# Anindya Dutta

List of Publications by Year
in descending order

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|---|---|---|---|
| 202 papers | 32,163 citations | 6233 80 h-index | 4323 173 g-index |
| 278 all docs | 278 docs citations | 278 times ranked | 36004 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | HPVE6-USP46 Mediated Cdt2 Stabilization Reduces Set8 Mediated H4K20-Methylation to Induce Gene Expression Changes. Cancers, 2022, 14, 30. | 1.7 | 3 |
| 2 | Distinct MUNC lncRNA structural domains regulate transcription of different promyogenic factors. Cell Reports, 2022, 38, 110361. | 2.9 | 13 |
| 3 | Integrated bioinformatic pipeline using whole-exome and RNAseq data to identify germline variants correlated with cancer. STAR Protocols, 2022, 3, 101273. | 0.5 | 0 |
| 4 | TRMT6/61A-dependent base methylation of tRNA-derived fragments regulates gene-silencing activity and the unfolded protein response in bladder cancer. Nature Communications, 2022, 13, 2165. | 5.8 | 43 |
| 5 | Function and Therapeutic Implications of tRNA Derived Small RNAs. Frontiers in Molecular Biosciences, 2022, 9, 888424. | 1.6 | 10 |
| 6 | tRForest: a novel random forest-based algorithm for tRNA-derived fragment target prediction. NAR Genomics and Bioinformatics, 2022, 4, . | 1.5 | 3 |
| 7 | Germline Variants That Affect Tumor Progression. Trends in Genetics, 2021, 37, 433-443. | 2.9 | 14 |
| 8 | Chk1 promotes non-homologous end joining in G1 through direct phosphorylation of ASF1A. Cell Reports, 2021, 34, 108680. | 2.9 | 8 |
| 9 | ATAC-Seq-based Identification of Extrachromosomal Circular DNA in Mammalian Cells and Its Validation Using Inverse PCR and FISH. Bio-protocol, 2021, 11, e4003. | 0.2 | 8 |
| 10 | Germline variants predictive of tumor mutational burden and immune checkpoint inhibitor efficacy. IScience, 2021, 24, 102248. | 1.9 | 7 |
| 11 | De-stressing the T cells in need. Science, 2021, 372, 683-684. | 6.0 | 0 |
| 12 | MicroDNA levels are dependent on MMEJ, repressed by c-NHEJ pathway, and stimulated by DNA damage. Nucleic Acids Research, 2021, 49, 11787-11799. | 6.5 | 29 |
| 13 | The tumor-suppressive long noncoding RNA DRAIC inhibits protein translation and induces autophagy by activating AMPK. Journal of Cell Science, 2021, 134, . | 1.2 | 18 |
| 14 | Identification and characterization of extrachromosomal circular DNA in maternal plasma. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1658-1665. | 3.3 | 106 |
| 15 | Long Noncoding RNA DRAIC Inhibits Prostate Cancer Progression by Interacting with IKK to Inhibit NF-ÎºB Activation. Cancer Research, 2020, 80, 950-963. | 0.4 | 51 |
| 16 | Targeted CRISPR screening identifies PRMT5 as synthetic lethality combinatorial target with gemcitabine in pancreatic cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28068-28079. | 3.3 | 48 |
| 17 | Noncanonical Roles of tRNAs: tRNA Fragments and Beyond. Annual Review of Genetics, 2020, 54, 47-69. | 3.2 | 126 |
| 18 | ATAC-seq identifies thousands of extrachromosomal circular DNA in cancer and cell lines. Science Advances, 2020, 6, eaba2489. | 4.7 | 106 |

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|---|---|---|---|
| 19 | The pan-cancer landscape of prognostic germline variants in 10,582 patients. Genome Medicine, 2020, 12, 15. | 3.6 | 22 |
| 20 | tRNA-derived fragments and microRNAs in the maternal-fetal interface of a mouse maternal-immune-activation autism model. RNA Biology, 2020, 17, 1183-1195. | 1.5 | 30 |
| 21 | miRâ€206 family is important for mitochondrial and muscle function, but not essential for myogenesis in vitro. FASEB Journal, 2020, 34, 7687-7702. | 0.2 | 17 |
| 22 | A human cancer cell line initiates DNA replication normally in the absence of ORC5 and ORC2 proteins. Journal of Biological Chemistry, 2020, 295, 16949-16959. | 1.6 | 15 |
| 23 | Efficient Search of Circular Repeats and MicroDNA Reintegration in DNA Sequences. , 2020, , . | | 0 |
