

J Christopher States

List of Publications by Year in descending order

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137
papers

4,744
citations

71102

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61
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150
all docs

150
docs citations

150
times ranked

4388
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Arsenic and Cardiovascular Disease. <i>Toxicological Sciences</i> , 2009, 107, 312-323. | 3.1 | 280 |
| 2 | A summary of mutations in the UV-sensitive disorders: Xeroderma pigmentosum, Cockayne syndrome, and trichothiodystrophy. <i>Human Mutation</i> , 1999, 14, 9-22. | 2.5 | 198 |
| 3 | Complete sequence and structure of the gene for human adenosine deaminase. <i>Biochemistry</i> , 1986, 25, 8234-8244. | 2.5 | 160 |
| 4 | Predicting Later-Life Outcomes of Early-Life Exposures. <i>Environmental Health Perspectives</i> , 2012, 120, 1353-1361. | 6.0 | 155 |
| 5 | Arsenic exposure through drinking water increases the risk of liver and cardiovascular diseases in the population of West Bengal, India. <i>BMC Public Health</i> , 2012, 12, 639. | 2.9 | 105 |
| 6 | Metals and Disorders of Cell Accumulation: Modulation of Apoptosis and Cell Proliferation. <i>Toxicological Sciences</i> , 2000, 56, 255-261. | 3.1 | 104 |
| 7 | Arsenic Toxicology: Translating between Experimental Models and Human Pathology. <i>Environmental Health Perspectives</i> , 2011, 119, 1356-1363. | 6.0 | 98 |
| 8 | Arsenic exacerbates atherosclerotic lesion formation and inflammation in ApoE ^{-/-} mice. <i>Toxicology and Applied Pharmacology</i> , 2009, 241, 90-100. | 2.8 | 94 |
| 9 | The DNA damage-recognition problem in human and other eukaryotic cells: the XPA damage binding protein. <i>Biochemical Journal</i> , 1997, 328, 1-12. | 3.7 | 92 |
| 10 | Functional characterization of single-nucleotide polymorphisms and haplotypes of human N-acetyltransferase 2. <i>Carcinogenesis</i> , 2007, 28, 1665-1671. | 2.8 | 91 |
| 11 | Adenosine deaminase (ADA) deficiency due to deletion of the ADA gene promoter and first exon by homologous recombination between two Alu elements. <i>Journal of Clinical Investigation</i> , 1988, 81, 1323-1327. | 8.2 | 88 |
| 12 | Evaluation of Aroclor 1260 exposure in a mouse model of diet-induced obesity and non-alcoholic fatty liver disease. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 380-390. | 2.8 | 85 |
| 13 | Identification of N-Acetyltransferase 2 (NAT2) Transcription Start Sites and Quantitation of NAT2-Specific mRNA in Human Tissues. <i>Drug Metabolism and Disposition</i> , 2007, 35, 721-727. | 3.3 | 83 |
| 14 | Human Receptor Activation by Aroclor 1260, a Polychlorinated Biphenyl Mixture. <i>Toxicological Sciences</i> , 2014, 140, 283-297. | 3.1 | 81 |
| 15 | Enhancing the efficacy of cisplatin in ovarian cancer treatment – could arsenic have a role. <i>Journal of Ovarian Research</i> , 2009, 2, 2. | 3.0 | 80 |
| 16 | In utero arsenic exposure induces early onset of atherosclerosis in ApoE ^{-/-} mice. <i>Reproductive Toxicology</i> , 2007, 23, 449-456. | 2.9 | 71 |
| 17 | Chronic subhepatotoxic exposure to arsenic enhances hepatic injury caused by high fat diet in mice. <i>Toxicology and Applied Pharmacology</i> , 2011, 257, 356-364. | 2.8 | 70 |
| 18 | Arsenic Disruption of DNA Damage Responses – Potential Role in Carcinogenesis and Chemotherapy. <i>Biomolecules</i> , 2015, 5, 2184-2193. | 4.0 | 68 |

