces oxidative stress, oxidative DNA damage and NF-Î°B-activation in kidney tubule cells. Molecular Carcinogenesis, 2011, 50, 123-135. | 2.7 | 42 |
| 36 | Measurement of DNA damage with the comet assay in high-prevalence diseases: current status and future directions. Mutagenesis, 2020, 35, 5-18. | 2.6 | 41 |

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|---|---|---|---|
| 37 | The use of L5178Y mouse lymphoma cells to assess the mutagenic, clastogenic and aneugenic properties of chemicals. Mutagenesis, 1995, 10, 403-408. | 2.6 | 40 |
| 38 | Benfotiamine reduces genomic damage in peripheral lymphocytes of hemodialysis patients. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 378, 283-291. | 3.0 | 40 |
| 39 | Insulin mediated DNA damage in mammalian colon cells and human lymphocytes in vitro. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2013, 745-746, 34-39. | 1.0 | 40 |
| 40 | Evaluation of the reticulocyte micronucleus assay in patients treated with radioiodine for thyroid cancer. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 583, 12-25. | 1.7 | 39 |
| 41 | Two new antioxidant actinosporin analogues from the calcium alginate beads culture of sponge-associated Actinokineospora sp. strain EG49. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5089-5092. | 2.2 | 37 |
| 42 | DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. Scientific Reports, 2021, 11, 16793. | 3.3 | 36 |
| 43 | Micronucleus frequency in buccal mucosa cells of mobile phone users. Toxicology Letters, 2010, 193, 124-130. | 0.8 | 34 |
| 44 | Effect of Different Hemodialysis Regimens on Genomic Damage in End-Stage Renal Failure. Seminars in Nephrology, 2006, 26, 28-32. | 1.6 | 33 |
| 45 | The Plant Hormone Cytokinin Confers Protection against Oxidative Stress in Mammalian Cells. PLoS ONE, 2016, 11, e0168386. | 2.5 | 33 |
| 46 | Potassium bromate as positive assay control for the Fpg-modified comet assay. Mutagenesis, 2020, 35, 341-348. | 2.6 | 32 |
| 47 | Cell-cycle dependent micronucleus formation and mitotic disturbances induced by 5-azacytidine in mammalian cells. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1993, 300, 165-177. | 1.2 | 31 |
| 48 | Is micronucleus induction by aneugens an early event leading to mutagenesis?. Mutagenesis, 1994, 9, 411-416. | 2.6 | 31 |
| 49 | Pilot study for comparison of reticulocyte-micronulei with lymphocyte-micronuclei in human biomonitoring. Toxicology Letters, 2005, 156, 351-360. | 0.8 | 31 |
| 50 | Antigenotoxic effects of the phytoestrogen pelargonidin chloride and the polyphenol chlorogenic acid. Molecular Nutrition and Food Research, 2007, 51, 880-887. | 3.3 | 31 |
| 51 | Genomic Damage in Endstage Renal Diseaseâ€"Contribution of Uremic Toxins. Toxins, 2010, 2, 2340-2358. | 3.4 | 29 |
| 52 | Increased formation of micronuclei after hormonal stimulation of cell proliferation in human breast cancer cells. Mutagenesis, 2001, 16, 209-212. | 2.6 | 28 |
| 53 | Impact of weight loss induced by gastric bypass or caloric restriction on oxidative stress and genomic damage in obese Zucker rats. Free Radical Biology and Medicine, 2016, 94, 208-217. | 2.9 | 28 |
| 54 | Role of PTEN in Oxidative Stress and DNA Damage in the Liver of Whole-Body Pten Haplodeficient Mice. PLoS ONE, 2016, 11, e0166956. | 2.5 | 28 |

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|---|---|---|---|
| 55 | 5-Azacytidine induces micronuclei in and morphological transformation of Syrian hamster embryo fibroblasts in the absence of unscheduled DNA synthesis. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 283, 21-28. | 1.1 | 26 |
| 56 | Genotoxic activity of four metabolites of the soy isoflavone daidzein. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 542, 43-48. | 1.7 | 26 |
