

Sheikh Raisuddin

List of Publications by Year in descending order

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181
papers

7,867
citations

43973

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80
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190
docs citations

190
times ranked

8395
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Biomarkers of oxidative stress: a comparative study of river Yamuna fish Wallago attu (Bl. & Schn.). Science of the Total Environment, 2003, 309, 105-115. | 3.9 | 432 |
| 2 | Oxidative stress biomarkers of exposure to deltamethrin in freshwater fish, Channa punctatus Bloch. Ecotoxicology and Environmental Safety, 2003, 56, 295-301. | 2.9 | 390 |
| 3 | Induction of hepatic antioxidants in freshwater catfish (Channa punctatus Bloch) is a biomarker of paper mill effluent exposure. Biochimica Et Biophysica Acta - General Subjects, 2000, 1523, 37-48. | 1.1 | 297 |
| 4 | The copepod Tigriopus: A promising marine model organism for ecotoxicology and environmental genomics. Aquatic Toxicology, 2007, 83, 161-173. | 1.9 | 295 |
| 5 | Protein carbonyls: novel biomarkers of exposure to oxidative stress-inducing pesticides in freshwater fish Channa punctata (Bloch). Environmental Toxicology and Pharmacology, 2005, 20, 112-117. | 2.0 | 239 |
| 6 | Effects of exposure to multiple trace metals on biochemical, histological and ultrastructural features of gills of a freshwater fish, Channa punctata Bloch. Chemo-Biological Interactions, 2008, 174, 183-192. | 1.7 | 222 |
| 7 | Immunomodulatory effects of fenugreek (Trigonella foenum graecum L.) extract in mice. International Immunopharmacology, 2003, 3, 257-265. | 1.7 | 195 |
| 8 | Effect of Endosulfan on Antioxidants of Freshwater Fish Channa punctatus Bloch: 1. Protection Against Lipid Peroxidation in Liver by Copper Preexposure. Archives of Environmental Contamination and Toxicology, 2001, 41, 345-352. | 2.1 | 163 |
| 9 | Beneficial effects of lamivudine in hepatitis B virus-related decompensated cirrhosis. Journal of Hepatology, 2000, 33, 308-312. | 1.8 | 152 |
| 10 | Pollutant-induced over-activation of phagocytes is concomitantly associated with peroxidative damage in fish tissues. Aquatic Toxicology, 2000, 49, 243-250. | 1.9 | 139 |
| 11 | Aqueous extract of walnut (Juglans regia L.) protects mice against cyclophosphamide-induced biochemical toxicity. Human and Experimental Toxicology, 2003, 22, 473-480. | 1.1 | 131 |
| 12 | Expression of glutathione S-transferase (GST) genes in the marine copepod Tigriopus japonicus exposed to trace metals. Aquatic Toxicology, 2008, 89, 158-166. | 1.9 | 129 |
| 13 | Melatonin ameliorates bisphenol A-induced biochemical toxicity in testicular mitochondria of mouse. Food and Chemical Toxicology, 2011, 49, 2849-2854. | 1.8 | 115 |
| 14 | Heat shock protein (Hsp) gene responses of the intertidal copepod Tigriopus japonicus to environmental toxicants. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 104-112. | 1.3 | 99 |
| 15 | Taurine Prevents Tamoxifen-Induced Mitochondrial Oxidative Damage in Mice. Basic and Clinical Pharmacology and Toxicology, 2008, 102, 382-387. | 1.2 | 95 |
| 16 | The modulatory effect of deltamethrin on antioxidants in mice. Clinica Chimica Acta, 2006, 369, 61-65. | 0.5 | 91 |
| 17 | Protective effect of lipoic acid against methotrexate-induced oxidative stress in liver mitochondria. Food and Chemical Toxicology, 2010, 48, 1973-1979. | 1.8 | 89 |
| 18 | Protective effects of Emblica officinalis Gaertn. in cyclophosphamide-treated mice. Human and Experimental Toxicology, 2001, 20, 643-650. | 1.1 | 85 |

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|----|--|-----|-----------|
| 19 | Acute toxicities of trace metals and common xenobiotics to the marine copepod <i>Tigriopus japonicus</i> : Evaluation of its use as a benchmark species for routine ecotoxicity tests in Western Pacific coastal regions. <i>Environmental Toxicology</i> , 2007, 22, 532-538. | 2.1 | 85 |
| 20 | Attenuation of tamoxifen-induced hepatotoxicity by taurine in mice. <i>Clinica Chimica Acta</i> , 2006, 370, 129-136. | 0.5 | 80 |
| 21 | Significance of adverse outcome pathways in biomarker-based environmental risk assessment in aquatic organisms. <i>Journal of Environmental Sciences</i> , 2015, 35, 115-127. | 3.2 | 76 |
| 22 | In vivo cytogenetic and oxidative stress-inducing effects of cypermethrin in freshwater fish, <i>Channa punctata</i> Bloch. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 150-156. | 2.9 | 75 |