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|----|---|------|-----------|
| 19 | Cell type-specific transcriptional regulation of the human adenosine deaminase gene. <i>Nucleic Acids Research</i> , 1989, 17, 1061-1076. | 14.5 | 64 |
| 20 | Distribution of mutations in the human xeroderma pigmentosum group A gene and their relationships to the functional regions of the DNA damage recognition protein. <i>Human Mutation</i> , 1998, 12, 103-113. | 2.5 | 60 |
| 21 | Evidence of sequences resembling avian retrovirus long terminal repeats flanking the trout protamine gene. <i>Journal of Molecular Evolution</i> , 1986, 23, 1-10. | 1.8 | 59 |
| 22 | Prenatal Arsenic Exposure Alters Gene Expression in the Adult Liver to a Proinflammatory State Contributing to Accelerated Atherosclerosis. <i>PLoS ONE</i> , 2012, 7, e38713. | 2.5 | 58 |
| 23 | The T341C (Ile114Thr) polymorphism of N-acetyltransferase 2 yields slow acetylator phenotype by enhanced protein degradation. <i>Pharmacogenetics and Genomics</i> , 2004, 14, 717-723. | 5.7 | 57 |
| 24 | Polychlorinated Biphenyl-Xenobiotic Nuclear Receptor Interactions Regulate Energy Metabolism, Behavior, and Inflammation in Non-alcoholic-Steatohepatitis. <i>Toxicological Sciences</i> , 2016, 149, 396-410. | 3.1 | 56 |
| 25 | Arsenic-induced changes in miRNA expression in cancer and other diseases. <i>Toxicology and Applied Pharmacology</i> , 2020, 409, 115306. | 2.8 | 56 |
| 26 | Arsenite Delays Progression through Each Cell Cycle Phase and Induces Apoptosis following G ₂ /M Arrest in U937 Myeloid Leukemia Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 313, 877-887. | 2.5 | 55 |
| 27 | Mutations in the human adenosine deaminase gene that affect protein structure and RNA splicing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 5947-5951. | 7.1 | 54 |
| 28 | Polymorphisms in the TNF- α and IL10 Gene Promoters and Risk of Arsenic-Induced Skin Lesions and Other Nondermatological Health Effects. <i>Toxicological Sciences</i> , 2011, 121, 132-139. | 3.1 | 54 |
| 29 | Evidence for increased translational efficiency in the induction of P450IIE1 by solvents: Analysis of P450IIE1 mRNA polyribosomal distribution. <i>Biochemical and Biophysical Research Communications</i> , 1990, 172, 767-774. | 2.1 | 53 |
| 30 | PAI-1 plays a protective role in CCl ₄ -induced hepatic fibrosis in mice: role of hepatocyte division. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G657-G666. | 3.4 | 51 |
| 31 | Impact of prenatal arsenic exposure on chronic adult diseases. <i>Systems Biology in Reproductive Medicine</i> , 2018, 64, 469-483. | 2.1 | 51 |
| 32 | Arsenite Disrupts Mitosis and Induces Apoptosis in SV40-Transformed Human Skin Fibroblasts. <i>Toxicology and Applied Pharmacology</i> , 2002, 180, 83-91. | 2.8 | 50 |
| 33 | Identification of the major promoter and non-coding exons of the human arylamine N-acetyltransferase 1 gene (NAT1). <i>Pharmacogenetics and Genomics</i> , 2004, 14, 397-406. | 5.7 | 50 |
| 34 | Functional Analysis of the Human N-Acetyltransferase 1 Major Promoter: Quantitation of Tissue Expression and Identification of Critical Sequence Elements. <i>Drug Metabolism and Disposition</i> , 2007, 35, 1649-1656. | 3.3 | 49 |
| 35 | miRNA dysregulation is an emerging modulator of genomic instability. <i>Seminars in Cancer Biology</i> , 2021, 76, 120-131. | 9.6 | 49 |
| 36 | Subhepatotoxic exposure to arsenic enhances lipopolysaccharide-induced liver injury in mice. <i>Toxicology and Applied Pharmacology</i> , 2008, 226, 128-139. | 2.8 | 48 |