| 57 | Relation between Different Treatment Modalities and Genomic Damage of End-Stage Renal Failure Patients. Kidney and Blood Pressure Research, 2006, 29, 10-17. | 2.0 | 25 |
| 58 | No elevated genomic damage in children and adolescents with attention deficit/hyperactivity disorder after methylphenidate therapy. Toxicology Letters, 2009, 184, 38-43. | 0.8 | 25 |
| 59 | Signaling steps in the induction of genomic damage by insulin in colon and kidney cells. Free Radical Biology and Medicine, 2014, 68, 247-257. | 2.9 | 24 |
| 60 | Different Types of Combination Effects for the Induction of Micronuclei in Mouse Lymphoma Cells by Binary Mixtures of the Genotoxic Agents MMS, MNU, and Genistein. Toxicological Sciences, 2005, 86, 318-323. | 3.1 | 23 |
| 61 | Analysis of in vitro chemoprevention of genotoxic damage by phytochemicals, as single agents or as combinations. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 744, 117-124. | 1.7 | 23 |
| 62 | Genomic damage in end-stage renal failure: Potential involvement of advanced glycation end products and carbonyl stress. Seminars in Nephrology, 2004, 24, 474-478. | 1.6 | 22 |
| 63 | Insulin-Mediated Oxidative Stress and DNA Damage in LLC-PK1 Pig Kidney Cell Line, Female Rat Primary Kidney Cells, and Male ZDF Rat Kidneys In Vivo. Endocrinology, 2013, 154, 1434-1443. | 2.8 | 22 |
| 64 | Effect of Radiofrequency Radiation on Human Hematopoietic Stem Cells. Radiation Research, 2016, 186, 455-465. | 1.5 | 22 |
| 65 | No increased chromosomal damage in l-DOPA-treated patients with Parkinsonâ€™s disease: a pilot study. Journal of Neural Transmission, 2010, 117, 737-746. | 2.8 | 21 |
| 66 | Aldosterone increases kidney tubule cell oxidants through calcium-mediated activation of NADPH oxidase and nitric oxide synthase. Free Radical Biology and Medicine, 2011, 51, 1996-2006. | 2.9 | 21 |
| 67 | â€œMicronuclei and Diseaseâ€•special issue: Aims, scope, and synthesis of outcomes. Mutation Research - Reviews in Mutation Research, 2021, 788, 108384. | 5.5 | 21 |
| 68 | Cytotoxic versus genotoxic effects of nitric oxide (NO). Toxicology Letters, 1999, 106, 59-67. | 0.8 | 20 |
| 69 | Genomic damage in chronic renal failureâ€”potential therapeutic interventions. , 2005, 15, 81-86. | | 20 |
| 70 | Brief review of available evidence concerning the potential induction of genomic damage by methylphenidate. Journal of Neural Transmission, 2008, 115, 331-334. | 2.8 | 20 |
| 71 | Reduction of DNA damage in peripheral lymphocytes of obese patients after bariatric surgery-mediated weight loss. Mutagenesis, 2018, 33, 61-67. | 2.6 | 20 |
| 72 | 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. | 2.6 | 20 |

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|---|---|---|---|
| 73 | Integrated structural and functional analysis of the protective effects of kinetin against oxidative stress in mammalian cellular systems. Scientific Reports, 2020, 10, 13330. | 3.3 | 18 |
| 74 | Hepatocyte death following transforming growth factor-Î²1 addition. , 1996, 34, 247-258. | | 17 |
| 75 | Induction of micronuclei by four cytostatic compounds in human hematopoietic stem cells and human lymphoblastoid TK6 cells. Scientific Reports, 2018, 8, 3371. | 3.3 | 17 |
| 76 | Deviation from additivity in mixture toxicity: relevance of nonlinear dose-response relationships and cell line differences in genotoxicity assays with combinations of chemical mutagens and gamma-radiation.. Environmental Health Perspectives, 2002, 110, 915-918. | 6.0 | 16 |
| 77 | Anti-genotoxicity of coffee against N-methyl-N-nitro-N-nitrosoguanidine in mouse lymphoma cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 561, 23-33. | 1.7 | 16 |
| 78 | Prospective follow-up studies found no chromosomal mutagenicity of methylphenidate therapy in ADHD affected children. Toxicology Letters, 2010, 193, 4-8. | 0.8 | 16 |
