J Christopher States

List of Publications by Year in Descending Order

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	Temporal Modulation of Differential Alternative Splicing in HaCaT Human Keratinocyte Cell Line Chronically Exposed to Arsenic for up to 28 Wk.. *Environmental Health Perspectives*, **2022**, 130, 17011	8.4	1
143	2020-2021 Toxicological Sciences Paper of the Year.. *Toxicological Sciences*, **2022**, 186, 177-178	4.4	
142	Chronic arsenic exposure suppresses ATM pathway activation in human keratinocytes.. *Toxicology and Applied Pharmacology*, **2022**, 446, 116042	4.6	1
141	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
140	miRNA dysregulation is an emerging modulator of genomic instability. *Seminars in Cancer Biology*, **2021**, 76, 120-131	12.7	5
139	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. *Archives of Toxicology*, **2021**, 95, 2351-2365	5.8	11
138	Acetylation of putative arylamine and alkylaniline carcinogens in immortalized human fibroblasts transfected with rapid and slow acetylator N-acetyltransferase 2 haplotypes. *Archives of Toxicology*, **2021**, 95, 311-319	5.8	4
137	Chronic and acute arsenic exposure enhance EGFR expression via distinct molecular mechanisms. *Toxicology in Vitro*, **2020**, 67, 104925	3.6	6
136	Chronic exposure to cadmium induces a malignant transformation of benign prostate epithelial cells. *Oncogenesis*, **2020**, 9, 23	6.6	12
135	Arsenic-induced changes in miRNA expression in cancer and other diseases. *Toxicology and Applied Pharmacology*, **2020**, 409, 115306	4.6	18
134	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. *Environmental and Molecular Mutagenesis*, **2020**, 61, 235-245	3.2	5
133	Arsenite Exposure Displaces Zinc from ZRANB2 Leading to Altered Splicing. *Chemical Research in Toxicology*, **2020**, 33, 1403-1417	4	9
132	Overexpression of hsa-miR-186 induces chromosomal instability in arsenic-exposed human keratinocytes. *Toxicology and Applied Pharmacology*, **2019**, 378, 114614	4.6	8
131	Cadmium and High-Fat Diet Disrupt Renal, Cardiac and Hepatic Essential Metals. *Scientific Reports*, **2019**, 9, 14675	4.9	18
130	High N-Acetyltransferase 1 Expression Is Associated with Estrogen Receptor Expression in Breast Tumors, but Is not Under Direct Regulation by Estradiol, 5-androstane-3,17-Diol, or Dihydrotestosterone in Breast Cancer Cells. *Journal of Pharmacology and Experimental Therapeutics*	4.7	10
129	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. *Toxicological Sciences*, **2018**, 162, 645-654	4.4	21
128	Genetic and small molecule inhibition of arylamine N-acetyltransferase 1 reduces anchorage-independent growth in human breast cancer cell line MDA-MB-231. *Molecular Carcinogenesis*, **2018**, 57, 549-558	5	24

