

Sarbani Giri

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,201
citations

430874

18
h-index

377865

34
g-index

43
all docs

43
docs citations

43
times ranked

1566
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 | A Metabolomic Approach to the Metabolism of the Areca Nut Alkaloids Arecoline and Arecaidine in the Mouse. Chemical Research in Toxicology, 2006, 19, 818-827. | 3.3 | 140 |
| 3 | The metabolomics of (Â±)-arecoline 1-oxide in the mouse and its formation by human flavin-containing monooxygenases. Biochemical Pharmacology, 2007, 73, 561-573. | 4.4 | 61 |
| 4 | Cadmium pollution and amphibians â€“ Studies in tadpoles of Rana limnocharis. Chemosphere, 2016, 144, 1043-1049. | 8.2 | 51 |
| 5 | Mutagenic effects of carbosulfan, a carbamate pesticide. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2002, 519, 75-82. | 1.7 | 50 |
| 6 | Induction of sister chromatid exchanges by cypermethrin and carbosulfan in bone marrow cells of mice in vivo. Mutagenesis, 2003, 18, 53-58. | 2.6 | 50 |
| 7 | Toxic and genotoxic effects of Roundup on tadpoles of the Indian skittering frog (Euflectis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 | 4.0 | 49 |
| 8 | Melatonin attenuates radiofrequency radiation (900 MHz)-induced oxidative stress, DNA damage and cell cycle arrest in germ cells of male Swiss albino mice. Toxicology and Industrial Health, 2018, 34, 315-327. | 1.4 | 48 |
| 9 | Aqueous Extract of <i>Moringa oleifera</i> Exhibit Potential Anticancer Activity and can be Used as a Possible Cancer Therapeutic Agent: A Study Involving <i>In Vitro</i> and <i>In Vivo</i> Approach. Journal of the American College of Nutrition, 2021, 40, 70-85. | 1.8 | 41 |
| 10 | Micronucleus and other nuclear abnormalities among betel quid chewers with or without sadagura, a unique smokeless tobacco preparation, in a population from North-East India. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 677, 72-75. | 1.7 | 39 |
| 11 | Radiofrequency radiation (900 MHz)-induced DNA damage and cell cycle arrest in testicular germ cells in swiss albino mice. Toxicology and Industrial Health, 2017, 33, 373-384. | 1.4 | 29 |
| 12 | Role of quercetin on mitomycin C induced genotoxicity: Analysis of micronucleus and chromosome aberrations in vivo. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 721, 147-152. | 1.7 | 25 |
| 13 | The antimalarial agent artesunate causes sperm DNA damage and hepatic antioxidant defense in mice. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 777, 1-6. | 1.7 | 25 |
| 14 | Effect of predator stress and malathion on tadpoles of Indian skittering frog. Aquatic Toxicology, 2012, 106-107, 157-163. | 4.0 | 23 |
| 15 | Evaluation of genetic damage in tobacco and arsenic exposed population of Southern Assam, India using buccal cytochrome assay and comet assay. Ecotoxicology and Environmental Safety, 2016, 124, 169-176. | 6.0 | 23 |
| 16 | Importance of Choline as Essential Nutrient and Its Role in Prevention of Various Toxicities. Prague Medical Report, 2015, 116, 5-15. | 0.8 | 22 |
| 17 | Sodium arsenite induced changes in survival, growth, metamorphosis and genotoxicity in the Indian cricket frog (Rana limnocharis). Chemosphere, 2014, 112, 333-339. | 8.2 | 21 |
| 18 | Changes in buccal micronucleus cytochrome parameters associated with smokeless tobacco and pesticide exposure among female tea garden workers of Assam, India. International Journal of Hygiene and Environmental Health, 2014, 217, 169-175. | 4.3 | 21 |

