# Yosef Shiloh

List of Publications by Year
in descending order



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|---|---|---|---|
| 143 papers | 25,903 citations | 18887 64 h-index | 11608 140 g-index |
| 151 all docs | 151 docs citations | 151 times ranked | 22957 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Abstract P4-01-11: UBQLN4 regulates cisplatin-resistance in triple-negative breast cancer by targeting BAT3 for proteasomal degradation. Cancer Research, 2022, 82, P4-01-11-P4-01-11. | 0.4 | 0 |
| 2 | The hallmarks of aging in Ataxia-Telangiectasia. Ageing Research Reviews, 2022, 79, 101653. | 5.0 | 10 |
| 3 | It takes three to the DNA damage response tango. Molecular and Cellular Oncology, 2021, 8, 1881395. | 0.3 | 4 |
| 4 | Regulation of MRE11A by UBQLN4 leads to cisplatin resistance in patients with esophageal squamous cell carcinoma. Molecular Oncology, 2021, 15, 1069-1087. | 2.1 | 14 |
| 5 | Phosphoproteomics reveals novel modes of function and interâ€relationships among PIKKs in response to genotoxic stress. EMBO Journal, 2021, 40, e104400. | 3.5 | 28 |
| 6 | The Role of E3, E4 Ubiquitin Ligase (UBE4B) in Human Pathologies. Cancers, 2020, 12, 62. | 1.7 | 20 |
| 7 | The serendipitous dawn of DNA repair. Nature Reviews Molecular Cell Biology, 2020, 21, 569-569. | 16.1 | 0 |
| 8 | The cerebellar degeneration in ataxia-telangiectasia: A case for genome instability. DNA Repair, 2020, 95, 102950. | 1.3 | 34 |
| 9 | The EXPANDER Integrated Platform for Transcriptome Analysis. Journal of Molecular Biology, 2019, 431, 2398-2406. | 2.0 | 24 |
| 10 | UBQLN4 Represses Homologous Recombination and Is Overexpressed in Aggressive Tumors. Cell, 2019, 176, 505-519.e22. | 13.5 | 100 |
| 11 | The Ubiquitin E3/E4 Ligase UBE4A Adjusts Protein Ubiquitylation and Accumulation at Sites of DNA Damage, Facilitating Double-Strand Break Repair. Molecular Cell, 2018, 69, 866-878.e7. | 4.5 | 40 |
| 12 | Nuclear poly(A)-binding protein 1 is an ATM target and essential for DNA double-strand break repair. Nucleic Acids Research, 2018, 46, 730-747. | 6.5 | 15 |
| 13 | Inactive Atm abrogates DSB repair in mouse cerebellum more than does Atm loss, without causing a neurological phenotype. DNA Repair, 2018, 72, 10-17. | 1.3 | 15 |
| 14 | Ataxia-telangiectasia (A-T): An emerging dimension of premature ageing. Ageing Research Reviews, 2017, 33, 76-88. | 5.0 | 88 |
| 15 | Genome instability: Linking ageing and brain degeneration. Mechanisms of Ageing and Development, 2017, 161, 4-18. | 2.2 | 11 |
| 16 | Monitoring the ATM-Mediated DNA Damage Response in the Cerebellum Using Organotypic Cultures. Methods in Molecular Biology, 2017, 1599, 419-430. | 0.4 | 1 |
| 17 | Systemic DNA damage responses in aging and diseases. Seminars in Cancer Biology, 2016, 37-38, 26-35. | 4.3 | 89 |
| 18 | The COP9 signalosome is vital for timely repair of DNA double-strand breaks. Nucleic Acids Research, 2015, 43, 4517-4530. | 6.5 | 32 |

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| 19 | Parallel Profiling of the Transcriptome, Cistrome, and Epigenome in the Cellular Response to Ionizing Radiation. Science Signaling, 2014, 7, rs3. | 1.6 | 51 |