| 23 | Mitochondrial dysfunction induced by Bisphenol A is a factor of its hepatotoxicity in rats. <i>Environmental Toxicology</i> , 2016, 31, 1922-1934. | 2.1 | 75 |
| 24 | Relative sensitivity of fish and mammalian cells to sodium arsenate and arsenite as determined by alkaline single-cell gel electrophoresis and cytokinesis-block micronucleus assay. <i>Environmental and Molecular Mutagenesis</i> , 2004, 44, 83-89. | 0.9 | 74 |
| 25 | Protective effect of <i>Cassia occidentalis</i> L. on cyclophosphamide-induced suppression of humoral immunity in mice. <i>Journal of Ethnopharmacology</i> , 2001, 75, 13-18. | 2.0 | 73 |
| 26 | Inhibition of CWR22R1/21 tumor growth and PSA secretion in athymic nude mice by green and black teas. <i>Carcinogenesis</i> , 2006, 27, 833-839. | 1.3 | 71 |
| 27 | Glutamate Excitotoxicity and Oxidative Stress in Epilepsy: Modulatory Role of Melatonin. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2016, 35, 365-374. | 0.6 | 71 |
| 28 | Sequence, biochemical characteristics and expression of a novel Sigma-class of glutathione S-transferase from the intertidal copepod, <i>Tigriopus japonicus</i> with a possible role in antioxidant defense. <i>Chemosphere</i> , 2007, 69, 893-902. | 4.2 | 69 |
| 29 | FoxO proteins' nuclear retention and BH3-only protein Bim induction evoke mitochondrial dysfunction-mediated apoptosis in berberine-treated HepG2 cells. <i>Free Radical Biology and Medicine</i> , 2014, 76, 185-199. | 1.3 | 68 |
| 30 | Immunosuppressive effects of aflatoxin in growing rats. <i>Mycopathologia</i> , 1993, 124, 189-194. | 1.3 | 66 |
| 31 | Molecular cloning, expression, biochemical characteristics, and biomarker potential of theta class glutathione S-transferase (GST-T) from the polychaete <i>Neanthes succinea</i> . <i>Aquatic Toxicology</i> , 2007, 83, 104-115. | 1.9 | 65 |
| 32 | Inhibition of benzo[a]pyrene- and cyclophosphamide-induced mutagenicity by <i>Cinnamomum cassia</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 480-481, 179-188. | 0.4 | 64 |
| 33 | Modulatory Effect of Cadmium Exposure on Deltamethrin-Induced Oxidative Stress in <i>Channa punctata</i> Bloch. <i>Archives of Environmental Contamination and Toxicology</i> , 2005, 49, 371-377. | 2.1 | 63 |
| 34 | Decreased gill ATPase activities in the freshwater fish <i>Channa punctata</i> (Bloch) exposed to a diluted paper mill effluent. <i>Ecotoxicology and Environmental Safety</i> , 2006, 65, 62-66. | 2.9 | 59 |
| 35 | Catechin prevents tamoxifen-induced oxidative stress and biochemical perturbations in mice. <i>Toxicology</i> , 2006, 225, 109-118. | 2.0 | 59 |
| 36 | Aqueous extract of <i>Trigonella foenum-graecum</i> L. ameliorates additive urotoxicity of buthionine sulfoximine and cyclophosphamide in mice. <i>Food and Chemical Toxicology</i> , 2006, 44, 1744-1750. | 1.8 | 57 |

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|----|---|-----|-----------|
| 37 | Omics of the marine medaka (<i>Oryzias melastigma</i>) and its relevance to marine environmental research. <i>Marine Environmental Research</i> , 2016, 113, 141-152. | 1.1 | 56 |
| 38 | Inhibitory effect of <i>Embllica officinalis</i> on the in vivo clastogenicity of benzo alypyrene and acyclophosphamide in mice. <i>Human and Experimental Toxicology</i> , 2000, 19, 377-384. | 1.1 | 55 |
| 39 | Chemomodulatory Influence of <i>Ferula asafoetida</i> on Mammary Epithelial Differentiation, Hepatic Drug Metabolizing Enzymes, Antioxidant Profiles and N-methyl-N-Nitrosourea-Induced Mammary Carcinogenesis in Rats. <i>Breast Cancer Research and Treatment</i> , 2003, 81, 1-10. | 1.1 | 55 |
| 40 | Two-generation toxicity study on the copepod model species <i>Tigriopus japonicus</i> . <i>Chemosphere</i> , 2008, 72, 1359-1365. | 4.2 | 55 |
| 41 | Genotoxic and oxidative stress-inducing effects of deltamethrin in the erythrocytes of a freshwater biomarker fish species, <i>Channa punctata</i> Bloch. <i>Environmental Toxicology</i> , 2009, 24, 429-436. | 2.1 | 54 |
| 42 | Fly ash leachate induces oxidative stress in freshwater fish <i>Channa punctata</i> (Bloch). <i>Environment International</i> , 2004, 30, 933-938. | 4.8 | 53 |
| 43 | Concurrent acetylation of FoxO1/3a and p53 due to sirtuins inhibition elicit Bim/PUMA mediated mitochondrial dysfunction and apoptosis in berberine-treated HepG2 cells. <i>Toxicology and Applied Pharmacology</i> , 2016, 291, 70-83. | 1.3 | 53 |
| 44 | Role of melatonin in mitigating nonylphenol-induced toxicity in frontal cortex and hippocampus of rat brain. <i>Neurochemistry International</i> , 2017, 104, 11-26. | 1.9 | 53 |