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|----|--|------|-----------|
| 37 | p53 Suppression of Arsenite-Induced Mitotic Catastrophe Is Mediated by p21CIP1/WAF1. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 142-151. | 2.5 | 47 |
| 38 | Sequence homologtes in the protamine gene family of rainbow trout. <i>Nucleic Acids Research</i> , 1983, 11, 4907-4922. | 14.5 | 46 |
| 39 | Functional properties of an alternative, tissue-specific promoter for human arylamine N-acetyltransferase 1. <i>Pharmacogenetics and Genomics</i> , 2006, 16, 515-525. | 1.5 | 46 |
| 40 | Sodium arsenite and hyperthermia modulate cisplatin-DNA damage responses and enhance platinum accumulation in murine metastatic ovarian cancer xenograft after hyperthermic intraperitoneal chemotherapy (HIPEC). <i>Journal of Ovarian Research</i> , 2011, 4, 9. | 3.0 | 43 |
| 41 | Phosphorylation and Activation of Brain Tryptophan Hydroxylase: Identification of Serine58 as a Substrate Site for Protein Kinase A. <i>Journal of Neurochemistry</i> , 1997, 68, 2220-2223. | 3.9 | 42 |
| 42 | Nucleotide sequence of a protamine component CIIgene of <i>Salmo gairdnerii</i> . <i>Nucleic Acids Research</i> , 1982, 10, 4551-4563. | 14.5 | 41 |
| 43 | Sensitivity of myelomonocytic leukemia cells to arsenite-induced cell cycle disruption, apoptosis, and enhanced differentiation is dependent on the inter-relationship between arsenic concentration, duration of treatment, and cell cycle phase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2000, 295, 724-33. | 2.5 | 40 |
| 44 | Polymorphisms in the human xeroderma pigmentosum group A gene and their impact on cell survival and nucleotide excision repair. <i>DNA Repair</i> , 2002, 1, 531-546. | 2.8 | 39 |
| 45 | miRNA expression profiles of premalignant and malignant arsenic-induced skin lesions. <i>PLoS ONE</i> , 2018, 13, e0202579. | 2.5 | 38 |
| 46 | Organization of the histone genes in the rainbow trout (<i>Salmo gairdnerii</i>). <i>Journal of Molecular Evolution</i> , 1984, 20, 227-235. | 1.8 | 36 |
| 47 | 2-amino-1-methyl-6-phenylimidazo [4,5-b] pyridine-induced DNA adducts and genotoxicity in chinese hamster ovary (CHO) cells expressing human CYP1A2 and rapid or slow acetylator N-acetyltransferase 2. <i>Molecular Carcinogenesis</i> , 2007, 46, 553-563. | 2.7 | 36 |
| 48 | Sensitivity to sodium arsenite in human melanoma cells depends upon susceptibility to arsenite-induced mitotic arrest. <i>Toxicology and Applied Pharmacology</i> , 2008, 229, 252-261. | 2.8 | 36 |
| 49 | Mitotic arrest-associated apoptosis induced by sodium arsenite in A375 melanoma cells is BUBR1-dependent. <i>Toxicology and Applied Pharmacology</i> , 2008, 231, 61-67. | 2.8 | 36 |
| 50 | Precancerous and non-cancer disease endpoints of chronic arsenic exposure: The level of chromosomal damage and XRCC3 T241M polymorphism. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 706, 7-12. | 1.0 | 36 |
| 51 | Disruption of Mitotic Progression by Arsenic. <i>Biological Trace Element Research</i> , 2015, 166, 34-40. | 3.5 | 35 |
| 52 | Evaluation of the serum catalase and myeloperoxidase activities in chronic arsenic-exposed individuals and concomitant cytogenetic damage. <i>Toxicology and Applied Pharmacology</i> , 2010, 249, 47-54. | 2.8 | 34 |
| 53 | Isolation and fractionation of total nucleic acids from tissues and cells. <i>Journal of Proteomics</i> , 1986, 12, 29-36. | 2.4 | 33 |
| 54 | Arsenic-Induced Carcinogenesis: The Impact of miRNA Dysregulation. <i>Toxicological Sciences</i> , 2018, 165, 284-290. | 3.1 | 32 |