| 20 | ATM: Expanding roles as a chief guardian of genome stability. Experimental Cell Research, 2014, 329, 154-161. | 1.2 | 97 |
| 21 | Studying the cerebellar DNA damage response in the tissue culture dish. Mechanisms of Ageing and Development, 2013, 134, 496-505. | 2.2 | 11 |
| 22 | DNA damage response, bioenergetics, and neurological disease: The challenge of maintaining brain health in an aging human population. Mechanisms of Ageing and Development, 2013, 134, 427-433. | 2.2 | 7 |
| 23 | The ATM protein kinase: regulating the cellular response to genotoxic stress, and more. Nature Reviews Molecular Cell Biology, 2013, 14, 197-210. | 16.1 | 1,340 |
| 24 | The ATM protein kinase: regulating the cellular response to genotoxic stress, and more. Nature Reviews Molecular Cell Biology, 2013, 14, 197-210. | 16.1 | 148 |
| 25 | The ATM protein: The importance of being active. Journal of Cell Biology, 2012, 198, 273-275. | 2.3 | 17 |
| 26 | Malfunctioning DNA Damage Response (DDR) Leads to the Degeneration of Nigro-Striatal Pathway in Mouse Brain. Journal of Molecular Neuroscience, 2012, 46, 554-568. | 1.1 | 15 |
| 27 | Transcriptional modulation induced by ionizing radiation: p53 remains a central player. Molecular Oncology, 2011, 5, 336-348. | 2.1 | 82 |
| 28 | A Role for Vascular Deficiency in Retinal Pathology in a Mouse Model of Ataxia-Telangiectasia. American Journal of Pathology, 2011, 179, 1533-1541. | 1.9 | 22 |
| 29 | Requirement of ATM-Dependent Monoubiquitylation of Histone H2B for Timely Repair of DNA Double-Strand Breaks. Molecular Cell, 2011, 41, 529-542. | 4.5 | 347 |
| 30 | Beyond ATM: The protein kinase landscape of the DNA damage response. FEBS Letters, 2011, 585, 1625-1639. | 1.3 | 175 |
| 31 | RNF20â€“RNF40: A ubiquitinâ€driven link between gene expression and the DNA damage response. FEBS Letters, 2011, 585, 2795-2802. | 1.3 | 67 |
| 32 | Astrocyte Dysfunction Associated with Cerebellar Attrition in a Nijmegen Breakage Syndrome Animal Model. Journal of Molecular Neuroscience, 2011, 45, 202-211. | 1.1 | 15 |
| 33 | Involvement of the nuclear proteasome activator PA28Î³ in the cellular response to DNA double-strand breaks. Cell Cycle, 2011, 10, 4300-4310. | 1.3 | 61 |
| 34 | KAP1 depletion increases PML nuclear body number in concert with ultrastructural changes in chromatin. Cell Cycle, 2011, 10, 308-322. | 1.3 | 33 |
| 35 | Investigation of the Functional Link between ATM and NBS1 in the DNA Damage Response in the Mouse Cerebellum. Journal of Biological Chemistry, 2011, 286, 15361-15376. | 1.6 | 24 |
| 36 | ATMâ€mediated phosphorylation of polynucleotide kinase/phosphatase is required for effective DNA doubleâ€strand break repair. EMBO Reports, 2011, 12, 713-719. | 2.0 | 56 |

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| 37 | Matrin 3 Binds and Stabilizes mRNA. PLoS ONE, 2011, 6, e23882. | 1.1 | 136 |
| 38 | Expander: from expression microarrays to networks and functions. Nature Protocols, 2010, 5, 303-322. | 5.5 | 183 |
| 39 | Involvement of Matrin 3 and SFPQ/NONO in the DNA damage response. Cell Cycle, 2010, 9, 1568-1576. | 1.3 | 178 |
| 40 | Accelerated carcinogenesis following liver regeneration is associated with chronic inflammation-induced double-strand DNA breaks. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2207-2212. | 3.3 | 111 |