| 45 | Effect of Zinc on Immune Functions and Host Resistance Against Infection and Tumor Challenge. <i>Immunopharmacology and Immunotoxicology</i> , 1992, 14, 813-840. | 1.1 | 52 |
| 46 | Copper modulates non-enzymatic antioxidants in the freshwater fish <i>Channa punctata</i> (Bloch) exposed to deltamethrin. <i>Chemosphere</i> , 2006, 62, 1324-1332. | 4.2 | 52 |
| 47 | Gene expression profiling of copper-induced responses in the intertidal copepod <i>Tigriopus japonicus</i> using a 6K oligochip microarray. <i>Aquatic Toxicology</i> , 2009, 93, 177-187. | 1.9 | 52 |
| 48 | IN VITRO INHIBITION OF CARCINOGEN-INDUCED MUTAGENICITY BY <i>CASSIA OCCIDENTALIS</i> AND <i>EMBLICA OFFICINALIS</i> . <i>Drug and Chemical Toxicology</i> , 2000, 23, 477-484. | 1.2 | 51 |
| 49 | Effects of Paraquat on the Freshwater Fish <i>Channa punctata</i> (Bloch): Non-Enzymatic Antioxidants as Biomarkers of Exposure. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 50, 392-397. | 2.1 | 50 |
| 50 | Cisplatin hepatotoxicity mediated by mitochondrial stress. <i>Drug and Chemical Toxicology</i> , 2015, 38, 452-459. | 1.2 | 50 |
| 51 | Protective effects of black tea extract on testosterone induced oxidative damage in prostate. <i>Cancer Letters</i> , 2005, 227, 125-132. | 3.2 | 49 |
| 52 | Ellagic acid attenuates bleomycin and cyclophosphamide-induced pulmonary toxicity in Wistar rats. <i>Food and Chemical Toxicology</i> , 2013, 58, 210-219. | 1.8 | 49 |
| 53 | Catechin as an antioxidant in liver mitochondrial toxicity: Inhibition of tamoxifen-induced protein oxidation and lipid peroxidation. <i>Journal of Biochemical and Molecular Toxicology</i> , 2007, 21, 110-117. | 1.4 | 48 |
| 54 | Iron deficiency augments bisphenol A-induced oxidative stress in rats. <i>Toxicology</i> , 2009, 256, 7-12. | 2.0 | 48 |

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|----|--|-----|-----------|
| 55 | In vitro free radical scavenging activity of hepatic metallothionein induced in an Indian freshwater fish, <i>Channa punctata</i> Bloch. <i>Chemico-Biological Interactions</i> , 2006, 162, 172-180. | 1.7 | 47 |
| 56 | Cloning of a river pufferfish (<i>Takifugu obscurus</i>) metallothionein cDNA and study of its induction profile in cadmium-exposed fish. <i>Chemosphere</i> , 2008, 71, 1251-1259. | 4.2 | 46 |
| 57 | Prevalence and profile of mutations associated with lamivudine therapy in Indian patients with chronic hepatitis B in the surface and polymerase genes of hepatitis B virus. <i>Journal of Medical Virology</i> , 2002, 68, 311-318. | 2.5 | 45 |
| 58 | Adverse health effects due to arsenic exposure: Modification by dietary supplementation of jaggery in mice. <i>Toxicology and Applied Pharmacology</i> , 2010, 242, 247-255. | 1.3 | 45 |
| 59 | In vitro antioxidant activity of <i>Juglans regia</i> L. bark extract and its protective effect on cyclophosphamide-induced urotoxicity in mice. <i>Redox Report</i> , 2006, 11, 273-279. | 1.4 | 43 |
| 60 | Protective effect of S-allylcysteine against cyclophosphamide-induced bladder hemorrhagic cystitis in mice. <i>Food and Chemical Toxicology</i> , 2008, 46, 3368-3374. | 1.8 | 43 |
| 61 | Potential allergens of green gram (<i>Vigna radiata</i> L. Millsp) identified as members of cupin superfamily and seed albumin. <i>Clinical and Experimental Allergy</i> , 2011, 41, 1157-1168. | 1.4 | 42 |
| 62 | <i>Kryptolebias marmoratus</i> (Poey, 1880): a potential model species for molecular carcinogenesis and ecotoxicogenomics. <i>Journal of Fish Biology</i> , 2008, 72, 1871-1889. | 0.7 | 41 |
| 63 | Molecular cloning, phylogenetic analysis and developmental expression of a vitellogenin (Vg) gene from the intertidal copepod <i>Tigriopus japonicus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 150, 395-402. | 0.7 | 41 |
| 64 | Differential expression of metallothionein (MT) gene by trace metals and endocrine-disrupting chemicals in the hermaphroditic mangrove killifish, <i>Kryptolebias marmoratus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 206-212. | 2.9 | 41 |
| 65 | Topically applied vitamin E prevents massive cutaneous inflammatory and oxidative stress responses induced by double application of 12-O-tetradecanoylphorbol-13-acetate (TPA) in mice. <i>Chemico-Biological Interactions</i> , 2008, 172, 195-205. | 1.7 | 40 |
| 66 | Short term exposure of pendimethalin induces biochemical and histological perturbations in liver, kidney and gill of freshwater fish. <i>Ecological Indicators</i> , 2016, 63, 29-36. | 2.6 | 40 |
| 67 | Heat stress-induced alterations of antioxidants in the freshwater fish <i>Channa punctata</i> Bloch. <i>Journal of Fish Biology</i> , 2005, 67, 1653-1665. | 0.7 | 39 |