127	miRNA expression profiles of premalignant and malignant arsenic-induced skin lesions. *PLoS ONE*, **2018**, 13, e0202579	3.7	27
126	Impact of prenatal arsenic exposure on chronic adult diseases. *Systems Biology in Reproductive Medicine*, **2018**, 64, 469-483	2.9	27
125	Rapid onset of multiple concurrent squamous cell carcinomas associated with the use of an arsenic-containing traditional medicine for chronic plaque psoriasis. *BMJ Case Reports*, **2018**, 2018,	0.9	5
124	Special Issue in Honor of Gordon H. Dixon. *Systems Biology in Reproductive Medicine*, **2018**, 64, 399-402	2.9	1
123	Arsenic-Induced Carcinogenesis: The Impact of miRNA Dysregulation. *Toxicological Sciences*, **2018**, 165, 284-290	4.4	22
122	Cell cycle pathway dysregulation in human keratinocytes during chronic exposure to low arsenite. *Toxicology and Applied Pharmacology*, **2017**, 331, 130-134	4.6	8
121	Arsenic Carcinogenesis. *Molecular and Integrative Toxicology*, **2017**, 95-111	0.5	
120	Congenic rats with higher arylamine N-acetyltransferase 2 activity exhibit greater carcinogen-induced mammary tumor susceptibility independent of carcinogen metabolism. *BMC Cancer*, **2017**, 17, 233	4.8	12
119	Untargeted polar metabolomics of transformed MDA-MB-231 breast cancer cells expressing varying levels of human arylamine -acetyltransferase 1. *Metabolomics*, **2016**, 12, 1	4.7	20
118	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
117	Disruption of Mitotic Progression by Arsenic. *Biological Trace Element Research*, **2015**, 166, 34-40	4.5	22
116	Folate-Dependent Hydrolysis of Acetyl-Coenzyme A by Recombinant Human and Rodent Arylamine N-Acetyltransferases. *Biochemistry and Biophysics Reports*, **2015**, 3, 45-50	2.2	22
115	Arsenic Disruption of DNA Damage Responses-Potential Role in Carcinogenesis and Chemotherapy. *Biomolecules*, **2015**, 5, 2184-93	5.9	40
114	Epigenetics and Arsenic Toxicity **2015**, 421-437		
113	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
112	Systems approach to identify environmental exposures contributing to organ-specific carcinogenesis. *Cancer Epidemiology*, **2014**, 38, 321-7	2.8	5
111	Human receptor activation by aroclor 1260, a polychlorinated biphenyl mixture. *Toxicological Sciences*, **2014**, 140, 283-97	4.4	60
110	Cisplatin plus sodium arsenite and hyperthermia induces pseudo-G1 associated apoptotic cell death in ovarian cancer cells. *Toxicological Sciences*, **2014**, 139, 74-82	4.4	14

109	Delayed temporal increase of hepatic Hsp70 in ApoE knockout mice after prenatal arsenic exposure. *Toxicological Sciences*, **2013**, 131, 225-33	4.4	16
108	The Role of Arylamine N-acetyltransferase 1 in Breast Cancer Progression. *FASEB Journal*, **2013**, 27, lb570	0.9	
107	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
106	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
105	Predicting later-life outcomes of early-life exposures. *Environmental Health Perspectives*, **2012**, 120, 1353-61	8.4	124
104	NATb/NAT1*4 promotes greater arylamine N-acetyltransferase 1 mediated DNA adducts and mutations than NATa/NAT1*4 following exposure to 4-aminobiphenyl. *Molecular Carcinogenesis*, **2012**, 51, 636-46	5	14
103	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
102	Sodium arsenite □ hyperthermia sensitizes p53-expressing human ovarian cancer cells to cisplatin by modulating platinum-DNA damage responses. *Toxicological Sciences*, **2012**, 127, 139-49	4.4	20
101	Phenotype of the most common "slow acetylator" arylamine N-acetyltransferase 1 genetic variant (NAT1*14B) is substrate-dependent. *Drug Metabolism and Disposition*, **2012**, 40, 198-204	4	10
100	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
99	Identification and Characterization of Novel Arylamine NAcetyltransferase Small Molecule Inhibitors. *FASEB Journal*, **2012**, 26, 851.16	0.9	
98	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
97	Precancerous and non-cancer disease endpoints of chronic arsenic exposure: the level of chromosomal damage and XRCC3 T241M polymorphism. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2011**, 706, 7-12	3.3	25
96	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
95	Functional effects of genetic polymorphisms in the N-acetyltransferase 1 coding and 3R untranslated regions. *Birth Defects Research Part A: Clinical and Molecular Teratology*, **2011**, 91, 77-84		17
94	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
93	Arsenic toxicology: translating between experimental models and human pathology. *Environmental Health Perspectives*, **2011**, 119, 1356-63	8.4	75
92	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