| 41 | USP10: Friend and Foe. Cell, 2010, 140, 308-310. | 13.5 | 28 |
| 42 | ATM-Dependent and -Independent Dynamics of the Nuclear Phosphoproteome After DNA Damage. Science Signaling, 2010, 3, rs3. | 1.6 | 245 |
| 43 | FBXO31: A New Player in the Ever-Expanding DNA Damage Response Orchestra. Science Signaling, 2009, 2, pe73. | 1.6 | 12 |
| 44 | Analysis of the relationships between ATM and the Rad54 paralogs involved in homologous recombination repair. DNA Repair, 2009, 8, 253-261. | 1.3 | 7 |
| 45 | Optimal function of the DNA repair enzyme TDP1 requires its phosphorylation by ATM and/or DNA-PK. EMBO Journal, 2009, 28, 3667-3680. | 3.5 | 125 |
| 46 | Activation of ATM depends on chromatin interactions occurring before induction of DNA damage. Nature Cell Biology, 2009, 11, 92-96. | 4.6 | 123 |
| 47 | Citrate Boosts the Performance of Phosphopeptide Analysis by UPLC-ESI-MS/MS. Journal of Proteome Research, 2009, 8, 418-424. | 1.8 | 69 |
| 48 | Simultaneous identification and quantification of proteins by differential (16)O/(18)O labeling and UPLC-MS/MS applied to mouse cerebellar phosphoproteome following irradiation. Anticancer Research, 2009, 29, 4949-58. | 0.5 | 12 |
| 49 | The role of the DNA damage response in neuronal development, organization and maintenance. DNA Repair, 2008, 7, 1010-1027. | 1.3 | 124 |
| 50 | The neurological phenotype of ataxia-telangiectasia: Solving a persistent puzzle. DNA Repair, 2008, 7, 1028-1038. | 1.3 | 118 |
| 51 | ATM Signaling Facilitates Repair of DNA Double-Strand Breaks Associated with Heterochromatin. Molecular Cell, 2008, 31, 167-177. | 4.5 | 777 |
| 52 | The histone H2B-specific ubiquitin ligase RNF20/hBRE1 acts as a putative tumor suppressor through selective regulation of gene expression. Genes and Development, 2008, 22, 2664-2676. | 2.7 | 240 |
| 53 | Ataxia Telangiectasia Mutated (ATM) Is Essential for DNA-PKcs Phosphorylations at the Thr-2609 Cluster upon DNA Double Strand Break. Journal of Biological Chemistry, 2007, 282, 6582-6587. | 1.6 | 257 |
| 54 | Programs for Cell Death: Apoptosis is Only One Way to Go. Cell Cycle, 2007, 6, 686-695. | 1.3 | 107 |

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| 55 | ATM and ATR Substrate Analysis Reveals Extensive Protein Networks Responsive to DNA Damage. Science, 2007, 316, 1160-1166. | 6.0 | 2,689 |
| 56 | ATM-mediated response to DNA double strand breaks in human neurons derived from stem cells. DNA Repair, 2007, 6, 128-134. | 1.3 | 35 |
| 57 | Chromatin relaxation in response to DNA double-strand breaks is modulated by a novel ATM- and KAP-1 dependent pathway. Nature Cell Biology, 2006, 8, 870-876. | 4.6 | 651 |
| 58 | The ATM-mediated DNA-damage response: taking shape. Trends in Biochemical Sciences, 2006, 31, 402-410. | 3.7 | 514 |
| 59 | Nuclear Ataxia-Telangiectasia Mutated (ATM) Mediates the Cellular Response to DNA Double Strand Breaks in Human Neuron-like Cells. Journal of Biological Chemistry, 2006, 281, 17482-17491. | 1.6 | 65 |
| 60 | Analysis of the Ataxia Telangiectasia Mutated-Mediated DNA Damage Response in Murine Cerebellar Neurons. Journal of Neuroscience, 2006, 26, 7767-7774. | 1.7 | 40 |