| 79 | Effect of cryopreservation on DNA damage and DNA repair activity in human blood samples in the comet assay. Archives of Toxicology, 2021, 95, 1831-1841. | 4.2 | 16 |
| 80 | Induction of micronuclei in human cell lines and primary cells by combination treatment with gamma-radiation and ethyl methanesulfonate. Mutagenesis, 2002, 17, 177-181. | 2.6 | 15 |
| 81 | New Approaches for the Treatment of Genomic Damage in End-Stage Renal Disease. , 2008, 18, 127-133. | | 15 |
| 82 | Metformin Protects Kidney Cells From Insulin-Mediated Genotoxicity In Vitro and in Male Zucker Diabetic Fatty Rats. Endocrinology, 2016, 157, 548-559. | 2.8 | 15 |
| 83 | Micronucleus induction by neocarzinostatin and methyl methanesulfonate in ionizing radiation â€“ sensitive Chinese hamster V79 cell mutants. Mutation Research DNA Repair, 1997, 383, 107-112. | 3.7 | 14 |
| 84 | Are topoisomerase II inhibitor-induced micronuclei in vitro a predictive marker for the compounds' ability to cause secondary leukemias after treatment?. Toxicology Letters, 1999, 104, 103-110. | 0.8 | 14 |
| 85 | The Role of the Dopamine Transporter in Dopamineâ€Induced DNA Damage. Brain Pathology, 2011, 21, 237-248. | 4.1 | 14 |
| 86 | Decreased Chromosomal Damage in Lymphocytes of Obese Patients After Bariatric Surgery. Scientific Reports, 2018, 8, 11195. | 3.3 | 14 |
| 87 | Use of micronucleus assays for the prediction and detection of cervical cancer: a meta-analysis. Carcinogenesis, 2020, 41, 1318-1328. | 2.8 | 14 |
| 88 | Genotoxicity of selected pyrrolizidine alkaloids in human hepatoma cell lines HepG2 and Huh6. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2021, 861-862, 503305. | 1.7 | 14 |
| 89 | Estrogenic Activity of Naturally Occurring Anthocyanidins. Nutrition and Cancer, 2001, 41, 145-149. | 2.0 | 14 |
| 90 | Studies on cytotoxic and genotoxic effects of N-hydroxypyridine-2-thione (Omadine) in L5178Y mouse lymphoma cells. Toxicology Letters, 2002, 136, 77-84. | 0.8 | 13 |

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|---|---|---|---|
| 91 | Biological significance of DNA adducts investigated by simultaneous analysis of different endpoints of genotoxicity in L5178Y mouse lymphoma cells treated with methyl methanesulfonate. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 625, 94-101. | 1.0 | 13 |
| 92 | Micronucleus formation kinetics in buccal mucosa cells of head and neck cancer patients undergoing radiotherapy. Toxicology Letters, 2012, 212, 33-37. | 0.8 | 13 |
| 93 | Antigenotoxic effects of resveratrol: assessment ofin vitroandin vivoresponse. Mutagenesis, 2016, 31, gev048. | 2.6 | 13 |
| 94 | Hyperthermia-induced micronucleus formation in a human keratinocyte cell line. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 738-739, 71-74. | 1.0 | 12 |
| 95 | Oxidative stress and DNA damage in peripheral blood mononuclear cells from normal, obese, prediabetic and diabetic persons exposed to adrenaline in vitro. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 843, 81-89. | 1.7 | 12 |
| 96 | Influence of bariatric surgery induced weight loss on oxidative DNA damage. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 853, 503194. | 1.7 | 12 |
| 97 | Cell survival after DNA damage in the comet assay. Archives of Toxicology, 2021, 95, 3803-3813. | 4.2 | 12 |
| 98 | Homocysteine exerts genotoxic and antioxidative effects in vitro. Toxicology in Vitro, 2007, 21, 1402-1408. | 2.4 | 11 |
| 99 | Long-term fate of etoposide-induced micronuclei and micronucleated cells in Hela-H2B-GFP cells. Archives of Toxicology, 2020, 94, 3553-3561. | 4.2 | 11 |
| 100 | Recommendations and quality criteria for micronucleus studies with humans. Mutation Research - Reviews in Mutation Research, 2022, 789, 108410. | 5.5 | 11 |