| 24 | Angiogenin generates specific stress-induced tRNA halves and is not involved in tRF-3â€“mediated gene silencing. Journal of Biological Chemistry, 2019, 294, 16930-16941. | 1.6 | 109 |
| 25 | Small extrachromosomal circular DNAs, microDNA, produce short regulatory RNAs that suppress gene expression independent of canonical promoters. Nucleic Acids Research, 2019, 47, 4586-4596. | 6.5 | 95 |
| 26 | The Germline Variants rs61757955 and rs34988193 Are Predictive of Survival in Lower Grade Glioma Patients. Molecular Cancer Research, 2019, 17, 1075-1086. | 1.5 | 7 |
| 27 | A Prognostic Signature for Lower Grade Gliomas Based on Expression of Long Non-Coding RNAs. Molecular Neurobiology, 2019, 56, 4786-4798. | 1.9 | 71 |
| 28 | Discoveries of Extrachromosomal Circles of DNA in Normal and Tumor Cells. Trends in Genetics, 2018, 34, 270-278. | 2.9 | 167 |
| 29 | The Deubiquitinase USP46 Is Essential for Proliferation and Tumor Growth of HPV-Transformed Cancers. Molecular Cell, 2018, 72, 823-835.e5. | 4.5 | 48 |
| 30 | tRNA fragments (tRFs) guide Ago to regulate gene expression post-transcriptionally in a Dicer-independent manner. Rna, 2018, 24, 1093-1105. | 1.6 | 276 |
| 31 | MUNC, an Enhancer RNA Upstream from the MYOD Gene, Induces a Subgroup of Myogenic Transcripts in trans Independently of MyoD. Molecular and Cellular Biology, 2018, 38, . | 1.1 | 32 |
| 32 | LINC00152 Promotes Invasion through a 3â€²-Hairpin Structure and Associates with Prognosis in Glioblastoma. Molecular Cancer Research, 2018, 16, 1470-1482. | 1.5 | 44 |
| 33 | Normal and Cancerous Tissues Release Extrachromosomal Circular DNA (eccDNA) into the Circulation. Molecular Cancer Research, 2017, 15, 1197-1205. | 1.5 | 165 |
| 34 | ASF1a Promotes Non-homologous End Joining Repair by Facilitating Phosphorylation of MDC1 by ATM at Double-Strand Breaks. Molecular Cell, 2017, 68, 61-75.e5. | 4.5 | 33 |
| 35 | Regulation of Mammalian DNA Replication via the Ubiquitin-Proteasome System. Advances in Experimental Medicine and Biology, 2017, 1042, 421-454. | 0.8 | 18 |
| 36 | Expression of lncRNAs in Low-Grade Gliomas and Glioblastoma Multiforme: An In Silico Analysis. PLoS Medicine, 2016, 13, e1002192. | 3.9 | 71 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Biogenesis and Function of Transfer RNA-Related Fragments (tRFs). Trends in Biochemical Sciences, 2016, 41, 679-689. | 3.7 | 371 |
| 38 | A Pro-metastatic tRNA Pathway. Cell, 2016, 165, 1314-1315. | 13.5 | 2 |
| 39 | Biological Processes Discovered by High-Throughput Sequencing. American Journal of Pathology, 2016, 186, 722-732. | 1.9 | 12 |
| 40 | Two subunits of human ORC are dispensable for DNA replication and proliferation. ELife, 2016, 5, . | 2.8 | 36 |
| 41 | Anindya Dutta. Current Biology, 2015, 25, R1112-R1114. | 1.8 | 0 |
| 42 | The AAA+ proteins Pontin and Reptin enter adult age: from understanding their basic biology to the identification of selective inhibitors. Frontiers in Molecular Biosciences, 2015, 2, 17. | 1.6 | 37 |
| 43 | The Acetyltransferase Tip60 Is a Critical Regulator of the Differentiation-Dependent Amplification of Human Papillomaviruses. Journal of Virology, 2015, 89, 4668-4675. | 1.5 | 42 |
| 44 | The lncRNA DRAIC/PCAT29 Locus Constitutes a Tumor-Suppressive Nexus. Molecular Cancer Research, 2015, 13, 828-838. | 1.5 | 119 |
| 45 | tRFdb: a database for transfer RNA fragments. Nucleic Acids Research, 2015, 43, D141-D145. | 6.5 | 216 |
| 46 | MCM8-9 complex promotes resection of double-strand break ends by MRE11-RAD50-NBS1 complex. Nature Communications, 2015, 6, 7744. | 5.8 | 86 |
| 47 | Initiation of replication in Xenopus egg extracts at a spatially defined origin. Cell Cycle, 2015, 14, 2391-2391. | 1.3 | 0 |
| 48 | Production of Extrachromosomal MicroDNAs Is Linked to Mismatch Repair Pathways and Transcriptional Activity. Cell Reports, 2015, 11, 1749-1759. | 2.9 | 135 |