| 61 | Condensin I recruitment and uneven chromatin condensation precede mitotic cell death in response to DNA damage. Journal of Cell Biology, 2006, 174, 195-206. | 2.3 | 22 |
| 62 | Differential Roles of ATM- and Chk2-Mediated Phosphorylations of Hdmx in Response to DNA Damage. Molecular and Cellular Biology, 2006, 26, 6819-6831. | 1.1 | 82 |
| 63 | Inhibition of Transforming Growth Factor-Î²1 Signaling Attenuates Ataxia Telangiectasia Mutated Activity in Response to Genotoxic Stress. Cancer Research, 2006, 66, 10861-10869. | 0.4 | 152 |
| 64 | Impaired genomic stability and increased oxidative stress exacerbate different features of Ataxia-telangiectasia. Human Molecular Genetics, 2005, 14, 2929-2943. | 1.4 | 28 |
| 65 | ATM-Mediated Phosphorylations Inhibit Mdmx/Mdm2 Stabilization by HAUSP in Favor of p53 Activation. Cell Cycle, 2005, 4, 1166-1170. | 1.3 | 135 |
| 66 | Phosphorylation of Hdmx mediates its Hdm2- and ATM-dependent degradation in response to DNA damage. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5056-5061. | 3.3 | 161 |
| 67 | DNA Damage-Induced Phosphorylation of MdmX at Serine 367 Activates p53 by Targeting MdmX for Mdm2-Dependent Degradation. Molecular and Cellular Biology, 2005, 25, 9608-9620. | 1.1 | 115 |
| 68 | Deciphering Transcriptional Regulatory Elements That Encode Specific Cell-Cycle Phasing by Comparative Genomics Analysis. Cell Cycle, 2005, 4, 1788-1797. | 1.3 | 42 |
| 69 | ATM-Dependent Phosphorylation of ATF2 Is Required for the DNA Damage Response. Molecular Cell, 2005, 18, 577-587. | 4.5 | 159 |
| 70 | In silico identification of transcriptional regulators associated with c-Myc. Nucleic Acids Research, 2004, 32, 4955-4961. | 6.5 | 26 |
| 71 | In search of drug treatment for genetic defects in the DNA damage response: the example of ataxia-telangiectasia. Seminars in Cancer Biology, 2004, 14, 295-305. | 4.3 | 15 |
| 72 | Requirement of the MRN complex for ATM activation by DNA damage. EMBO Journal, 2003, 22, 5612-5621. | 3.5 | 894 |

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| 73 | ATM and related protein kinases: safeguarding genome integrity. Nature Reviews Cancer, 2003, 3, 155-168. | 12.8 | 2,317 |
| 74 | Contribution of the Atm Protein to Maintaining Cellular Homeostasis Evidenced by Continuous Activation of the AP-1 Pathway in Atm-deficient Brains. Journal of Biological Chemistry, 2003, 278, 6741-6747. | 1.6 | 39 |
| 75 | Genome-Wide In Silico Identification of Transcriptional Regulators Controlling the Cell Cycle in Human Cells. Genome Research, 2003, 13, 773-780. | 2.4 | 275 |
| 76 | ATM: Ready, Set, Go. Cell Cycle, 2003, 2, 116-117. | 1.3 | 43 |
| 77 | Accumulation of DNA Damage and Reduced Levels of Nicotine Adenine Dinucleotide in the Brains of Atm-deficient Mice. Journal of Biological Chemistry, 2002, 277, 602-608. | 1.6 | 85 |
| 78 | ATM deficiency and oxidative stress: a new dimension of defective response to DNA damage. DNA Repair, 2002, 1, 3-25. | 1.3 | 333 |
| 79 | ATM-dependent activation of the gene encoding MAP kinase phosphatase 5 by radiomimetic DNA damage. Oncogene, 2002, 21, 849-855. | 2.6 | 31 |
| 80 | Ubiquitination capabilities in response to neocarzinostatin and H2O2 stress in cell lines from patients with ataxia-telangiectasia. Oncogene, 2002, 21, 4363-4373. | 2.6 | 25 |