| 68 | Evaluation of induction of metallothionein-like proteins (MTLPs) in the polychaetes for biomonitoring of heavy metal pollution in marine sediments. <i>Marine Pollution Bulletin</i> , 2008, 57, 544-551. | 2.3 | 39 |
| 69 | Activity-Guided Chemo Toxic Profiling of <i>Cassia occidentalis</i> (CO) Seeds: Detection of Toxic Compounds in Body Fluids of CO-Exposed Patients and Experimental Rats. <i>Chemical Research in Toxicology</i> , 2015, 28, 1120-1132. | 1.7 | 39 |
| 70 | Nephrotoxicity and its prevention by taurine in tamoxifen induced oxidative stress in mice. <i>Human and Experimental Toxicology</i> , 2007, 26, 509-518. | 1.1 | 38 |
| 71 | Atorvastatin prevents development of kindling by modulating hippocampal levels of dopamine, glutamate, and GABA in mice. <i>Epilepsy and Behavior</i> , 2015, 42, 48-53. | 0.9 | 38 |
| 72 | Modulatory Effect of Copper on Nonenzymatic Antioxidants in Freshwater Fish <i>Channa punctatus</i> (Bloch.). <i>Biological Trace Element Research</i> , 2003, 93, 237-248. | 1.9 | 36 |

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|----|--|-----|-----------|
| 73 | The interactive effect of elevated temperature on deltamethrin-induced biochemical stress responses in <i>Channa punctata</i> Bloch. <i>Chemico-Biological Interactions</i> , 2011, 193, 216-224. | 1.7 | 36 |
| 74 | Potential of the small cyclopoid copepod <i>Paracyclops nana</i> as an invertebrate model for ecotoxicity testing. <i>Aquatic Toxicology</i> , 2016, 180, 282-294. | 1.9 | 36 |
| 75 | Effects of aflatoxin on lymphoid cells of weanling rat. <i>Journal of Applied Toxicology</i> , 1990, 10, 245-250. | 1.4 | 34 |
| 76 | Involvement of mitochondria mediated pathways in hepatoprotection conferred by <i>Fumaria parviflora</i> Lam. extract against nimesulide induced apoptosis in vitro. <i>Toxicology in Vitro</i> , 2010, 24, 495-508. | 1.1 | 34 |
| 77 | Resveratrol suppressed seizures by attenuating IL-1 β , IL-1-R α , IL-6, and TNF- α in the hippocampus and cortex of kindled mice. <i>Nutritional Neuroscience</i> , 2017, 20, 497-504. | 1.5 | 34 |
| 78 | Genotoxic effects of arsenic: Prevention by functional food-jaggery. <i>Cancer Letters</i> , 2008, 268, 325-330. | 3.2 | 32 |
| 79 | Investigation of the interaction of anthraquinones of <i>Cassia occidentalis</i> seeds with bovine serum albumin by molecular docking and spectroscopic analysis: Correlation to their in vitro cytotoxic potential. <i>Food Research International</i> , 2015, 77, 368-377. | 2.9 | 32 |
| 80 | Molecular docking reveals the potential of phthalate esters to inhibit the enzymes of the glucocorticoid biosynthesis pathway. <i>Journal of Applied Toxicology</i> , 2017, 37, 265-277. | 1.4 | 32 |
| 81 | Propiconazole induced toxicological alterations in brain of freshwater fish <i>Channa punctata</i> Bloch. <i>Ecological Indicators</i> , 2016, 62, 242-248. | 2.6 | 31 |
| 82 | Biomarkers of oxidative stress in <i>Wallago attu</i> (Bl. and Sch.) during and after a fish-kill episode at Panipat, India. <i>Science of the Total Environment</i> , 2006, 368, 627-636. | 3.9 | 30 |
| 83 | Molecular cloning and 1 β -naphthoflavone-induced expression of a cytochrome P450 1A (CYP1A) gene from an anadromous river pufferfish, <i>Takifugu obscurus</i> . <i>Marine Pollution Bulletin</i> , 2008, 57, 433-440. | 2.3 | 30 |
| 84 | Neurotoxicological assessment of pendimethalin in freshwater fish <i>Channa punctata</i> Bloch. <i>Ecological Indicators</i> , 2015, 58, 411-417. | 2.6 | 30 |
| 85 | Tannic acid alleviates lead acetate-induced neurochemical perturbations in rat brain. <i>Neuroscience Letters</i> , 2016, 617, 94-100. | 1.0 | 30 |
| 86 | Bisphenol A triggers axonal injury and myelin degeneration with concomitant neurobehavioral toxicity in C57BL/6J male mice. <i>Toxicology</i> , 2019, 428, 152299. | 2.0 | 30 |
| 87 | Polo-like kinase1 (Plk1) knockdown enhances cisplatin chemosensitivity via up-regulation of p73 β in p53 mutant human epidermoid squamous carcinoma cells. <i>Biochemical Pharmacology</i> , 2010, 80, 1326-1334. | 2.0 | 29 |
| 88 | Effect of Subchronic Aflatoxin Exposure on Growth and Progression of Ehrlich's Ascites Tumor in Mice. <i>Drug and Chemical Toxicology</i> , 1991, 14, 185-206. | 1.2 | 28 |
| 89 | Ameliorative Action of Curcumin in Cisplatin-mediated Hepatotoxicity: An In Vivo Study in Wistar Rats. <i>Archives of Medical Research</i> , 2014, 45, 462-468. | 1.5 | 28 |
| 90 | Mechanism of Rhein-Induced Apoptosis in Rat Primary Hepatocytes: Beneficial Effect of Cyclosporine A. <i>Chemical Research in Toxicology</i> , 2015, 28, 1133-1143. | 1.7 | 28 |