| 49 | Sequential replication-coupled destruction at G1/S ensures genome stability. Genes and Development, 2015, 29, 1734-1746. | 2.7 | 48 |
| 50 | MUNC, a Long Noncoding RNA That Facilitates the Function of MyoD in Skeletal Myogenesis. Molecular and Cellular Biology, 2015, 35, 498-513. | 1.1 | 125 |
| 51 | A pan-cancer analysis of prognostic genes. PeerJ, 2015, 3, e1499. | 0.9 | 32 |
| 52 | CRL4Cdt2 E3 Ubiquitin Ligase and Proliferating Cell Nuclear Antigen (PCNA) Cooperate to Degrade Thymine DNA Glycosylase in S Phase. Journal of Biological Chemistry, 2014, 289, 23056-23064. | 1.6 | 47 |
| 53 | Long non-coding RNAs as emerging regulators of differentiation, development, and disease. Transcription, 2014, 5, e944014. | 1.7 | 287 |
| 54 | Meta-analysis of tRNA derived RNA fragments reveals that they are evolutionarily conserved and associate with AGO proteins to recognize specific RNA targets. BMC Biology, 2014, 12, 78. | 1.7 | 455 |

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|---|---|---|---|
| 55 | ATR checkpoint kinase and CRL1<sup>Î²TRCP</sup> collaborate to degrade ASF1a and thus repress genes overlapping with clusters of stalled replication forks. Genes and Development, 2014, 28, 875-887. | 2.7 | 27 |
| 56 | 14-3-3 Proteins Play a Role in the Cell Cycle by Shielding Cdt2 from Ubiquitin-Mediated Degradation. Molecular and Cellular Biology, 2014, 34, 4049-4061. | 1.1 | 46 |
| 57 | Multiple receptor tyrosine kinases converge on microRNA-134 to control KRAS, STAT5B, and glioblastoma. Cell Death and Differentiation, 2014, 21, 720-734. | 5.0 | 69 |
| 58 | The H19 long noncoding RNA gives rise to microRNAs miR-675-3p and miR-675-5p to promote skeletal muscle differentiation and regeneration. Genes and Development, 2014, 28, 491-501. | 2.7 | 432 |
| 59 | Regulation of several androgen-induced genes through the repression of the miR-99a/let-7c/miR-125b-2 miRNA cluster in prostate cancer cells. Oncogene, 2014, 33, 1448-1457. | 2.6 | 86 |
| 60 | A New lncRNA, APTR, Associates with and Represses the CDKN1A/p21 Promoter by Recruiting Polycomb Proteins. PLoS ONE, 2014, 9, e95216. | 1.1 | 76 |
| 61 | Novel Anti-Apoptotic MicroRNAs 582-5p and 363 Promote Human Glioblastoma Stem Cell Survival via Direct Inhibition of Caspase 3, Caspase 9, and Bim. PLoS ONE, 2014, 9, e96239. | 1.1 | 95 |
| 62 | Overcoming Platinum Resistance in Preclinical Models of Ovarian Cancer Using the Neddylation Inhibitor MLN4924. Molecular Cancer Therapeutics, 2013, 12, 1958-1967. | 1.9 | 60 |
| 63 | MicroRNAs induced in melanoma treated with combination targeted therapy of Temsirolimus and Bevacizumab. Journal of Translational Medicine, 2013, 11, 218. | 1.8 | 22 |
| 64 | RVBs Are Required for Assembling a Functional TIP60 Complex. Molecular and Cellular Biology, 2013, 33, 1164-1174. | 1.1 | 39 |
| 65 | Tip60 degradation by adenovirus relieves transcriptional repression of viral transcriptional activator EIA. Oncogene, 2013, 32, 5017-5025. | 2.6 | 54 |
| 66 | The miR-99 family regulates the DNA damage response through its target SNF2H. Oncogene, 2013, 32, 1164-1172. | 2.6 | 123 |
| 67 | CRL1-FBXO11 Promotes Cdt2ÂUbiquitylation and Degradation and Regulates Pr-Set7/Set8-Mediated Cellular Migration. Molecular Cell, 2013, 49, 1147-1158. | 4.5 | 78 |
| 68 | Defective nuclear import of Tpr in Progeria reflects the Ran sensitivity of large cargo transport. Journal of Cell Biology, 2013, 201, 541-557. | 2.3 | 58 |
| 69 | Deubiquitination of Tip60 by USP7 Determines the Activity of the p53-Dependent Apoptotic Pathway. Molecular and Cellular Biology, 2013, 33, 3309-3320. | 1.1 | 68 |
| 70 | The MCM8-MCM9 Complex Promotes RAD51 Recruitment at DNA Damage Sites To Facilitate Homologous Recombination. Molecular and Cellular Biology, 2013, 33, 1632-1644. | 1.1 | 100 |