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|----|---|-----|-----------|
| 55 | Cadmium and High-Fat Diet Disrupt Renal, Cardiac and Hepatic Essential Metals. <i>Scientific Reports</i> , 2019, 9, 14675. | 3.3 | 32 |
| 56 | 2-Amino-3,8-Dimethylimidazo-[4,5-f]Quinoxaline-Induced DNA Adduct Formation and Mutagenesis in DNA Repair-Deficient Chinese Hamster Ovary Cells Expressing Human Cytochrome P4501A1 and Rapid or Slow Acetylator N-Acetyltransferase 2. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 1503-1509. | 2.5 | 31 |
| 57 | Arsenite-induced mitotic death involves stress response and is independent of tubulin polymerization. <i>Toxicology and Applied Pharmacology</i> , 2008, 230, 235-246. | 2.8 | 31 |
| 58 | Genetic and small molecule inhibition of arylamine N-acetyltransferase 1 reduces anchorage-independent growth in human breast cancer cell line MDA-MB-231. <i>Molecular Carcinogenesis</i> , 2018, 57, 549-558. | 2.7 | 31 |
| 59 | Identification of a deletion in the adenosine deaminase gene in a child with severe combined immunodeficiency. <i>Journal of Immunology</i> , 1987, 138, 3203-6. | 0.8 | 30 |
| 60 | A new family of repetitive, retroposon-like sequences in the genome of the rainbow trout. <i>FEBS Journal</i> , 1988, 176, 255-264. | 0.2 | 28 |
| 61 | Folate-dependent hydrolysis of acetyl-coenzyme A by recombinant human and rodent arylamine N-acetyltransferases. <i>Biochemistry and Biophysics Reports</i> , 2015, 3, 45-50. | 1.3 | 28 |
| 62 | Differentially Expressed mRNA Targets of Differentially Expressed miRNAs Predict Changes in the TP53 Axis and Carcinogenesis-Related Pathways in Human Keratinocytes Chronically Exposed to Arsenic. <i>Toxicological Sciences</i> , 2018, 162, 645-654. | 3.1 | 28 |
| 63 | Mutant human adenosine deaminase alleles and their expression by transfection into fibroblasts. <i>Journal of Biological Chemistry</i> , 1988, 263, 16291-16296. | 3.4 | 28 |
| 64 | Enhanced XPA mRNA levels in cisplatin-resistant human ovarian cancer are not associated with XPA mutations or gene amplification. <i>Cancer Letters</i> , 1996, 108, 233-237. | 7.2 | 27 |
| 65 | Retention of Cr(III) by high-performance chelation ion chromatography interfaced to inductively-coupled plasma mass spectrometric detection with collision cell. <i>Journal of Chromatography A</i> , 2004, 1024, 129-137. | 3.7 | 26 |
| 66 | Functional characterization of the A411T (L137F) and G364A (D122N) genetic polymorphisms in human N-acetyltransferase 2. <i>Pharmacogenetics and Genomics</i> , 2007, 17, 37-45. | 1.5 | 26 |
| 67 | Chronic exposure to cadmium induces a malignant transformation of benign prostate epithelial cells. <i>Oncogenesis</i> , 2020, 9, 23. | 4.9 | 26 |
| 68 | Dynamic alteration in miRNA and mRNA expression profiles at different stages of chronic arsenic exposure-induced carcinogenesis in a human cell culture model of skin cancer. <i>Archives of Toxicology</i> , 2021, 95, 2351-2365. | 4.2 | 25 |
| 69 | Organization and nucleotide sequence of rainbow trout histone H2A and H3 genes. <i>Journal of Molecular Evolution</i> , 1984, 20, 236-250. | 1.8 | 24 |
| 70 | No association between variant DNA repair genes and prostate cancer risk among men of African descent. <i>Prostate</i> , 2010, 70, 113-119. | 2.3 | 24 |
| 71 | Expression of human cytochrome P450 1A1 in DNA repair deficient and proficient human fibroblasts stably transformed with an inducible expression vector. <i>Carcinogenesis</i> , 1993, 14, 1643-1649. | 2.8 | 23 |
| 72 | Untargeted polar metabolomics of transformed MDA-MB-231 breast cancer cells expressing varying levels of human arylamine N-acetyltransferase 1. <i>Metabolomics</i> , 2016, 12, 1. | 3.0 | 23 |