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|-----|--|-----|-----------|
| 91 | Modulatory effects of an NMDAR partial agonist in MK-801-induced memory impairment. <i>Neuroscience</i> , 2015, 311, 22-33. | 1.1 | 28 |
| 92 | The protective effect of α -lipoic acid against bisphenol A-induced neurobehavioral toxicity. <i>Neurochemistry International</i> , 2018, 118, 166-175. | 1.9 | 27 |
| 93 | Evaluation of comparative effect of pre- and posttreatment of selenium on mercury-induced oxidative stress, histological alterations, and metallothionein mRNA expression in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2010, 24, 123-135. | 1.4 | 26 |
| 94 | Immunostimulating effects of protein A in immunosuppressed aflatoxin-intoxicated rats. <i>International Journal of Immunopharmacology</i> , 1994, 16, 977-984. | 1.1 | 25 |
| 95 | Nordihydroguaiaretic Acid from Creosote Bush (<i>Larrea tridentata</i>) Mitigates 12-O-Tetradecanoylphorbol-13-Acetate-Induced Inflammatory and Oxidative Stress Responses of Tumor Promotion Cascade in Mouse Skin. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-10. | 0.5 | 24 |
| 96 | Association between children death and consumption of <i>Cassia occidentalis</i> seeds: Clinical and experimental investigations. <i>Food and Chemical Toxicology</i> , 2014, 67, 236-248. | 1.8 | 24 |
| 97 | Development and <i>in vitro</i> / <i>in vivo</i> evaluation of artemether and lumefantrine co-loaded nanoliposomes for parenteral delivery. <i>Journal of Liposome Research</i> , 2019, 29, 35-43. | 1.5 | 24 |
| 98 | Abrogation of nimesulide induced oxidative stress and mitochondria mediated apoptosis by <i>Fumaria parviflora</i> Lam. extract. <i>Journal of Ethnopharmacology</i> , 2011, 136, 94-102. | 2.0 | 23 |
| 99 | Gonadotropin-releasing hormone receptor (GnRHR) gene expression is differently modulated in gender types of the hermaphroditic fish <i>Kryptolebias marmoratus</i> by endocrine disrupting chemicals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 147, 357-365. | 1.3 | 22 |
| 100 | Predicting risk of low birth weight offspring from maternal features and blood polycyclic aromatic hydrocarbon concentration. <i>Reproductive Toxicology</i> , 2020, 94, 92-100. | 1.3 | 22 |
| 101 | Aflatoxin in betel nut and its control by use of food preservatives. <i>Food Additives and Contaminants</i> , 1991, 8, 707-712. | 2.0 | 21 |
| 102 | Behavioral tagging: A novel model for studying long-term memory. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 361-369. | 2.9 | 21 |
| 103 | Immunomodulatory Activity of a Unani Gold Preparation used in Indian System of Medicine. <i>Immunopharmacology and Immunotoxicology</i> , 1999, 21, 151-161. | 1.1 | 20 |
| 104 | <i>In silico</i> molecular interaction of bisphenol analogues with human nuclear receptors reveals their stronger affinity vs. classical bisphenol A. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 660-669. | 1.3 | 20 |
| 105 | Amelioration of ochratoxin-A induced cytotoxicity by prophylactic treatment of N-Acetyl-L-Tryptophan in human embryonic kidney cells. <i>Toxicology</i> , 2020, 429, 152324. | 2.0 | 20 |
| 106 | A corticotropin-releasing hormone binding protein (CRH-BP) gene from the intertidal copepod, <i>Tigriopus japonicus</i> . <i>General and Comparative Endocrinology</i> , 2008, 158, 54-60. | 0.8 | 19 |
| 107 | Status of Stat3 in an Ovalbumin-Induced Mouse Model of Asthma: Analysis of the Role of Socs3 and IL-6. <i>International Archives of Allergy and Immunology</i> , 2009, 148, 99-108. | 0.9 | 19 |
| 108 | Multi-organ toxicological impact of fungicide propiconazole on biochemical and histological profile of freshwater fish <i>Channa punctata</i> Bloch. <i>Ecological Indicators</i> , 2016, 63, 359-365. | 2.6 | 19 |

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|-----|---|-----|-----------|
| 109 | Involvement of endoplasmic reticulum stress in amyloid β^2 (1-42)-induced Alzheimer's like neuropathological process in rat brain. <i>Brain Research Bulletin</i> , 2020, 165, 108-117. | 1.4 | 19 |
| 110 | Mining of biomarker genes from expressed sequence tags and differential display reverse transcriptase-polymerase chain reaction in the self-fertilizing fish, <i>Kryptolebias marmoratus</i> and their expression patterns in response to exposure to an endocrine-disrupting alkylphenol, bisphenol A. <i>Molecules and Cells</i> , 2007, 23, 287-303. | 1.0 | 19 |
| 111 | Acrylamide Induced Immunosuppression in Rats and Its Modulation by 6-MFA, An Interferon Inducer. <i>Immunopharmacology and Immunotoxicology</i> , 1994, 16, 247-260. | 1.1 | 18 |