| 71 | Chromosomal structural variations during progression of a prostate epithelial cell line to a malignant metastatic state inactivate the NF2, NIPSNAP1, UGT2B17, and LPIN2 genes. Cancer Biology and Therapy, 2013, 14, 840-852. | 1.5 | 15 |
| 72 | Degradation of p12 Subunit by CRL4Cdt2 E3 Ligase Inhibits Fork Progression after DNA Damage. Journal of Biological Chemistry, 2013, 288, 30509-30514. | 1.6 | 32 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Genomic Instability in Cancer. Cold Spring Harbor Perspectives in Biology, 2013, 5, a012914-a012914. | 2.3 | 142 |
| 74 | Regulation of TGF-Î² signaling, exit from the cell cycle, and cellular migration through cullin cross-regulation: SCF-FBXO11 turns off CRL4-Cdt2. Cell Cycle, 2013, 12, 2175-2182. | 1.3 | 17 |
| 75 | Human Primpol1: a novel guardian of stalled replication forks. EMBO Reports, 2013, 14, 1032-1033. | 2.0 | 7 |
| 76 | miR-26a is required for skeletal muscle differentiation and regeneration in mice. Genes and Development, 2012, 26, 2180-2191. | 2.7 | 200 |
| 77 | Non-micro-short RNAs: the new kids on the block. Molecular Biology of the Cell, 2012, 23, 4664-4667. | 0.9 | 7 |
| 78 | Notch3 and Mef2c Proteins Are Mutually Antagonistic via Mkp1 Protein and miR-1/206 MicroRNAs in Differentiating Myoblasts. Journal of Biological Chemistry, 2012, 287, 40360-40370. | 1.6 | 87 |
| 79 | MicroRNAs regulate and provide robustness to the myogenic transcriptional network. Current Opinion in Pharmacology, 2012, 12, 383-388. | 1.7 | 34 |
| 80 | The role of microRNAs in glioma initiation and progression. Frontiers in Bioscience - Landmark, 2012, 17, 700. | 3.0 | 94 |
| 81 | Extrachromosomal MicroDNAs and Chromosomal Microdeletions in Normal Tissues. Science, 2012, 336, 82-86. | 6.0 | 232 |
| 82 | miR-99 Family of MicroRNAs Suppresses the Expression of Prostate-Specific Antigen and Prostate Cancer Cell Proliferation. Cancer Research, 2011, 71, 1313-1324. | 0.4 | 217 |
| 83 | MicroRNA-378 Targets the Myogenic Repressor MyoR during Myoblast Differentiation. Journal of Biological Chemistry, 2011, 286, 19431-19438. | 1.6 | 147 |
| 84 | Molecular Requirements for Transformation of Fallopian Tube Epithelial Cells into Serous Carcinoma. Neoplasia, 2011, 13, 899-IN16. | 2.3 | 66 |
| 85 | Nuclear Scaffold Attachment Sites within ENCODE Regions Associate with Actively Transcribed Genes. PLoS ONE, 2011, 6, e17912. | 1.1 | 23 |
| 86 | DNA Replication: Mammalian Treslinâ€“TopBP1 Interaction Mirrors Yeast Sld3â€“Dpb11. Current Biology, 2011, 21, R638-R640. | 1.8 | 17 |
| 87 | Bubble-chip analysis of human origin distributions demonstrates on a genomic scale significant clustering into zones and significant association with transcription. Genome Research, 2011, 21, 377-389. | 2.4 | 78 |
| 88 | Selective Ubiquitylation of p21 and Cdt1 by UBCH8 and UBE2G Ubiquitin-Conjugating Enzymes via the CRL4<sup>Cdt2</sup> Ubiquitin Ligase Complex. Molecular and Cellular Biology, 2011, 31, 3136-3145. | 1.1 | 44 |
| 89 | The effect of the intra-S-phase checkpoint on origins of replication in human cells. Genes and Development, 2011, 25, 621-633. | 2.7 | 67 |
| 90 | The SKP1-Cul1-F-box and Leucine-rich Repeat Protein 4 (SCF-FbxL4) Ubiquitin Ligase Regulates Lysine Demethylase 4A (KDM4A)/Jumonji Domain-containing 2A (JMJD2A) Protein. Journal of Biological Chemistry, 2011, 286, 30462-30470. | 1.6 | 54 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Rad18 emerges as a critical regulator of the Fanconi anemia pathway. Cell Cycle, 2011, 10, 2415-2415. | 1.3 | 5 |
| 92 | CRL4<sup>Cdt2</sup>. Cell Cycle, 2011, 10, 241-249. | 1.3 | 140 |
| 93 | miR-206 and -486 Induce Myoblast Differentiation by Downregulating Pax7. Molecular and Cellular Biology, 2011, 31, 203-214. | 1.1 | 363 |
| 94 | Evaluation of EVI1 and EVI1s (Î”324) as potential therapeutic targets in ovarian cancer. Gynecologic Oncology, 2010, 118, 189-195. | 0.6 | 24 |