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|----|--|-----|-----------|
| 73 | Sodium Arsenite ± Hyperthermia Sensitizes p53-Expressing Human Ovarian Cancer Cells to Cisplatin by Modulating Platinum-DNA Damage Responses. <i>Toxicological Sciences</i> , 2012, 127, 139-149. | 3.1 | 22 |
| 74 | Tryptophan Hydroxylase: Cloning and Expression of the Rat Brain Enzyme in Mammalian Cells. <i>Journal of Neurochemistry</i> , 2002, 67, 900-906. | 3.9 | 21 |
| 75 | General method for isolation of DNA sequences that interact with specific nuclear proteins in chromosomes: binding of the high mobility group protein HMG-T to a subset of the protamine gene family. <i>Biochemistry</i> , 1985, 24, 8021-8028. | 2.5 | 19 |
| 76 | Exit from Arsenite-Induced Mitotic Arrest Is p53 Dependent. <i>Environmental Health Perspectives</i> , 2006, 114, 1401-1406. | 6.0 | 19 |
| 77 | Effect of rapid human N-acetyltransferase 2 haplotype on DNA damage and mutagenesis induced by 2-amino-3-methylimidazo-[4,5-f]quinoline (IQ) and 2-amino-3,8-dimethylimidazo-[4,5-f]quinoxaline (MeIQx). <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 684, 66-73. | 1.0 | 19 |
| 78 | Arsenite Exposure Displaces Zinc from ZRANB2 Leading to Altered Splicing. <i>Chemical Research in Toxicology</i> , 2020, 33, 1403-1417. | 3.3 | 19 |
| 79 | Quantitative Tissue and Gene-Specific Differences and Developmental Changes in <i>Nat1</i> , <i>Nat2</i> , and <i>Nat3</i> mRNA Expression in the Rat. <i>Drug Metabolism and Disposition</i> , 2008, 36, 2445-2451. | 3.3 | 18 |
| 80 | Functional effects of genetic polymorphisms in the N-acetyltransferase 1 coding and 3' untranslated regions. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011, 91, 77-84. | 1.6 | 18 |
| 81 | NATb/ <i>NAT1*4</i> promotes greater arylamine N-acetyltransferase 1 mediated DNA adducts and mutations than NATa/ <i>NAT1*4</i> following exposure to 4-aminobiphenyl. <i>Molecular Carcinogenesis</i> , 2012, 51, 636-646. | 2.7 | 18 |
| 82 | Organization and Evolution of the Protamine Genes of Salmonid Fishes. , 1985, , 287-314. | | 18 |
| 83 | XP-A cells complemented with Arg228Gln and Val234Leu polymorphic XPA alleles repair BPDE-induced DNA damage better than cells complemented with the wild type allele. <i>DNA Repair</i> , 2005, 4, 341-349. | 2.8 | 17 |
| 84 | Delayed Temporal Increase of Hepatic Hsp70 in ApoE Knockout Mice After Prenatal Arsenic Exposure. <i>Toxicological Sciences</i> , 2013, 131, 225-233. | 3.1 | 17 |
| 85 | Functional analysis of arylamine N-acetyltransferase 1 (NAT1) <i>NAT1*10</i> haplotypes in a complete NATb mRNA construct. <i>Carcinogenesis</i> , 2012, 33, 348-355. | 2.8 | 16 |
| 86 | Cisplatin Plus Sodium Arsenite and Hyperthermia Induces Pseudo-G1 Associated Apoptotic Cell Death in Ovarian Cancer Cells. <i>Toxicological Sciences</i> , 2014, 139, 74-82. | 3.1 | 16 |
| 87 | High N-Acetyltransferase 1 Expression is Associated with Estrogen Receptor Expression in Breast Tumors, but is not Under Direct Regulation by Estradiol, 5 α -androstane-3 β -Diol, or Dihydrotestosterone in Breast Cancer Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> . 2018. 365. 84-93. | 2.5 | 16 |
| 88 | Overexpression of hsa-miR-186 induces chromosomal instability in arsenic-exposed human keratinocytes. <i>Toxicology and Applied Pharmacology</i> , 2019, 378, 114614. | 2.8 | 16 |
| 89 | Temporal Modulation of Differential Alternative Splicing in HaCaT Human Keratinocyte Cell Line Chronically Exposed to Arsenic for up to 28 Wk. <i>Environmental Health Perspectives</i> , 2022, 130, 17011. | 6.0 | 16 |
| 90 | Congenetic rats with higher arylamine N-acetyltransferase 2 activity exhibit greater carcinogen-induced mammary tumor susceptibility independent of carcinogen metabolism. <i>BMC Cancer</i> , 2017, 17, 233. | 2.6 | 15 |