| 81 | ATM and ATR: networking cellular responses to DNA damage. Current Opinion in Genetics and Development, 2001, 11, 71-77. | 1.5 | 557 |
| 82 | Nuclear Retention of ATM at Sites of DNA Double Strand Breaks. Journal of Biological Chemistry, 2001, 276, 38224-38230. | 1.6 | 237 |
| 83 | Ataxia-telangiectasia: chronic activation of damage-responsive functions is reduced by Î±-lipoic acid. Oncogene, 2001, 20, 289-294. | 2.6 | 68 |
| 84 | Jun NH 2 -Terminal Kinase Phosphorylation of p53 on Thr-81 Is Important for p53 Stabilization and Transcriptional Activities in Response to Stress. Molecular and Cellular Biology, 2001, 21, 2743-2754. | 1.1 | 276 |
| 85 | ATM-dependent phosphorylation of Mdm2 on serine 395: role in p53 activation by DNA damage. Genes and Development, 2001, 15, 1067-1077. | 2.7 | 550 |
| 86 | ATM Is Required for IÎºB Kinase (IKK) Activation in Response to DNA Double Strand Breaks. Journal of Biological Chemistry, 2001, 276, 8898-8903. | 1.6 | 172 |
| 87 | Functional link between ataxia-telangiectasia and Nijmegen breakage syndrome gene products. Nature, 2000, 405, 473-477. | 13.7 | 484 |
| 88 | Functional link of BRCA1 and ataxia telangiectasia gene product in DNA damage response. Nature, 2000, 406, 210-215. | 13.7 | 312 |
| 89 | ATM: A mediator of multiple responses to genotoxic stress. Oncogene, 1999, 18, 6135-6144. | 2.6 | 256 |
| 90 | Absence of mutations in ATM , the gene responsible for ataxia telangiectasia in patients with cerebellar ataxia. Journal of Neurology, 1999, 246, 716-719. | 1.8 | 16 |

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| 91 | Targeting Double-Strand Breaks to Replicating DNA Identifies a Subpathway of DSB Repair That Is Defective in Ataxia-Telangiectasia Cells. Biochemical and Biophysical Research Communications, 1999, 261, 317-325. | 1.0 | 53 |
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| 94 | Ataxia-telangiectasia in the Japanese population: Identification of R1917X, W2491R, R2909G, IVS33+2Tât'A, and 7883del5, the latter two being relatively common mutations. , 1998, 12, 338-343. | | 6 |
| 95 | Genotype-Phenotype Relationships in Ataxia-Telangiectasia and Variants. American Journal of Human Genetics, 1998, 62, 551-561. | 2.6 | 240 |
| 96 | THE GENETIC DEFECT IN ATAXIA-TELANGIECTASIA. Annual Review of Immunology, 1997, 15, 177-202. | 9.5 | 586 |
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| 98 | Ataxia-Telangiectasia Locus: Sequence Analysis of 184 kb of Human Genomic DNA Containing the Entire ATMâ€‰Gene. Genome Research, 1997, 7, 592-605. | 2.4 | 121 |
| 99 | Recombinant ATM protein complements the cellular A-T phenotype. Oncogene, 1997, 15, 159-167. | 2.6 | 236 |
| 100 | Interaction between ATM protein and c-Abl in response to DNA damage. Nature, 1997, 387, 520-523. | 13.7 | 460 |
| 101 | Hypothesis: Ataxia-telangiectasia: Is ATM a sensor of oxidative damage and stress?. BioEssays, 1997, 19, 911-917. | 1.2 | 144 |
| 102 | Loss of heterozygosity at 11q23.1 in breast carcinomas: Indication for involvement of a gene distal and close toATM. , 1997, 18, 175-180. | | 58 |
| 103 | Loss of heterozygosity at 11q23.1 in breast carcinomas: Indication for involvement of a gene distal and close to ATM. , 1997, 18, 175. | | 2 |