| 101 | Helicobacter pylori induces DNA damage in vitro. Cancer Letters, 2000, 152, 145-149. | 7.2 | 10 |
| 102 | Cytotoxicity and genotoxicity induced by the photochemical alkoxyl radical source N-tert-butoxypyridine-2-thione in L5178Y mouse lymphoma cells under UVA irradiation. Free Radical Biology and Medicine, 2005, 39, 473-482. | 2.9 | 10 |
| 103 | A systematic review of the use of the alkaline comet assay for genotoxicity studies in human colon-derived cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 845, 402976. | 1.7 | 10 |
| 104 | genotoxic effects induced by Î²-oestradiol in vitro. Toxicology in Vitro, 1996, 10, 637-642. | 2.4 | 9 |
| 105 | Formation of Micronuclei and Inhibition of Topoisomerase II in the Comet Assay in Mammalian Cells with Altered DNA Methylation. Recent Results in Cancer Research, 1997, 143, 183-193. | 1.8 | 9 |
| 106 | Coffee-mediated protective effects against directly acting genotoxins and gamma-radiation in mouse lymphoma cells. Cell Biology and Toxicology, 2004, 20, 121-132. | 5.3 | 9 |
| 107 | Ochratoxin A induces global DNA hypomethylation and oxidative stress in neuronal cells in vitro. Mycotoxin Research, 2020, 36, 73-81. | 2.3 | 9 |
| 108 | Stabilization of Delphinidin in Complex with Sulfobutylether-Î²-Cyclodextrin Allows for Antinociception in Inflammatory Pain. Antioxidants and Redox Signaling, 2021, 34, 1260-1279. | 5.4 | 9 |

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|---|---|---|---|
| 109 | Impact of infections, preneoplasia and cancer on micronucleus formation in urothelial and cervical cells: A systematic review. Mutation Research - Reviews in Mutation Research, 2021, 787, 108361. | 5.5 | 9 |
| 110 | Cytotoxic and Genotoxic Effects of Paclitaxel (TaxolÂ®) and Radiation in a Squamous Cell Carcinoma Cell Line of the Larynx. Acta Oto-Laryngologica, 1998, 118, 600-605. | 0.9 | 8 |
| 111 | Genotoxicity of the neurotransmitter dopamine in vitro. Toxicology in Vitro, 2009, 23, 640-646. | 2.4 | 8 |
| 112 | AT1 Receptor Antagonist Candesartan Attenuates Genomic Damage in Peripheral Blood Lymphocytes of Patients on Maintenance Hemodialysis Treatment. Kidney and Blood Pressure Research, 2011, 34, 167-172. | 2.0 | 8 |
| 113 | in vitro genotoxic and mutagenic evaluation of the aqueous extract of Codiaeum variegatum and its amoebicidal sub-fraction. Journal of Ethnopharmacology, 2014, 155, 823-829. | 4.1 | 8 |
| 114 | Cytogenetic Effects of Chronic Methylphenidate Treatment and Chronic Social Stress in Adults with Attention-Deficit/Hyperactivity Disorder. Pharmacopsychiatry, 2016, 49, 146-154. | 3.3 | 8 |
| 115 | The influence of DNA methylation on topoisomerase II activity and its possible link with genomic instability in different cell lines of the syrian hamster. Toxicology in Vitro, 1995, 9, 519-525. | 2.4 | 7 |
| 116 | Combination of paclitaxel and radiation: genotoxicity in vitro in four mammalian cell lines. Cancer Letters, 1999, 145, 29-33. | 7.2 | 7 |
| 117 | Isolation of a novel compound (MIMO2) from the methanolic extract of Moringa oleifera leaves: protective effects against vanadium-induced cytotoxity. Drug and Chemical Toxicology, 2018, 41, 249-258. | 2.3 | 7 |
| 118 | Cellular toxicological characterization of a thioxolated arsenic-containing hydrocarbon. Journal of Trace Elements in Medicine and Biology, 2020, 61, 126563. | 3.0 | 7 |
| 119 | A Multi-Endpoint Approach to Base Excision Repair Incision Activity Augmented by PARylation and DNA Damage Levels in Mice: Impact of Sex and Age. International Journal of Molecular Sciences, 2020, 21, 6600. | 4.1 | 7 |
| 120 | Micronucleus frequency in chronic kidney disease patients: A review. Mutation Research - Reviews in Mutation Research, 2020, 786, 108340. | 5.5 | 7 |
| 121 | Combination of the Chemotherapeutic Agent 5-Fluorouracil with an Inhibitor of Its Catabolism Results in Increased Micronucleus Induction. Biochemical and Biophysical Research Communications, 1994, 203, 1124-1130. | 2.1 | 6 |