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|-----|--|-----|-----------|
| 91 | Splice site mutations in a xeroderma pigmentosum group A patient with delayed onset of neurological disease. <i>Mutation Research DNA Repair</i> , 1996, 363, 171-177. | 3.7 | 14 |
| 92 | Incision of trivalent chromium [Cr(III)]-induced DNA damage by <i>Bacillus caldotenax</i> UvrABC endonuclease. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 610, 85-92. | 1.7 | 14 |
| 93 | Suppression of p53 and p21 ^{CIP1/WAF1} Reduces Arsenite-Induced Aneuploidy. <i>Chemical Research in Toxicology</i> , 2010, 23, 357-364. | 3.3 | 14 |
| 94 | Differential mutagenicity and cytotoxicity of (±)-benzo[a]pyrene-trans-7,8-dihydrodiol and (±)-anti-benzo[a]pyrene-trans-7,8-dihydrodiol-9, 10-epoxide in genetically engineered human fibroblasts. <i>Molecular Carcinogenesis</i> , 1995, 12, 91-102. | 2.7 | 13 |
| 95 | Preferential DNA damage in the p53 gene by benzo[a]pyrene metabolites in cytochrome P4501A1-expressing xeroderma pigmentosum group A cells. , 1996, 16, 32-43. | | 13 |
| 96 | Role of human CYP1A1 and NAT2 in 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine-induced mutagenicity and DNA adducts. <i>Xenobiotica</i> , 2009, 39, 399-406. | 1.1 | 13 |
| 97 | Phenotype of the Most Common "Slow Acetylator" Arylamine N-Acetyltransferase 1 Genetic Variant (NAT1*14B) Is Substrate-Dependent. <i>Drug Metabolism and Disposition</i> , 2012, 40, 198-204. | 3.3 | 13 |
| 98 | Stable transformation of xeroderma pigmentosum group A cells with an XPA minigene restores normal DNA repair and mutagenesis of UV-treated plasmids. <i>Carcinogenesis</i> , 1996, 17, 1909-1917. | 2.8 | 12 |
| 99 | Supercoiled DNA Promotes Formation of Intercalated cis-N2-Deoxyguanine Adducts and Base-Stacked trans-N2-Deoxyguanine Adducts by (+)-7R,8S-Dihydrodiol-9S,10R-epoxy-7,8,9,10-tetrahydrobenzo[a]pyrene. <i>Chemical Research in Toxicology</i> , 2004, 17, 330-339. | 3.3 | 12 |
| 100 | Cell cycle pathway dysregulation in human keratinocytes during chronic exposure to low arsenite. <i>Toxicology and Applied Pharmacology</i> , 2017, 331, 130-134. | 2.8 | 12 |
| 101 | Robust Incision of Benzo[a]pyrene-7,8-dihydrodiol-9,10-epoxide~DNA Adducts by a Recombinant Thermoresistant Interspecies Combination UvrABC Endonuclease System. <i>Biochemistry</i> , 2006, 45, 7834-7843. | 2.5 | 11 |
| 102 | Chronic arsenic exposure suppresses ATM pathway activation in human keratinocytes. <i>Toxicology and Applied Pharmacology</i> , 2022, 446, 116042. | 2.8 | 11 |
| 103 | Cytotoxicity and genotoxicity of (±)-benzo[a]pyrene-trans-7,8-dihydrodiol in CYP1A1-expressing human fibroblasts quantitatively correlate with CYP1A1 expression level. <i>Carcinogenesis</i> , 1994, 15, 1827-1832. | 2.8 | 10 |
| 104 | Role of Human N-Acetyltransferase 2 Genetic Polymorphism on Aromatic Amine Carcinogen-Induced DNA Damage and Mutagenicity in a Chinese Hamster Ovary Cell Mutation Assay. <i>Environmental and Molecular Mutagenesis</i> , 2020, 61, 235-245. | 2.2 | 10 |
| 105 | Rapid onset of multiple concurrent squamous cell carcinomas associated with the use of an arsenic-containing traditional medicine for chronic plaque psoriasis. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2017-222645. | 0.5 | 9 |
| 106 | Chronic and acute arsenic exposure enhance EGFR expression via distinct molecular mechanisms. <i>Toxicology in Vitro</i> , 2020, 67, 104925. | 2.4 | 9 |
| 107 | Characterization of the human XPA promoter. <i>Gene</i> , 1995, 166, 341-342. | 2.2 | 8 |
| 108 | Reduced sulfhydryls maintain specific incision of BPDE~DNA adducts by recombinant thermoresistant <i>Bacillus caldotenax</i> UvrABC endonuclease. <i>Protein Expression and Purification</i> , 2003, 31, 88-98. | 1.3 | 8 |