| 112 | Protective Effect of Cassia Occidentalis Extract on Chemical-Induced Chromosomal Aberrations in Mice. <i>Drug and Chemical Toxicology</i> , 1999, 22, 643-653. | 1.2 | 18 |
| 113 | Bleomycin-induced pulmonary toxicopathological changes in rats and its prevention by walnut extract. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 418-429. | 2.5 | 18 |
| 114 | Responses of Circulating Fish Phagocytes to Paper Mill Effluent Exposure. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1998, 61, 746-753. | 1.3 | 17 |
| 115 | Paper and Pulp Mill Effluent-Induced Immunotoxicity in Freshwater Fish <i>Channa punctatus</i> (Bloch). <i>Archives of Environmental Contamination and Toxicology</i> , 2001, 40, 271-276. | 2.1 | 17 |
| 116 | cDNA cloning and expression of a xenobiotic metabolizing cytochrome P4501A (<i>CYP1A</i>) from the yellow catfish, <i>Pelteobagrus fulvidraco</i> (Siluriformes). <i>Environmental Toxicology</i> , 2008, 23, 346-353. | 2.1 | 17 |
| 117 | A Mu-class glutathione S-transferase (GSTM) from the rock shell <i>Thais clavigera</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 148, 195-203. | 1.3 | 17 |
| 118 | Hepatic transcriptional analysis in rats treated with Cassia occidentalis seed: Involvement of oxidative stress and impairment in xenobiotic metabolism as a putative mechanism of toxicity. <i>Toxicology Letters</i> , 2014, 229, 273-283. | 0.4 | 17 |
| 119 | Manganese pre-treatment attenuates cadmium induced hepatotoxicity in Swiss albino mice. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 29, 284-288. | 1.5 | 17 |
| 120 | Dichotomy of bisphenol A-induced expression of peroxisome proliferator-activated receptors in hepatic and testicular tissues in mice. <i>Chemosphere</i> , 2019, 236, 124264. | 4.2 | 16 |
| 121 | NLRP3 inflammasome in rosmarinic acid-afforded attenuation of acute kidney injury in mice. <i>Scientific Reports</i> , 2022, 12, 1313. | 1.6 | 16 |
| 122 | Aflatoxin induces depletion of activities of phase I biotransformation enzymes in growing rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1994, 19, 163-168. | 0.6 | 15 |
| 123 | Molecular cloning and characterization of omega class glutathione S-transferase (GST-O) from the polychaete <i>Neanthes succinea</i> : Biochemical comparison with theta class glutathione S-transferase (GST-T). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 471-477. | 1.3 | 14 |
| 124 | Characterization of the glutathione S-transferase-Mu (GSTM) gene sequence and its expression in the hermaphroditic fish, <i>Kryptolebias marmoratus</i> as a function of development, gender type and chemical exposure. <i>Chemico-Biological Interactions</i> , 2008, 174, 118-125. | 1.7 | 14 |
| 125 | p53 gene expression is modulated by endocrine disrupting chemicals in the hermaphroditic fish, <i>Kryptolebias marmoratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 147, 150-157. | 1.3 | 14 |
| 126 | Melatonin abrogates nonylphenol-induced testicular dysfunction in Wistar rats. <i>Andrologia</i> , 2017, 49, e12648. | 1.0 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Transgenerational effect of parental obesity and chronic parental bisphenol A exposure on hormonal profile and reproductive organs of preadolescent Wistar rats of F1 generation: A one-generation study. <i>Human and Experimental Toxicology</i> , 2020, 39, 59-76. | 1.1 | 13 |
| 128 | Immunological Responses to Aflatoxins and Other Chemical Carcinogens. <i>Toxin Reviews</i> , 1991, 10, 63-85. | 1.5 | 12 |
| 129 | Modulatory Effect of Cadmium Injection on Endosulfan-Induced Oxidative Stress in the Freshwater Fish, <i>Channa punctata</i> Bloch. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 74, 777-784. | 1.3 | 12 |
| 130 | <i>Channa punctata</i> brain metallothionein is a potent scavenger of superoxide radicals and prevents hydroxyl radical-induced <i>in vitro</i> DNA damage. <i>Journal of Biochemical and Molecular Toxicology</i> , 2008, 22, 202-208. | 1.4 | 12 |
| 131 | Preexposure to Copper Modulates Nonenzymatic Antioxidants in Liver of <i>Channa punctata</i> (Bloch) Exposed to the Herbicide Paraquat. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 76, 545-551. | 1.3 | 11 |
| 132 | Pro-apoptotic effect of fly ash leachates in hepatocytes of freshwater fish (<i>Channa punctata</i> Bloch). <i>Toxicology in Vitro</i> , 2007, 21, 63-71. | 1.1 | 11 |
| 133 | Molecular cloning, phylogenetic analysis and expression of a MAPEG superfamily gene from the pufferfish <i>Takifugu obscurus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 358-362. | 1.3 | 11 |