91	Suppression of p53 and p21CIP1/WAF1 reduces arsenite-induced aneuploidy. *Chemical Research in Toxicology*, **2010**, 23, 357-64	4	13
90	No association between variant DNA repair genes and prostate cancer risk among men of African descent. *Prostate*, **2010**, 70, 113-9	4.2	22
89	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). *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2010**, 684, 66-73	3.3	12
88	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
87	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
86	Arsenic and cardiovascular disease. *Toxicological Sciences*, **2009**, 107, 312-23	4.4	228
85	Arsenic exacerbates atherosclerotic lesion formation and inflammation in ApoE-/- mice. *Toxicology and Applied Pharmacology*, **2009**, 241, 90-100	4.6	79
84	Enhancing the efficacy of cisplatin in ovarian cancer treatment - could arsenic have a role. *Journal of Ovarian Research*, **2009**, 2, 2	5.5	68
83	Functional effects of N-acetyltransferase 1 (NAT1*10) polymorphisms. *FASEB Journal*, **2009**, 23, LB394	0.9	
82	Subhepatotoxic exposure to arsenic enhances lipopolysaccharide-induced liver injury in mice. *Toxicology and Applied Pharmacology*, **2008**, 226, 128-39	4.6	38
81	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
80	Arsenite-induced mitotic death involves stress response and is independent of tubulin polymerization. *Toxicology and Applied Pharmacology*, **2008**, 230, 235-46	4.6	27
79	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
78	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
77	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
76	In utero arsenic exposure induces early onset of atherosclerosis in ApoE-/- mice. *Reproductive Toxicology*, **2007**, 23, 449-56	3.4	58
75	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. *Cancer Epidemiology Biomarkers and Prevention*, **2007**, 16, 1503-9	4	24
74	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

73	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
72	Functional characterization of single-nucleotide polymorphisms and haplotypes of human N-acetyltransferase 2. *Carcinogenesis*, **2007**, 28, 1665-71	4.6	75
71	Functional characterization of the A411T (L137F) and G364A (D122N) genetic polymorphisms in human N-acetyltransferase 2. *Pharmacogenetics and Genomics*, **2007**, 17, 37-45	1.9	23
70	Arsenite-induced mitotic death is distinct from both nocodazole and Taxol. *FASEB Journal*, **2007**, 21, A806	0.9	
69	Sodium arsenite alters cell cycle progression and induces apoptosis in melanoma cell lines. *FASEB Journal*, **2007**, 21, A806	0.9	
68	Early onset of atherosclerosis in ApoE-knockout mice is induced by in utero arsenic exposure. *FASEB Journal*, **2007**, 21, A810	0.9	1
67	Variant Base Excision Repair Genes (hOGG1, APE1, XRCC1) and Prostate Cancer Risk in African-American Men. *FASEB Journal*, **2007**, 21, A421	0.9	
66	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	
65	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	
64	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	0.9	
63	Exit from arsenite-induced mitotic arrest is p53 dependent. *Environmental Health Perspectives*, **2006**, 114, 1401-6	8.4	18
62	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
61	Robust incision of Benoz[a]pyrene-7,8-dihyrodiol-9,10-epoxide-DNA adducts by a recombinant thermoresistant interspecies combination UvrABC endonuclease system. *Biochemistry*, **2006**, 45, 7834-43	3.2	11
60	Telomerase-immortalized human fibroblasts retain UV-induced mutagenesis and p53-mediated DNA damage responses. *DNA Repair*, **2006**, 5, 61-70	4.3	6
59	Incision of trivalent chromium [Cr(III)]-induced DNA damage by Bacillus caldotenax UvrABC endonuclease. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2006**, 610, 85-92	3	11
58	Functional properties of an alternative, tissue-specific promoter for human arylamine N-acetyltransferase 1. *Pharmacogenetics and Genomics*, **2006**, 16, 515-25	1.9	43
57	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
56	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

55	Retention of Cr(III) by high-performance chelation ion chromatography interfaced to inductively-coupled plasma mass spectrometric detection with collision cell. *Journal of Chromatography A*, **2004**, 1024, 129-37	4.5	24
54	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
53	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
52	The T341C (Ile114Thr) polymorphism of N-acetyltransferase 2 yields slow acetylator phenotype by enhanced protein degradation. *Pharmacogenetics and Genomics*, **2004**, 14, 717-23		53
51	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
50	Arsenite disrupts mitosis and induces apoptosis in SV40-transformed human skin fibroblasts. *Toxicology and Applied Pharmacology*, **2002**, 180, 83-91	4.6	44
49	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
48	The Cockayne syndrome group B DNA repair protein as an anti-cancer target. *International Journal of Oncology*, **2001**, 19, 1089-97	1	4
47	Metals and disorders of cell accumulation: modulation of apoptosis and cell proliferation. *Toxicological Sciences*, **2000**, 56, 255-61	4.4	83
46	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*, **2000**, 295, 724-33	4.7	35
45	A summary of mutations in the UV-sensitive disorders: xeroderma pigmentosum, Cockayne syndrome, and trichothiodystrophy. *Human Mutation*, **1999**, 14, 9-22	4.7	170
44	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
43	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
42	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
41	Tryptophan hydroxylase: cloning and expression of the rat brain enzyme in mammalian cells. *Journal of Neurochemistry*, **1996**, 67, 900-6	6	19
40	Splice site mutations in a xeroderma pigmentosum group A patient with delayed onset of neurological disease. *Mutation Research DNA Repair*, **1996**, 363, 171-7		11
39	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
38	Preferential DNA damage in the p53 gene by benzo[a]pyrene metabolites in cytochrome P4501A1-expressing xeroderma pigmentosum group A cells. *Molecular Carcinogenesis*, **1996**, 16, 32-43	5	12