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|-----|--|------|-----------|
| 109 | Telomerase-immortalized human fibroblasts retain UV-induced mutagenesis and p53-mediated DNA damage responses. <i>DNA Repair</i> , 2006, 5, 61-70. | 2.8 | 7 |
| 110 | The Cockayne syndrome group B DNA repair protein as an anti-cancer target. <i>International Journal of Oncology</i> , 2001, 19, 1089-97. | 3.3 | 6 |
| 111 | Acetylation of putative arylamine and alkylaniline carcinogens in immortalized human fibroblasts transfected with rapid and slow acetylator N-acetyltransferase 2 haplotypes. <i>Archives of Toxicology</i> , 2021, 95, 311-319. | 4.2 | 6 |
| 112 | Delineating the Effects of Passaging and Exposure in a Longitudinal Study of Arsenic-Induced Squamous Cell Carcinoma in a HaCaT Cell Line Model. <i>Toxicological Sciences</i> , 2022, 185, 184-196. | 3.1 | 6 |
| 113 | Systems approach to identify environmental exposures contributing to organ-specific carcinogenesis. <i>Cancer Epidemiology</i> , 2014, 38, 321-327. | 1.9 | 5 |
| 114 | Co-Induction of Tetrahydrobiopterin (BH4) Levels and Tyrosine Hydroxylase Activity in Cultured PC12 Cells. <i>Advances in Experimental Medicine and Biology</i> , 1993, 338, 227-230. | 1.6 | 4 |
| 115 | Zinc supplementation prevents arsenic-induced dysregulation of ZRANB2 splice function. <i>Environmental Toxicology and Pharmacology</i> , 2022, 94, 103921. | 4.0 | 4 |
| 116 | Poly (ADP-ribose) polymerase activity of aortic nuclei from swine on hyperlipemic diet. <i>Journal of Molecular and Cellular Cardiology</i> , 1982, 14, 63-70. | 1.9 | 1 |
| 117 | Increased thermal stability of solubilized chromatin after poly(ADP-ribose) synthesis. <i>Bioscience Reports</i> , 1983, 3, 847-856. | 2.4 | 1 |
| 118 | An STS in the human adenosine deaminase gene (located 20q12-q13.11). <i>Nucleic Acids Research</i> , 1991, 19, 5084-5084. | 14.5 | 1 |
| 119 | Special Issue in Honor of Gordon H. Dixon. <i>Systems Biology in Reproductive Medicine</i> , 2018, 64, 399-402. | 2.1 | 1 |
| 120 | Early onset of atherosclerosis in ApoE ϵ 3 knockout mice is induced by in utero arsenic exposure. <i>FASEB Journal</i> , 2007, 21, A810. | 0.5 | 1 |
| 121 | A gel electrophoresis system for resolving over 500 nucleotides with a single sample loading. <i>BioTechniques</i> , 1991, 11, 46-8. | 1.8 | 1 |
| 122 | An STS in the human skeletal α -actin gene. <i>Nucleic Acids Research</i> , 1991, 19, 5086-5086. | 14.5 | 0 |
| 123 | An STS in the human cytoskeletal β -actin gene. <i>Nucleic Acids Research</i> , 1991, 19, 5085-5085. | 14.5 | 0 |
| 124 | Functional analysis of arylamine N-acetyltransferase 1 (NAT1) NAT1*10 haplotypes in a complete NAT1 mRNA construct. <i>Carcinogenesis</i> , 2012, 33, 1431-1431. | 2.8 | 0 |
| 125 | Arsenic Carcinogenesis. <i>Molecular and Integrative Toxicology</i> , 2017, , 95-111. | 0.5 | 0 |
| 126 | Arsenite-induced mitotic death is distinct from both nocodazole and Taxol. <i>FASEB Journal</i> , 2007, 21, A806. | 0.5 | 0 |