| 134 | Endocrine disruptors modulate expression of hepatic choriogenin genes in the hermaphroditic fish, <i>Kryptolebias marmoratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 150, 170-178. | 1.3 | 11 |
| 135 | Deltamethrin Increases <i>Candida albicans</i> Infection Susceptibility in Mice. <i>Scandinavian Journal of Immunology</i> , 2011, 73, 459-464. | 1.3 | 11 |
| 136 | Anti-inflammatory role of tempol (4-hydroxy-2,2,6,6-tetramethylpiperidin-1-oxyl) in nephroprotection. <i>Human and Experimental Toxicology</i> , 2019, 38, 713-723. | 1.1 | 11 |
| 137 | B Cell Responses to a Peptide Epitope. IX. The Kinetics of Antigen Binding Differentially Regulates Costimulatory Capacity of Activated B Cells. <i>Journal of Immunology</i> , 2000, 164, 5605-5614. | 0.4 | 10 |
| 138 | Efficacy and safety of canagliflozin in type 2 diabetes mellitus: systematic review of randomized controlled trials. <i>Expert Opinion on Pharmacotherapy</i> , 2016, 17, 105-115. | 0.9 | 10 |
| 139 | Molecular and cellular regulatory roles of sirtuin protein. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 9895-9913. | 5.4 | 10 |
| 140 | Toxic Responses to Aflatoxins in a Developing Host. <i>Toxin Reviews</i> , 1993, 12, 175-201. | 1.5 | 9 |
| 141 | Expression of R-ras oncogenes in the hermaphroditic fish <i>Kryptolebias marmoratus</i> , exposed to endocrine disrupting chemicals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 433-439. | 1.3 | 9 |
| 142 | Cyclophosphamide-induced Downregulation of Uroplakin II in the Mouse Urinary Bladder Epithelium is Prevented by S-Allyl Cysteine. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 598-603. | 1.2 | 9 |
| 143 | Differential expression of circulating Th1/ Th2/ Th17 cytokines in serum of <i>Chlamydia trachomatis</i> -infected women undergoing incomplete spontaneous abortion. <i>Microbial Pathogenesis</i> , 2017, 110, 152-158. | 1.3 | 9 |
| 144 | mRNA expression and protein-protein interaction (PPI) network analysis of adrenal steroidogenesis in response to exposure to phthalates in rats. <i>Environmental Toxicology and Pharmacology</i> , 2022, 89, 103780. | 2.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Inhibition of Brain Na ⁺ ,K ⁺ -ATPase Activity in Freshwater Catfish (Channa punctatus Bloch) Exposed to Paper Mill Effluent. Bulletin of Environmental Contamination and Toxicology, 2000, 65, 161-167. | 1.3 | 7 |
| 146 | Inhibition of Brain Na ⁺ ,K ⁺ -ATPase Activity in Freshwater Catfish (Channa punctatus Bloch) Exposed to Paper Mill Effluent. Bulletin of Environmental Contamination and Toxicology, 2000, 65, 161-167. | 1.3 | 7 |
| 147 | Modulatory effect of environmental endocrine disruptors on N-ras oncogene expression in the hermaphroditic fish, Kryptolebias marmoratus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 147, 299-305. | 1.3 | 7 |
| 148 | Tempol (4-hydroxy tempo) protects mice from cisplatin-induced acute kidney injury <i>via</i> modulation of expression of aquaporins and kidney injury molecule-1. Drug and Chemical Toxicology, 2022, 45, 1355-1363. | 1.2 | 7 |
| 149 | Behavioral tagging: Plausible involvement of PKM ^{II} , Arc and role of neurotransmitter receptor systems. Neuroscience and Biobehavioral Reviews, 2018, 94, 210-218. | 2.9 | 6 |
| 150 | Association of maternal determinants with low birth weight babies in tea garden workers of Assam. Journal of Obstetrics and Gynaecology Research, 2020, 46, 715-726. | 0.6 | 6 |
| 151 | Carryover of cigarette smoke effects on hematopoietic cytokines to F1 mouse litters. Molecular Immunology, 2011, 48, 1809-1817. | 1.0 | 5 |
| 152 | S-allyl cysteine ameliorates cyclophosphamide-induced downregulation of urothelial uroplakin IIIa with a concomitant effect on expression and release of CCL1 and TNF- α in mice. Pharmacological Reports, 2018, 70, 769-776. | 1.5 | 5 |
| 153 | Structural changes, increased hypoxia, and oxidative ^{scp}DNA</sup> damage in placenta due to maternal smokeless tobacco use. Birth Defects Research, 2021, 113, 1198-1214. | 0.8 | 5 |
| 154 | Toxicity of anticancer drugs and its prevention with special reference to role of garlic constituents. Annals of Phytomedicine an International Journal, 2018, 7, . | 0.0 | 5 |
| 155 | Occupational exposure to pesticides in female tea garden workers and adverse birth outcomes. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22677. | 1.4 | 4 |
| 156 | Modulation of Primary Antibody Response by Protein a in Tumor Bearing Mice. Immunopharmacology and Immunotoxicology, 1995, 17, 759-773. | 1.1 | 3 |
| 157 | Differential expression of superoxide dismutases in early aborters infected with Chlamydia trachomatis. International Journal of Infectious Diseases, 2016, 45, 203-204. | 1.5 | 3 |
