J Christopher States

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144 papers	3,899 citations	37 h-index	56 g-index
150 ext. papers	4,286 ext. citations	4.8 avg, IF	5.17 L-index

#	Paper	IF	Citations
144	Arsenic and cardiovascular disease. *Toxicological Sciences*, **2009**, 107, 312-23	4.4	228
143	A summary of mutations in the UV-sensitive disorders: xeroderma pigmentosum, Cockayne syndrome, and trichothiodystrophy. *Human Mutation*, **1999**, 14, 9-22	4.7	170
142	Complete sequence and structure of the gene for human adenosine deaminase. *Biochemistry*, **1986**, 25, 8234-44	3.2	145
141	Predicting later-life outcomes of early-life exposures. *Environmental Health Perspectives*, **2012**, 120, 1353-61	8.4	124
140	Arsenic exposure through drinking water increases the risk of liver and cardiovascular diseases in the population of West Bengal, India. *BMC Public Health*, **2012**, 12, 639	4.1	88
139	The DNA damage-recognition problem in human and other eukaryotic cells: the XPA damage binding protein. *Biochemical Journal*, **1997**, 328 (Pt 1), 1-12	3.8	85
138	Metals and disorders of cell accumulation: modulation of apoptosis and cell proliferation. *Toxicological Sciences*, **2000**, 56, 255-61	4.4	83
137	Arsenic exacerbates atherosclerotic lesion formation and inflammation in ApoE-/- mice. *Toxicology and Applied Pharmacology*, **2009**, 241, 90-100	4.6	79
136	Functional analysis of arylamine N-acetyltransferase 1 (NAT1) NAT1*10 haplotypes in a complete NATb mRNA construct. *Carcinogenesis*, **2012**, 33, 1431-1431	4.6	78
135	Arsenic toxicology: translating between experimental models and human pathology. *Environmental Health Perspectives*, **2011**, 119, 1356-63	8.4	75
134	Identification of N-acetyltransferase 2 (NAT2) transcription start sites and quantitation of NAT2-specific mRNA in human tissues. *Drug Metabolism and Disposition*, **2007**, 35, 721-7	4	75
133	Functional characterization of single-nucleotide polymorphisms and haplotypes of human N-acetyltransferase 2. *Carcinogenesis*, **2007**, 28, 1665-71	4.6	75
132	Adenosine deaminase (ADA) deficiency due to deletion of the ADA gene promoter and first exon by homologous recombination between two Alu elements. *Journal of Clinical Investigation*, **1988**, 81, 1323-7	15.9	72
131	Enhancing the efficacy of cisplatin in ovarian cancer treatment - could arsenic have a role. *Journal of Ovarian Research*, **2009**, 2, 2	5.5	68
130	Evaluation of Aroclor 1260 exposure in a mouse model of diet-induced obesity and non-alcoholic fatty liver disease. *Toxicology and Applied Pharmacology*, **2014**, 279, 380-390	4.6	67
129	Cell type-specific transcriptional regulation of the human adenosine deaminase gene. *Nucleic Acids Research*, **1989**, 17, 1061-76	20.1	63
128	Human receptor activation by aroclor 1260, a polychlorinated biphenyl mixture. *Toxicological Sciences*, **2014**, 140, 283-97	4.4	60