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|----|--|-----|-----------|
| 19 | Arsenic and smokeless tobacco induce genotoxicity, sperm abnormality as well as oxidative stress in mice <i>in vivo</i> . <i>Genes and Environment</i> , 2016, 38, 4. | 2.1 | 21 |
| 20 | Arecoline induced disruption of expression and localization of the tight junctional protein ZO-1 is dependent on the HER 2 expression in human endometrial Ishikawa cells. <i>BMC Cell Biology</i> , 2010, 11, 53. | 3.0 | 18 |
| 21 | Joint detection of claudin-1 and junctional adhesion molecule-1 as a therapeutic target in oral epithelial dysplasia and oral squamous cell carcinoma. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18117-18127. | 2.6 | 17 |
| 22 | Effects of low dose radiation and vitamin C treatment on chloroquine-induced genotoxicity in mice. <i>Environmental and Molecular Mutagenesis</i> , 2008, 49, 488-495. | 2.2 | 13 |
| 23 | A Review on Role of Arecoline and Its Metabolites in the Molecular Pathogenesis of Oral Lesions with an Insight into Current Status of Its Metabolomics. <i>Prague Medical Report</i> , 2020, 121, 209-235. | 0.8 | 13 |
| 24 | Curcumin Protects Metronidazole and X-ray Induced Cytotoxicity and Oxidative Stress in Male Germ Cells in Mice. <i>Prague Medical Report</i> , 2013, 114, 92-102. | 0.8 | 10 |
| 25 | Effect of nutritional status on arsenic and smokeless tobacco induced genotoxicity, sperm abnormality and oxidative stress in mice <i>in vivo</i> . <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 386-400. | 2.2 | 8 |
| 26 | Phenanthrene alters oxidative stress parameters in tadpoles of <i>Euphylyctis cyanophlyctis</i> (Anura). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Science and Pollution Research</i> , 2020, 27, 20962-20971. | 5.3 | 8 |
| 27 | Correlation of serum lactate dehydrogenase and alkaline phosphatase in different histological grades of head and neck squamous cell carcinoma and premalignant lesions. <i>Journal of Cancer Research and Therapeutics</i> , 2018, 14, 934-940. | 0.9 | 8 |
| 28 | Effects of radiation and vitamin C treatment on metronidazole genotoxicity in mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 753, 65-71. | 1.7 | 7 |
| 29 | Extracts of <i>Tagetes erecta</i> exhibit potential cytotoxic and antitumor activity that could be employed as a promising therapeutic agent against cancer: A study involving <i>in vitro</i> and <i>in vivo</i> approach. <i>Phytomedicine Plus</i> , 2022, 2, 100187. | 2.0 | 7 |
| 30 | Consumption pattern and genotoxic potential of various smokeless tobacco products in Assam, India: A public health concern. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2021, 866, 503349. | 1.7 | 6 |
| 31 | JunD accentuates arecoline-induced disruption of tight junctions and promotes epithelial-to-mesenchymal transition by association with NEAT1 lncRNA. <i>Oncotarget</i> , 2021, 12, 1520-1539. | 1.8 | 6 |
| 32 | Arsenic and smokeless tobacco exposure induces DNA damage and oxidative stress in reproductive organs of female Swiss albino mice. <i>Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis</i> , 2020, 38, 384-408. | 0.7 | 6 |
| 33 | Complete Genome Sequence of Emerging Porcine Circovirus Types 2a and 2b from India. <i>Genome Announcements</i> , 2015, 3, . | 0.8 | 5 |
| 34 | GCMS analysis of <i>sadagura</i> (smokeless tobacco), its enhanced genomic instability causing potential due to arsenic co-exposure, and vitamin-C supplementation as a possible remedial measure: a study involving multiple model test systems. <i>Drug and Chemical Toxicology</i> , 2022, 45, 185-196. | 2.3 | 4 |
| 35 | ZINC CONTAMINATION IS AN UNDERESTIMATED RISK TO AMPHIBIANS: TOXICITY EVALUATION IN TADPOLES OF FEJERVARYA LIMNOCHARIS. <i>Journal of Environmental Engineering and Landscape Management</i> , 2021, 29, 489-498. | 1.0 | 4 |
| 36 | Micronucleus Assays in Amphibians. <i>Issues in Toxicology</i> , 2019, , 259-272. | 0.1 | 3 |

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|----|---|-----|-----------|
| 37 | Role of vitamin E-acetate on cisplatin induced genotoxicity: An in vivo analysis. Open Life Sciences, 2012, 7, 334-342. | 1.4 | 2 |
| 38 | Smokeless tobacco "sadagura"™ and areca nut extract exposure induces extensive embryotoxicity in chick embryo, Gallus gallus domesticus. Toxicology and Environmental Health Sciences, 2020, 12, 55-63. | 2.1 | 2 |
| 39 | Altered expression of junctional proteins as a potential biomarker in oral precancerous and cancerous patients. Tissue Barriers, 2022, 10, . | 3.2 | 2 |
| 40 | Chemopreventive and Therapeutic Potential of Phytopharmaceuticals Against Oral Cancer. Advances in Medical Diagnosis, Treatment, and Care, 2021, , 541-569. | 0.1 | 2 |
| 41 | Two Major Components of Steel Fabrication Industry, Benzene and Thinner Induce Cytotoxicity in <i>Allium cepa</i> L. Root Cells. Cytologia, 2018, 83, 155-158. | 0.6 | 1 |
| 42 | Potential Phytochemical Nanoemulsions in the Treatment of Oral Cancer and Oral Health. Advances in Chemical and Materials Engineering Book Series, 2022, , 330-353. | 0.3 | 0 |