37	Stable transformation of xeroderma pigmentosum group A cells with an XPA minigene restores normal DNA repair and mutagenesis of UV-treated plasmids. *Carcinogenesis*, **1996**, 17, 1909-17	4.6	9
36	Characterization of the human XPA promoter. *Gene*, **1995**, 166, 341-2	3.8	8
35	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
34	Cytotoxicity and genotoxicity of (+/-)-benzo[a]pyrene-trans-7,8-dihydrodiol in CYP1A1-expressing human fibroblasts quantitatively correlate with CYP1A1 expression level. *Carcinogenesis*, **1994**, 15, 1827-32	4.6	10
33	Expression of human cytochrome P450 1A1 in DNA repair deficient and proficient human fibroblasts stably transformed with an inducible expression vector. *Carcinogenesis*, **1993**, 14, 1643-9	4.6	23
32	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
31	An STS in the human skeletal alpha-actin gene. *Nucleic Acids Research*, **1991**, 19, 5086	20.1	
30	An STS in the human cytoskeletal gamma-actin gene. *Nucleic Acids Research*, **1991**, 19, 5085	20.1	
29	An STS in the human adenosine deaminase gene (located 20q12-q13.11). *Nucleic Acids Research*, **1991**, 19, 5084	20.1	
28	A gel electrophoresis system for resolving over 500 nucleotides with a single sample loading. *BioTechniques*, **1991**, 11, 46-8	2.5	1
27	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
26	Cell type-specific transcriptional regulation of the human adenosine deaminase gene. *Nucleic Acids Research*, **1989**, 17, 1061-76	20.1	63
25	A new family of repetitive, retroposon-like sequences in the genome of the rainbow trout. *FEBS Journal*, **1988**, 176, 255-64		19
24	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
23	Mutant human adenosine deaminase alleles and their expression by transfection into fibroblasts.. *Journal of Biological Chemistry*, **1988**, 263, 16291-16296	5.4	19
22	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
21	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
20	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

19	Isolation and fractionation of total nucleic acids from tissues and cells. *Journal of Proteomics*, **1986**, 12, 29-36		27
18	Complete sequence and structure of the gene for human adenosine deaminase. *Biochemistry*, **1986**, 25, 8234-44	3.2	145
17	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. *Biochemistry*, **1985**, 24, 8021-8	3.2	18
16	Organization and Evolution of the Protamine Genes of Salmonid Fishes **1985**, 287-314		14
15	Organization of the histone genes in the rainbow trout (Salmo gairdnerii). *Journal of Molecular Evolution*, **1984**, 20, 227-35	3.1	31
14	Organization and nucleotide sequence of rainbow trout histone H2A and H3 genes. *Journal of Molecular Evolution*, **1984**, 20, 236-50	3.1	20
13	Sequence homologies in the protamine gene family of rainbow trout. *Nucleic Acids Research*, **1983**, 11, 4907-22	20.1	42
12	Increased thermal stability of solubilized chromatin after poly(ADP-ribose) synthesis. *Bioscience Reports*, **1983**, 3, 847-56	4.1	1
11	Nucleotide sequence of a protamine component CII gene of Salmo gairdnerii. *Nucleic Acids Research*, **1982**, 10, 4551-63	20.1	37
10	Role in Chemotherapy315-345		
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