| 104 | The defect in the AT-like hamster cell mutants is complemented by mouse chromosome 9 but not by any of the human chromosomes. Mutation Research DNA Repair, 1996, 364, 91-102. | 3.8 | 10 |
| 105 | A Human Gene (DDX10) Encoding a Putative DEAD-Box RNA Helicase at 11q22â€“q23. Genomics, 1996, 33, 199-206. | 1.3 | 52 |
| 106 | Genomic Organization of the ATM Gene. Genomics, 1996, 33, 317-320. | 1.3 | 156 |
| 107 | Identification and Chromosomal Localization of Atm, the Mouse Homolog of the Ataxiaâ€“Telangiectasia Gene. Genomics, 1996, 35, 39-45. | 1.3 | 51 |
| 108 | Atm-Deficient Mice: A Paradigm of Ataxia Telangiectasia. Cell, 1996, 86, 159-171. | 13.5 | 1,392 |

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| 109 | Ataxia-telangiectasia and the ATM gene: Linking neurodegeneration, immunodeficiency, and cancer to cell cycle checkpoints. Journal of Clinical Immunology, 1996, 16, 254-260. | 2.0 | 77 |
| 110 | Ataxia-telangiectasia: a multifaceted genetic disorder associated with defective signal transduction. Current Opinion in Immunology, 1996, 8, 459-464. | 2.4 | 64 |
| 111 | Predominance of null mutations in ataxia-telangiectasia. Human Molecular Genetics, 1996, 5, 433-439. | 1.4 | 247 |
| 112 | Relationship of the ataxia-telangiectasia protein ATM to phosphoinositide 3-kinase. Trends in Biochemical Sciences, 1995, 20, 382-383. | 3.7 | 85 |
| 113 | A high-density microsatellite map of the ataxia-telangiectasia locus. Human Genetics, 1995, 95, 451-454. | 1.8 | 56 |
| 114 | Human cDNA clones that modify radiomimetic sensitivity of ataxia-telangiectasia (group A) cells. Somatic Cell and Molecular Genetics, 1995, 21, 99-111. | 0.7 | 17 |
| 115 | Rapid identification of polymorphic CA-repeats in YAC clones. Molecular Biotechnology, 1995, 3, 85-92. | 1.3 | 2 |
| 116 | TEL1, an S. cerevisiae homolog of the human gene mutated in ataxia telangiectasia, is functionally related to the yeast checkpoint gene MEC1. Cell, 1995, 82, 831-840. | 13.5 | 372 |
| 117 | A single ataxia telangiectasia gene with a product similar to PI-3 kinase. Science, 1995, 268, 1749-1753. | 6.0 | 2,634 |
| 118 | Ataxia-Telangiectasia: Closer to Unraveling the Mystery. European Journal of Human Genetics, 1995, 3, 116-138. | 1.4 | 137 |
| 119 | Relatively low proportion of dystrophin gene deletions in Israeli Duchenne and Becker muscular dystrophy patients. American Journal of Medical Genetics Part A, 1994, 49, 369-373. | 2.4 | 19 |
| 120 | A Physical Map across Chromosome 11q22-q23 Containing the Major Locus for Ataxia Telangiectasia. Genomics, 1994, 21, 612-619. | 1.3 | 24 |
| 121 | Physical Localization of Microsatellite Markers at the Ataxia-Telangiectasia Locus at 11q22-q23. Genomics, 1994, 22, 231-233. | 1.3 | 14 |
| 122 | A YAC Contig Spanning the Ataxia-Telangiectasia Locus (Groups A and C) at 11q22-q23. Genomics, 1994, 24, 234-242. | 1.3 | 8 |
| 123 | Origins of Hyperphenylalaninemia in Israel. European Journal of Human Genetics, 1994, 2, 24-34. | 1.4 | 13 |
| 124 | A missense mutation, S349P, completely inactivates phenylalanine hydroxylase in North African Jews with phenylketonuria. Human Genetics, 1993, 90, 645-9. | 1.8 | 22 |