| 95 | MiR-322/424 and -503 Are Induced during Muscle Differentiation and Promote Cell Cycle Quiescence and Differentiation by Down-Regulation of Cdc25A. Molecular Biology of the Cell, 2010, 21, 2138-2149. | 0.9 | 189 |
| 96 | NEDD8-Targeting Drug MLN4924 Elicits DNA Rereplication by Stabilizing Cdt1 in S Phase, Triggering Checkpoint Activation, Apoptosis, and Senescence in Cancer Cells. Cancer Research, 2010, 70, 10310-10320. | 0.4 | 245 |
| 97 | CRL4Cdt2 E3 Ubiquitin Ligase Monoubiquitinates PCNA to Promote Translesion DNA Synthesis. Molecular Cell, 2010, 37, 143-149. | 4.5 | 135 |
| 98 | Destabilization of TIP60 by Human Papillomavirus E6 Results in Attenuation of TIP60-Dependent Transcriptional Regulation and Apoptotic Pathway. Molecular Cell, 2010, 38, 700-711. | 4.5 | 115 |
| 99 | CRL4Cdt2 Regulates Cell Proliferation and Histone Gene Expression by Targeting PR-Set7/Set8 for Degradation. Molecular Cell, 2010, 40, 9-21. | 4.5 | 244 |
| 100 | Genomic Study of Replication Initiation in Human Chromosomes Reveals the Influence of Transcription Regulation and Chromatin Structure on Origin Selection. Molecular Biology of the Cell, 2010, 21, 393-404. | 0.9 | 151 |
| 101 | Detection of DNA fusion junctions for BCR-ABL translocations by Anchored ChromPET. Genome Medicine, 2010, 2, 70. | 3.6 | 25 |
| 102 | A novel class of small RNAs: tRNA-derived RNA fragments (tRFs). Genes and Development, 2009, 23, 2639-2649. | 2.7 | 914 |
| 103 | Yeast genome analysis identifies chromosomal translocation, gene conversion events and several sites of Ty element insertion. Nucleic Acids Research, 2009, 37, 6454-6465. | 6.5 | 12 |
| 104 | Surface Treatment of Pure and PEG-4000 Blended Fibroin Films and their Characterizations as Matrices for in vitro Fibroblast Culture. Journal of Biomaterials Applications, 2009, 23, 497-517. | 1.2 | 5 |
| 105 | The Deubiquitinating Enzyme BAP1 Regulates Cell Growth via Interaction with HCF-1. Journal of Biological Chemistry, 2009, 284, 34179-34188. | 1.6 | 224 |
| 106 | The Evolution of Guanylyl Cyclases as Multidomain Proteins: Conserved Features of Kinase-Cyclase Domain Fusions. Journal of Molecular Evolution, 2009, 68, 587-602. | 0.8 | 37 |
| 107 | p21 in cancer: intricate networks and multiple activities. Nature Reviews Cancer, 2009, 9, 400-414. | 12.8 | 2,192 |
| 108 | MicroRNAs in Cancer. Annual Review of Pathology: Mechanisms of Disease, 2009, 4, 199-227. | 9.6 | 1,218 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | RVB1/RVB2: Running Rings around Molecular Biology. Molecular Cell, 2009, 34, 521-533. | 4.5 | 202 |
| 110 | Microarray Analysis of DNA Replication Timing. Methods in Molecular Biology, 2009, 556, 191-203. | 0.4 | 8 |
| 111 | Architecture of the Pontin/Reptin Complex, Essential in the Assembly of Several Macromolecular Complexes. Structure, 2008, 16, 1511-1520. | 1.6 | 63 |
| 112 | The Immortal Strand Hypothesis: How Could It Work?. Cell, 2008, 133, 21-23. | 13.5 | 37 |
| 113 | PCNA-dependent regulation of p21 ubiquitylation and degradation via the CRL4<sup>Cdt2</sup> ubiquitin ligase complex. Genes and Development, 2008, 22, 2496-2506. | 2.7 | 334 |
| 114 | Human Cdt1 Lacking the Evolutionarily Conserved Region That Interacts with MCM2â€“7 Is Capable of Inducing Re-replication. Journal of Biological Chemistry, 2008, 283, 6817-6825. | 1.6 | 29 |
| 115 | Human Rvb1/Tip49 Is Required for the Histone Acetyltransferase Activity of Tip60/NuA4 and for the Downregulation of Phosphorylation on H2AX after DNA Damage. Molecular and Cellular Biology, 2008, 28, 2690-2700. | 1.1 | 142 |
| 116 | Pan-S replication patterns and chromosomal domains defined by genome-tiling arrays of ENCODE genomic areas. Genome Research, 2007, 17, 865-876. | 2.4 | 94 |
| 117 | Autocatalytic Phosphorylation of CDK2 at the Activating Thr160. Cell Cycle, 2007, 6, 843-852. | 1.3 | 32 |