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|-----|---|-----|-----------|
| 127 | Sodium arsenite alters cell cycle progression and induces apoptosis in melanoma cell lines. FASEB Journal, 2007, 21, A806. | 0.5 | 0 |
| 128 | Variant Base Excision Repair Genes (hOGG1, APE1, XRCC1) and Prostate Cancer Risk in African-American Men. FASEB Journal, 2007, 21, A421. | 0.5 | 0 |
| 129 | Functional analysis of the human N-acetyltransferase 1 (NAT1) major promoter: Quantitation of tissue expression and identification of critical sequence elements. FASEB Journal, 2007, 21, A195. | 0.5 | 0 |
| 130 | Human rapid acetylator N-acetyltransferase 2 (NAT2) genotype leads to greater mutagenesis and DNA damage than slow acetylator NAT2 genotype in DNA-deficient Chinese Hamster Ovary (CHO) cells treated with arylamine carcinogens. FASEB Journal, 2007, 21, A414. | 0.5 | 0 |
| 131 | Significantly higher 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline-induced DNA adducts and mutagenesis in Chinese hamster ovary cells expressing human CYP1A1 and rapid or slow acetylator N-acetyltransferase 2. FASEB Journal, 2007, 21, A414. | 0.5 | 0 |
| 132 | Functional effects of N-acetyltransferase 1 (NAT1*10) polymorphisms. FASEB Journal, 2009, 23, LB394. | 0.5 | 0 |
| 133 | Abstract 1326: Systems approach to identifying potential environmental exposures playing a role in ovarian carcinogenesis. , 2011, , . | | 0 |
| 134 | Identification and Characterization of Novel Arylamine NAcetyltransferase Small Molecule Inhibitors. FASEB Journal, 2012, 26, 851.16. | 0.5 | 0 |
| 135 | The Role of Arylamine N-acetyltransferase 1 in Breast Cancer Progression. FASEB Journal, 2013, 27, lb579. | 0.5 | 0 |
| 136 | Abstract 212: Withaferin A in combination with cisplatin targets CD44 and Oct4 positive cancer stem cells in ovarian cancer. , 2014, , . | | 0 |
| 137 | 2020-2021 Toxicological Sciences Paper of the Year. Toxicological Sciences, 2022, 186, 177-178. | 3.1 | 0 |