127	In utero arsenic exposure induces early onset of atherosclerosis in ApoE-/- mice. *Reproductive Toxicology*, **2007**, 23, 449-56	3.4	58
126	Evidence of sequences resembling avian retrovirus long terminal repeats flanking the trout protamine gene. *Journal of Molecular Evolution*, **1986**, 23, 1-10	3.1	58
125	Distribution of mutations in the human xeroderma pigmentosum group A gene and their relationships to the functional regions of the DNA damage recognition protein. *Human Mutation*, **1998**, 12, 103-13	4.7	53
124	The T341C (Ile114Thr) polymorphism of N-acetyltransferase 2 yields slow acetylator phenotype by enhanced protein degradation. *Pharmacogenetics and Genomics*, **2004**, 14, 717-23		53
123	Arsenite delays progression through each cell cycle phase and induces apoptosis following G2/M arrest in U937 myeloid leukemia cells. *Journal of Pharmacology and Experimental Therapeutics*, **2005** , 313, 877-87	4.7	52
122	Evidence for increased translational efficiency in the induction of P450IIE1 by solvents: analysis of P450IIE1 mRNA polyribosomal distribution. *Biochemical and Biophysical Research Communications*, **1990**, 172, 767-74	3.4	52
121	Chronic subhepatotoxic exposure to arsenic enhances hepatic injury caused by high fat diet in mice. *Toxicology and Applied Pharmacology*, **2011**, 257, 356-64	4.6	51
120	Prenatal arsenic exposure alters gene expression in the adult liver to a proinflammatory state contributing to accelerated atherosclerosis. *PLoS ONE*, **2012**, 7, e38713	3.7	48
119	Identification of the major promoter and non-coding exons of the human arylamine N-acetyltransferase 1 gene (NAT1). *Pharmacogenetics and Genomics*, **2004**, 14, 397-406		47
118	Functional analysis of the human N-acetyltransferase 1 major promoter: quantitation of tissue expression and identification of critical sequence elements. *Drug Metabolism and Disposition*, **2007**, 35, 1649-56	4	45
117	Arsenite disrupts mitosis and induces apoptosis in SV40-transformed human skin fibroblasts. *Toxicology and Applied Pharmacology*, **2002**, 180, 83-91	4.6	44
116	p53 suppression of arsenite-induced mitotic catastrophe is mediated by p21CIP1/WAF1. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 318, 142-51	4.7	43
115	Functional properties of an alternative, tissue-specific promoter for human arylamine N-acetyltransferase 1. *Pharmacogenetics and Genomics*, **2006**, 16, 515-25	1.9	43
114	Mutations in the human adenosine deaminase gene that affect protein structure and RNA splicing. *Proceedings of the National Academy of Sciences of the United States of America*, **1987**, 84, 5947-51	11.5	42
113	Sequence homologies in the protamine gene family of rainbow trout. *Nucleic Acids Research*, **1983**, 11, 4907-22	20.1	42
112	Polychlorinated Biphenyl-Xenobiotic Nuclear Receptor Interactions Regulate Energy Metabolism, Behavior, and Inflammation in Non-alcoholic-Steatohepatitis. *Toxicological Sciences*, **2016**, 149, 396-410	4.4	41
111	PAI-1 plays a protective role in CCl4-induced hepatic fibrosis in mice: role of hepatocyte division. *American Journal of Physiology - Renal Physiology*, **2010**, 298, G657-66	5.1	41
110	Arsenic Disruption of DNA Damage Responses-Potential Role in Carcinogenesis and Chemotherapy. *Biomolecules*, **2015**, 5, 2184-93	5.9	40