| 118 | Mcm10 and And-1/CTF4 recruit DNA polymerase Î± to chromatin for initiation of DNA replication. Genes and Development, 2007, 21, 2288-2299. | 2.7 | 181 |
| 119 | The APC/C inhibitor, Emi1, is essential for prevention of rereplication. Genes and Development, 2007, 21, 184-194. | 2.7 | 170 |
| 120 | UBE2T, the Fanconi Anemia Core Complex, and FANCD2 Are Recruited Independently to Chromatin: a Basis for the Regulation of FANCD2 Monoubiquitination. Molecular and Cellular Biology, 2007, 27, 8421-8430. | 1.1 | 79 |
| 121 | ATR Pathway Is the Primary Pathway for Activating G2/M Checkpoint Induction After Re-replication. Journal of Biological Chemistry, 2007, 282, 30357-30362. | 1.6 | 55 |
| 122 | The tumor suppressor microRNA let-7 represses the HMGA2 oncogene. Genes and Development, 2007, 21, 1025-1030. | 2.7 | 1,066 |
| 123 | APC/C--the master controller of origin licensing?. Cell Division, 2007, 2, 8. | 1.1 | 31 |
| 124 | Chaotic license for genetic instability and cancer. Nature Genetics, 2007, 39, 10-11. | 9.4 | 17 |
| 125 | Identification and analysis of functional elements in 1% of the human genome by the ENCODE pilot project. Nature, 2007, 447, 799-816. | 13.7 | 4,709 |
| 126 | Mechanisms to control rereplication and implications for cancer. Current Opinion in Cell Biology, 2007, 19, 663-671. | 2.6 | 109 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | The Origin Recognition Complex Localizes to Telomere Repeats and Prevents Telomere-Circle Formation. Current Biology, 2007, 17, 1989-1995. | 1.8 | 78 |
| 128 | Regulation of S Phase. , 2006, 42, 31-63. | | 9 |
| 129 | Muscle-specific microRNA miR-206 promotes muscle differentiation. Journal of Cell Biology, 2006, 174, 677-687. | 2.3 | 710 |
| 130 | UBE2T Is the E2 in the Fanconi Anemia Pathway and Undergoes Negative Autoregulation. Molecular Cell, 2006, 23, 589-596. | 4.5 | 244 |
| 131 | p130-Angiomotin associates to actin and controls endothelial cell shape. FEBS Journal, 2006, 273, 2000-2011. | 2.2 | 95 |
| 132 | Activation of Fanconi Anemia Pathway in Cells with Re-Replicated DNA. Cell Cycle, 2006, 5, 2306-2309. | 1.3 | 10 |
| 133 | CDK2-Activating Kinase (CAK): More Questions than Answers. Cell Cycle, 2006, 5, 1123-1124. | 1.3 | 7 |
| 134 | Targeted Comparative RNA Interference Analysis Reveals Differential Requirement of Genes Essential for Cell Proliferation. Molecular Biology of the Cell, 2006, 17, 4837-4845. | 0.9 | 15 |
| 135 | An ATR- and BRCA1-Mediated Fanconi Anemia Pathway Is Required for Activating the G 2 /M Checkpoint and DNA Damage Repair upon Rereplication. Molecular and Cellular Biology, 2006, 26, 4601-4611. | 1.1 | 78 |
| 136 | PCNA Is a Cofactor for Cdt1 Degradation by CUL4/DDB1-mediated N-terminal Ubiquitination. Journal of Biological Chemistry, 2006, 281, 6246-6252. | 1.6 | 215 |
| 137 | Proliferating Human Cells Hypomorphic for Origin Recognition Complex 2 and Pre-replicative Complex Formation Have a Defect in p53 Activation and Cdk2 Kinase Activation. Journal of Biological Chemistry, 2006, 281, 6253-6260. | 1.6 | 27 |
| 138 | Differential efficacy of 3-hydroxy-3-methylglutaryl CoA reductase inhibitors on the cell cycle of prostate cancer cells. Molecular Cancer Therapeutics, 2006, 5, 2310-2316. | 1.9 | 116 |
| 139 | MicroRNAs: small but potent oncogenes or tumor suppressors. Current Opinion in Investigational Drugs, 2006, 7, 560-4. | 2.3 | 62 |
| 140 | Preventing re-replication of chromosomal DNA. Nature Reviews Molecular Cell Biology, 2005, 6, 476-486. | 16.1 | 601 |
| 141 | DNA replication and progression through S phase. Oncogene, 2005, 24, 2827-2843. | 2.6 | 175 |
| 142 | Geminin â€“ Cdt1 balance is critical for genetic stability. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 569, 111-121. | 0.4 | 75 |
| 143 | Degradation of Cdt1 during S Phase Is Skp2-independent and Is Required for Efficient Progression of Mammalian Cells through S Phase. Journal of Biological Chemistry, 2005, 280, 23416-23423. | 1.6 | 97 |