| 158 | Cytokine-induced expression of nitric oxide synthases in Chlamydia trachomatis-infected spontaneous aborters. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 3511-3519. | 0.7 | 3 |
| 159 | Molecular interactions of vinclozolin metabolites with human estrogen receptors 1GWR- α and 1QKM and androgen receptor 2AM9- β : Implication for endocrine disruption. Toxicology Mechanisms and Methods, 2020, 30, 370-377. | 1.3 | 3 |
| 160 | Bisphenol A-Induced Endocrine Toxicity and Male Reprotoxicopathy are Modulated by the Dietary Iron Deficiency. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2018, 18, 626-636. | 0.6 | 3 |
| 161 | Differential expression of matrix metalloproteinases in the fallopian tube of women with Chlamydia trachomatis-associated tubal ectopic pregnancy. Microbial Pathogenesis, 2022, 165, 105468. | 1.3 | 3 |
| 162 | Behavioral Tagging: Role of Neurotransmitter Receptor Systems in Novel Object Recognition Long-Term Memory. ACS Omega, 2022, 7, 11587-11595. | 1.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | Modulation of Anti-Sheep Erythrocyte Primary Antibody Response by Protein a in Normal Mice. Immunopharmacology and Immunotoxicology, 1994, 16, 85-96. | 1.1 | 2 |
| 164 | Modulatory effect of Trigonella foenum-graecum L. extract on deltamethrin-induced low dose immunosuppression in mice. Toxicology Letters, 2006, 164, S104. | 0.4 | 2 |
| 165 | A newer dimension to regulation of ethics committees in India. Clinical Research and Regulatory Affairs, 2014, 31, 1-5. | 2.1 | 2 |
| 166 | Endocrine-disrupting chemicals in food and their toxicological implications. , 2017, , 199-250. | | 2 |
| 167 | Modulatory Effect of a Unani Formulation (Jawarish amla sada) on Cyclophosphamide-induced Toxicity in Tumour Bearing Mice. British Journal of Medicine and Medical Research, 2012, 2, 454-468. | 0.2 | 2 |
| 168 | National Conference on Alternatives to Animal Experiments (NCAAE-2018) in commemoration of launching of the Society for Alternatives to Animal Experiments (SAAE) in India. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 472-476. | 0.9 | 2 |
| 169 | Setting the trend for the alternatives movement in India: The Second National Conference of the Society for Alternatives to Animal Experiments-India. ALTEX: Alternatives To Animal Experimentation, 2020, 37, 503-506. | 0.9 | 2 |
| 170 | Nordihydroguaiaretic acid attenuates skin tumorigenesis in Swiss albino mice with the condition of topical co-administration of an immunosuppressant. Chemico-Biological Interactions, 2015, 233, 106-114. | 1.7 | 1 |
| 171 | Ayurvedic Bhasmas. , 2003, , 83-100. | | 1 |
| 172 | Chlamydia trachomatis infection predisposes to ectopic pregnancy by regulating expression of tetraspanins in fallopian tube: A pilot study. International Journal of Infectious Diseases, 2020, 101, 447. | 1.5 | 1 |
| 173 | Pro-apoptotic effect of fly ash leachates in hepatocytes of freshwater fish (Channa punctata Bloch). Toxicology Letters, 2006, 164, S216. | 0.4 | 0 |
| 174 | Tamoxifen induced liver mitochondrial toxicity and its mitigation by catechin. Toxicology Letters, 2012, 211, S194. | 0.4 | 0 |
| 175 | Effect of low level of exposure to deltamethrin on infection susceptibility in mice. Toxicology Letters, 2014, 229, S204-S205. | 0.4 | 0 |
| 176 | Placental oxidative stress and DNA damage in tea garden workers exposed to pesticides. Toxicology Letters, 2016, 258, S207. | 0.4 | 0 |
| 177 | SAT-710 Comparative Histopathology of Endocrine Glands in Phthalate Exposed Male Wistar Rats Unveil the Vulnerability of Adrenal Gland and Augmented by Molecular Docking. Journal of the Endocrine Society, 2020, 4, . | 0.1 | 0 |
| 178 | MON-LB006 Glucocorticoid Biosynthetic Pathway Analysis Divulges the Susceptibility of Adrenal Gland against EDCs In Vivo by Novel Approach Uncovering Endocrine Disruption Mechanism. Journal of the Endocrine Society, 2019, 3, . | 0.1 | 0 |
| 179 | Comparative histopathology of endocrine glands in phthalate exposed male Wistar rats unveil the vulnerability of adrenal gland and augmented by molecular docking. Endocrine Abstracts, 0, , . | 0.0 | 0 |
| 180 | Frontiers in pharmacology and therapeutics in the 21st century-International Congress. 1-4 December, 1999, New Delhi, India. IDrugs: the Investigational Drugs Journal, 2000, 3, 299-303. | 0.7 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Immunology–tenth international congress. 1-6 November 1998, New Delhi, India. IDrugs: the Investigational Drugs Journal, 1999, 2, 22-5. | 0.7 | 0 |