109	Subhepatotoxic exposure to arsenic enhances lipopolysaccharide-induced liver injury in mice. *Toxicology and Applied Pharmacology*, **2008**, 226, 128-39	4.6	38
108	Sodium arsenite and hyperthermia modulate cisplatin-DNA damage responses and enhance platinum accumulation in murine metastatic ovarian cancer xenograft after hyperthermic intraperitoneal chemotherapy (HIPEC). *Journal of Ovarian Research*, **2011**, 4, 9	5.5	37
107	Nucleotide sequence of a protamine component CII gene of Salmo gairdnerii. *Nucleic Acids Research*, **1982**, 10, 4551-63	20.1	37
106	Polymorphisms in the TNF-□ and IL10 gene promoters and risk of arsenic-induced skin lesions and other nondermatological health effects. *Toxicological Sciences*, **2011**, 121, 132-9	4.4	36
105	Phosphorylation and activation of brain tryptophan hydroxylase: identification of serine-58 as a substrate site for protein kinase A. *Journal of Neurochemistry*, **1997**, 68, 2220-3	6	36
104	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. *Journal of Pharmacology and Experimental Therapeutics*, **2008**, 325, 724-33	4.7	35
103	Mitotic arrest-associated apoptosis induced by sodium arsenite in A375 melanoma cells is BUBR1-dependent. *Toxicology and Applied Pharmacology*, **2008**, 231, 61-7	4.6	34
102	Polymorphisms in the human xeroderma pigmentosum group A gene and their impact on cell survival and nucleotide excision repair. *DNA Repair*, **2002**, 1, 531-46	4.3	32
101	Sensitivity to sodium arsenite in human melanoma cells depends upon susceptibility to arsenite-induced mitotic arrest. *Toxicology and Applied Pharmacology*, **2008**, 229, 252-61	4.6	31
100	Organization of the histone genes in the rainbow trout (Salmo gairdnerii). *Journal of Molecular Evolution*, **1984**, 20, 227-35	3.1	31
99	Evaluation of the serum catalase and myeloperoxidase activities in chronic arsenic-exposed individuals and concomitant cytogenetic damage. *Toxicology and Applied Pharmacology*, **2010**, 249, 47-54	4.6	30
98	Identification of a deletion in the adenosine deaminase gene in a child with severe combined immunodeficiency. *Journal of Immunology*, **1987**, 138, 3203-6	5.3	30
97	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. *Molecular Carcinogenesis*, **2007**, 46, 553-63	5	29
96	miRNA expression profiles of premalignant and malignant arsenic-induced skin lesions. *PLoS ONE*, **2018**, 13, e0202579	3.7	27
95	Impact of prenatal arsenic exposure on chronic adult diseases. *Systems Biology in Reproductive Medicine*, **2018**, 64, 469-483	2.9	27
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91	Enhanced XPA mRNA levels in cisplatin-resistant human ovarian cancer are not associated with XPA mutations or gene amplification. *Cancer Letters*, **1996**, 108, 233-7	9.9	25
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77	Tryptophan hydroxylase: cloning and expression of the rat brain enzyme in mammalian cells. *Journal of Neurochemistry*, **1996**, 67, 900-6	6	19
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69	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. *DNA Repair*, **2005**, 4, 341-9	4.3	17
68	Delayed temporal increase of hepatic Hsp70 in ApoE knockout mice after prenatal arsenic exposure. *Toxicological Sciences*, **2013**, 131, 225-33	4.4	16
67	Quantitative tissue and gene-specific differences and developmental changes in Nat1, Nat2, and Nat3 mRNA expression in the rat. *Drug Metabolism and Disposition*, **2008**, 36, 2445-51	4	16
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64	Functional analysis of arylamine N-acetyltransferase 1 (NAT1) NAT1*10 haplotypes in a complete NATb mRNA construct. *Carcinogenesis*, **2012**, 33, 348-55	4.6	14
63	Organization and Evolution of the Protamine Genes of Salmonid Fishes **1985**, 287-314		14
62	Suppression of p53 and p21CIP1/WAF1 reduces arsenite-induced aneuploidy. *Chemical Research in Toxicology*, **2010**, 23, 357-64	4	13
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59	Role of human CYP1A1 and NAT2 in 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine-induced mutagenicity and DNA adducts. *Xenobiotica*, **2009**, 39, 399-406	2	12
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57	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-tetra-hydrobenzo[a]pyrene. *Chemical Research in Toxicology*, **2004**, 17, 330-9	4	12
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55	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. *Molecular Carcinogenesis*, **1995**, 12, 91-102	5	12
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43	Characterization of the human XPA promoter. *Gene*, **1995**, 166, 341-2	3.8	8
42	Reduced sulfhydryls maintain specific incision of BPDE-DNA adducts by recombinant thermoresistant Bacillus caldotenax UvrABC endonuclease. *Protein Expression and Purification*, **2003**, 31, 88-98	2	7
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40	Telomerase-immortalized human fibroblasts retain UV-induced mutagenesis and p53-mediated DNA damage responses. *DNA Repair*, **2006**, 5, 61-70	4.3	6
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35	The Cockayne syndrome group B DNA repair protein as an anti-cancer target. *International Journal of Oncology*, **2001**, 19, 1089-97	1	4
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33	Co-induction of tetrahydrobiopterin (BH4) levels and tyrosine hydroxylase activity in cultured PC12 cells. *Advances in Experimental Medicine and Biology*, **1993**, 338, 227-30	3.6	4
32	Delineating the Effects of Passaging and Exposure in a Longitudinal Study of Arsenic-Induced Squamous Cell Carcinoma in a HaCaT Cell Line Model. *Toxicological Sciences*, **2021**,	4.4	2
31	Genotoxicity347-367		2
30	Increased thermal stability of solubilized chromatin after poly(ADP-ribose) synthesis. *Bioscience Reports*, **1983**, 3, 847-56	4.1	1
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26	Special Issue in Honor of Gordon H. Dixon. *Systems Biology in Reproductive Medicine*, **2018**, 64, 399-402	2.9	1
25	Hepatotoxicity249-265		1
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23	Cancer Induced by Exposure to Arsenicals in Animals439-452		1
22	Arsenic-Induced Cardiovascular Disease453-467		1
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20	Arsenic Carcinogenesis. *Molecular and Integrative Toxicology*, **2017**, 95-111	0.5	

19	Epigenetics and Arsenic Toxicity **2015**, 421-437	
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14	Sodium arsenite alters cell cycle progression and induces apoptosis in melanoma cell lines. *FASEB Journal*, **2007**, 21, A806	0.9
13	Variant Base Excision Repair Genes (hOGG1, APE1, XRCC1) and Prostate Cancer Risk in African-American Men. *FASEB Journal*, **2007**, 21, A421	0.9
12	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	0.9
11	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	0.9
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9	Role in Chemotherapy315-345	
8	Stem Cell Targeting and Alteration by Arsenic397-420	
7	Genetic Epidemiology of Susceptibility to Arsenic-Induced Diseases267-288	
6	Arsenic and Signal Transduction369-396	
5	Translating Experimental Data to Human Populations535-548	
4	Functional effects of N-acetyltransferase 1 (NAT1*10) polymorphisms. *FASEB Journal*, **2009**, 23, LB394	0.9
3	Identification and Characterization of Novel Arylamine NAcetyltransferase Small Molecule Inhibitors. *FASEB Journal*, **2012**, 26, 851.16	0.9
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