| 144 | Acute Reduction of an Origin Recognition Complex (ORC) Subunit in Human Cells Reveals a Requirement of ORC for Cdk2 Activation. Journal of Biological Chemistry, 2005, 280, 27624-27630. | 1.6 | 77 |

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|---|---|---|---|
| 145 | DNA Replication and Genomic Instability. , 2005, 570, 249-279. | | 23 |
| 146 | Cellular Checkpoint Mechanisms Monitoring Proper Initiation of DNA Replication. Journal of Biological Chemistry, 2005, 280, 6253-6256. | 1.6 | 22 |
| 147 | Depletion of Human Micro-RNA miR-125b Reveals That It Is Critical for the Proliferation of Differentiated Cells but Not for the Down-regulation of Putative Targets during Differentiation. Journal of Biological Chemistry, 2005, 280, 16635-16641. | 1.6 | 299 |
| 148 | Recruitment of ORC or CDC6 to DNA is sufficient to create an artificial origin of replication in mammalian cells. Genes and Development, 2005, 19, 2827-2836. | 2.7 | 64 |
| 149 | Nuclear localization of RFC40 by RÎ±: A link between cellular signaling and proliferation. Cancer Biology and Therapy, 2005, 4, 444-445. | 1.5 | 0 |
| 150 | Temporal profile of replication of human chromosomes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6419-6424. | 3.3 | 105 |
| 151 | Right Place, Right Time, and Only Once: Replication Initiation in Metazoans. Cell, 2005, 123, 13-24. | 13.5 | 278 |
| 152 | Expression of PACT and EIF2C2, Implicated in RNAi and MicroRNA pathways, in various human cell lines. Korean Journal of Biological Sciences, 2004, 8, 213-220. | 0.1 | 0 |
| 153 | Rereplication by Depletion of Geminin Is Seen Regardless of p53 Status and Activates a G 2 /M Checkpoint. Molecular and Cellular Biology, 2004, 24, 7140-7150. | 1.1 | 218 |
| 154 | The destruction box of human Geminin is critical for proliferation and tumor growth in human colon cancer cells. Oncogene, 2004, 23, 58-70. | 2.6 | 34 |
| 155 | A Dimerized Coiled-Coil Domain and an Adjoining Part of Geminin Interact with Two Sites on Cdt1 for Replication Inhibition. Molecular Cell, 2004, 15, 245-258. | 4.5 | 73 |
| 156 | Rvb1p/Rvb2p Recruit Arp5p and Assemble a Functional Ino80 Chromatin Remodeling Complex. Molecular Cell, 2004, 16, 465-477. | 4.5 | 179 |
| 157 | Inhibition of cdk2 Activating Phosphorylation by Mevastatin. Journal of Biological Chemistry, 2003, 278, 4840-4846. | 1.6 | 50 |
| 158 | A p53-Dependent Checkpoint Pathway Prevents Rereplication. Molecular Cell, 2003, 11, 997-1008. | 4.5 | 379 |
| 159 | A p53-Dependent Checkpoint Pathway Prevents Rereplication. Molecular Cell, 2003, 11, 1415. | 4.5 | 3 |
| 160 | Small RNAs with Imperfect Match to Endogenous mRNA Repress Translation. Journal of Biological Chemistry, 2003, 278, 44312-44319. | 1.6 | 355 |
| 161 | p21-dependent Inhibition of Colon Cancer Cell Growth by Mevastatin Is Independent of Inhibition of G1 Cyclin-dependent Kinases. Journal of Biological Chemistry, 2003, 278, 43586-43594. | 1.6 | 76 |
| 162 | Geminin and p53: Deterrents to Re-replication in Human Cancer Cells. Cell Cycle, 2003, 2, 282-285. | 1.3 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Expression of Geminin as a Marker of Cell Proliferation in Normal Tissues and Malignancies. American Journal of Pathology, 2002, 161, 267-273. | 1.9 | 108 |
| 164 | Xenopus Mcm10 Binds to Origins of DNA Replication after Mcm2-7 and Stimulates Origin Binding of Cdc45. Molecular Cell, 2002, 9, 233-240. | 4.5 | 170 |
| 165 | DNA Replication in Eukaryotic Cells. Annual Review of Biochemistry, 2002, 71, 333-374. | 5.0 | 1,589 |
| 166 | Replication from oriP of Epstein-Barr Virus Requires Human ORC and Is Inhibited by Geminin. Cell, 2001, 106, 287-296. | 13.5 | 263 |
| 167 | Human DNA replication initiation factors, ORC and MCM, associate with oriP of Epstein-Barr virus. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 10085-10089. | 3.3 | 187 |