| 125 | Inactivation of phenylalanine hydroxylase by a missense mutation, R270S, in a Palestinian kinship with phenylketonuria. Human Molecular Genetics, 1993, 2, 605-606. | 1.4 | 9 |
| 126 | Paired STSs amplified from radiation hybrids, and from associated YACs, identify highly polymorphic loci flanking the ataxia telangiectasia locus on chromosome 11q22â€“23. Human Molecular Genetics, 1993, 2, 969-974. | 1.4 | 18 |

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| 127 | DNA sequences amplified in cancer cells: an interface between tumor biology and human genome analysis. Mutation Research - Reviews in Genetic Toxicology, 1992, 276, 329-337. | 3.0 | 3 |
| 128 | Detection of amplified dna sequences in human tumor cell lines by fluorescence in situ hybridization. Genes Chromosomes and Cancer, 1992, 4, 314-320. | 1.5 | 25 |
| 129 | A defective splice site at the phenylalanine hydroxylase gene in phenylketonuria and benign hyperphenylalaninemia among Palestinian Arabs. Human Mutation, 1992, 1, 340-343. | 1.1 | 8 |
| 130 | A 22-bp deletion in the phenylalanine hydroxylase gene causing phenylketonuria in an Arab family. Human Mutation, 1992, 1, 344-346. | 1.1 | 6 |
| 131 | Use of dystrophin genomic and cDNA probes for solving difficulties in carrier detection and prenatal diagnosis of Duchenne muscular dystrophy. American Journal of Medical Genetics Part A, 1992, 42, 281-287. | 2.4 | 3 |
| 132 | The ATC (ataxia-telangiectasia complementation group C) locus localizes to 11q22â€“q23. Genomics, 1991, 9, 373-375. | 1.3 | 57 |
| 133 | A single origin of phenylketonuria in Yemenite Jews. Nature, 1990, 344, 168-170. | 13.7 | 68 |
| 134 | G2 chromosomal radiosensitivity in families with ataxia-telangiectasia. Human Genetics, 1989, 84, 15-18. | 1.8 | 31 |
| 135 | Rapid cloning of multiple amplified nucleotide sequences from human neuroblastoma cell lines by phenol emulsion competitive DNA reassociation. Gene, 1987, 51, 53-59. | 1.0 | 20 |
| 136 | Similar repair of O6-methylguanine in normal and ataxia-telangiectasea fibroblast strains. Mutation Research - DNA Repair Reports, 1983, 112, 47-58. | 1.9 | 5 |
| 137 | Repair of potentially lethal and sublethal damage induced by neocarzinostatin in normal and ataxia-telangiectasia skin fibroblasts. Biochemical and Biophysical Research Communications, 1983, 110, 483-490. | 1.0 | 20 |
| 138 | Abnormal response of ataxia-telangiectasia cells to agents that break the deoxyribose moiety of DNA via a targeted free radical mechanism. Carcinogenesis, 1983, 4, 1317-1322. | 1.3 | 104 |
| 139 | Induction and repair of DNA damage in normal and ataxiatelangiectasia skin fibroblasts treated with neocarzinostatin. Carcinogenesis, 1983, 4, 917-921. | 1.3 | 50 |
| 140 | The response of ataxia-telangiectasia homozygous and heterozygous skin fibroblasts to neocarzinostatin. Carcinogenesis, 1982, 3, 815-820. | 1.3 | 68 |
| 141 | An improved technique of preparing bone-marrow specimens for cytogenetic analysis. In Vitro, 1978, 14, 510-515. | 1.2 | 24 |
| 142 | Genetic toxicology of lysergic acid diethylamide (LSD-25). Mutation Research - Reviews in Genetic Toxicology, 1977, 47, 183-209. | 3.0 | 22 |
| 143 | The ATM-mediated DNA-damage response. , 0, , 403-422. | | 0 |