| 122 | Supra-additive genotoxicity of a combination of gamma-irradiation and ethyl methanesulfonate in mouse lymphoma L5178Y cells. Mutagenesis, 2000, 15, 235-238. | 2.6 | 6 |
| 123 | IR and IGF-1R expression affects insulin induced proliferation and DNA damage. Toxicology in Vitro, 2017, 39, 68-74. | 2.4 | 6 |
| 124 | Protective effects of tricetinidin against oxidative stress inducers in rat kidney cells: A comparison with delphinidin and standard antioxidants. Food and Chemical Toxicology, 2018, 121, 549-557. | 3.6 | 5 |
| 125 | Micronucleus frequency in buccal mucosa cells of patients with neurodegenerative diseases. Scientific Reports, 2020, 10, 22196. | 3.3 | 5 |
| 126 | Short- and long-term reproducibility of the COMET assay for measuring DNA damage biomarkers in frozen blood samples of the EPIC-Heidelberg cohort. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2022, 874-875, 503442. | 1.7 | 5 |

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|---|---|---|---|
| 127 | Cell Cycle Disturbance in Relation to Micronucleus Formation Induced by the Carcinogenic Estrogen Diethylstilbestrol. Pathobiology, 1994, 62, 180-185. | 3.8 | 4 |
| 128 | DNA methylation influences the decatenation activity of topoisomerase II. International Journal of Biological Macromolecules, 2001, 28, 103-106. | 7.5 | 4 |
| 129 | Effects of Resveratrol, Lovastatin and the mTOR-Inhibitor RAD-001 on Insulin-Induced Genomic Damage In Vitro. Molecules, 2017, 22, 2207. | 3.8 | 3 |
| 130 | Imageâ€based modeling and scoring of Howellâ€“Jolly Bodies in human erythrocytes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2018, 93, 305-313. | 1.5 | 3 |
| 131 | Carcinogenic oestrogens induce respiration deficiency mutation in yeast. Toxicology in Vitro, 1991, 5, 487-491. | 2.4 | 2 |
| 132 | Photohemolysis Sensitized by the Furocoumarin Derivative Alloimperatorin and its Hydroperoxide Photooxidation Product. Photochemistry and Photobiology, 2014, 90, 162-170. | 2.5 | 2 |
| 133 | Differentiated and exponentially growing HL60 cells exhibit different sensitivity to some genotoxic agents in the comet assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 845, 402972. | 1.7 | 2 |
| 134 | Cytotoxic and genotoxic properties of artathomsonine, a new oxoberberine alkaloid from Artabotrys thomsonii (annonaceae). Natural Product Research, 2022, 36, 2791-2799. | 1.8 | 2 |
| 135 | In vitro evaluation of chromosomal damage and DNA strand breaks after treatment with the poppy seed alkaloid thebaine. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2021, 870-871, 503393. | 1.7 | 2 |
| 136 | Reduced Circulating AGE Levels and Lower Genomic Damage in Patients Undergoing Daily versus Standard Hemodialysis. Annals of the New York Academy of Sciences, 2005, 1043, 925-925. | 3.8 | 1 |
| 137 | Cytokinesis-block micronucleus assay of celecoxib and celecoxib derivatives. Toxicology Reports, 2020, 7, 1588-1591. | 3.3 | 1 |
| 138 | Overlapping mechanism of the induction of genomic damage by insulin and adrenaline in human promyelocytic HL-60 cells. Toxicology in Vitro, 2020, 66, 104867. | 2.4 | 1 |
| 139 | The Biological Activity of the Novel Vinca Alkaloids 4-chlorochablastine and 4-chlorochacristine. Current Cancer Drug Targets, 2019, 19, 222-230. | 1.6 | 1 |
| 140 | Advanced Glycation End Product-Induced DNA Damage: Involvement of Angiotensin II. Annals of the New York Academy of Sciences, 2005, 1043, 926-926. | 3.8 | 0 |
| 141 | Studies on mechanism of genotoxicity of selected pyrrolizidine alkaloids in HepG2 cells in vitro. , 2021, 42, . | | 0 |
| 142 | Studies on mechanism of genotoxicity of selected pyrrolizidine alkaloids in HepG2 cells. Planta Medica, 2021, 87, . | 1.3 | 0 |