| 168 | Multiple Mechanisms Regulate Subcellular Localization of Human CDC6. Journal of Biological Chemistry, 2001, 276, 26947-26954. | 1.6 | 77 |
| 169 | Architecture of the Human Origin Recognition Complex. Journal of Biological Chemistry, 2001, 276, 29067-29071. | 1.6 | 99 |
| 170 | Rvb1p and Rvb2p Are Essential Components of a Chromatin Remodeling Complex That Regulates Transcription of over 5% of Yeast Genes. Journal of Biological Chemistry, 2001, 276, 16279-16288. | 1.6 | 103 |
| 171 | A Bipartite Substrate Recognition Motif for Cyclin-dependent Kinases. Journal of Biological Chemistry, 2001, 276, 1993-1997. | 1.6 | 116 |
| 172 | Mutational Analysis of the Cy Motif from p21 Reveals Sequence Degeneracy and Specificity for Different Cyclin-Dependent Kinases. Molecular and Cellular Biology, 2001, 21, 4868-4874. | 1.1 | 74 |
| 173 | Requirement of CDC45 for Postimplantation Mouse Development. Molecular and Cellular Biology, 2001, 21, 4598-4603. | 1.1 | 36 |
| 174 | Evaluation of Cyclin Expression in Testicular Germ Cell Tumors: Cyclin E Correlates with Tumor Type, Advanced Clinical Stage, and Pulmonary Metastasis. Modern Pathology, 2000, 13, 667-672. | 2.9 | 25 |
| 175 | Subsets of Human Origin Recognition Complex (ORC) Subunits Are Expressed in Non-proliferating Cells and Associate with Non-ORC Proteins. Journal of Biological Chemistry, 2000, 275, 35233-35241. | 1.6 | 46 |
| 176 | Identification and Characterization of the Human ORC6 Homolog. Journal of Biological Chemistry, 2000, 275, 34983-34988. | 1.6 | 69 |
| 177 | Proteasome Inhibitors Alter the Orderly Progression of DNA Synthesis during S-Phase in HeLa Cells and Lead to Rereplication of DNA. Experimental Cell Research, 2000, 261, 271-283. | 1.2 | 20 |
| 178 | Inhibition of Eukaryotic DNA Replication by Geminin Binding to Cdt1. Science, 2000, 290, 2309-2312. | 6.0 | 660 |
| 179 | latheo Encodes a Subunit of the Origin Recognition Complex and Disrupts Neuronal Proliferation and Adult Olfactory Memory When Mutant. Neuron, 1999, 23, 45-54. | 3.8 | 104 |
| 180 | BH-protocadherin-c, a member of the cadherin superfamily, interacts with protein phosphatase 1 alpha through its intracellular domain. FEBS Letters, 1999, 460, 93-98. | 1.3 | 52 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | In Vitro Analysis of SV 40 DNA Replication. Current Protocols in Cell Biology, 1999, 2, Unit 11.5. | 2.3 | 0 |
| 182 | The Evolutionarily Conserved Zinc Finger Motif in the Largest Subunit of Human Replication Protein A Is Required for DNA Replication and Mismatch Repair but Not for Nucleotide Excision Repair. Journal of Biological Chemistry, 1998, 273, 1453-1461. | 1.6 | 130 |
| 183 | An Eukaryotic RuvB-like Protein (RUVBL1) Essential for Growth. Journal of Biological Chemistry, 1998, 273, 27786-27793. | 1.6 | 120 |
| 184 | ORC5L, a New Member of the Human Origin Recognition Complex, Is Deleted in Uterine Leiomyomas and Malignant Myeloid Diseases. Journal of Biological Chemistry, 1998, 273, 27137-27145. | 1.6 | 67 |
| 185 | Human CDC6/Cdc18 Associates with Orc1 and Cyclin-cdk and Is Selectively Eliminated from the Nucleus at the Onset of S Phase. Molecular and Cellular Biology, 1998, 18, 2758-2767. | 1.1 | 245 |
| 186 | The Human Homolog of Saccharomyces cerevisiae CDC45. Journal of Biological Chemistry, 1998, 273, 18205-18209. | 1.6 | 50 |
| 187 | p21<sup>CIP1</sup> and Cdc25A: Competition between an Inhibitor and an Activator of Cyclin-Dependent Kinases. Molecular and Cellular Biology, 1997, 17, 4338-4345. | 1.1 | 96 |
| 188 | Identification of HsORC4, a Member of the Human Origin of Replication Recognition Complex. Journal of Biological Chemistry, 1997, 272, 28247-28251. | 1.6 | 69 |
| 189 | INITIATION OF DNA REPLICATION IN EUKARYOTIC CELLS. Annual Review of Cell and Developmental Biology, 1997, 13, 293-332. | 4.0 | 379 |
| 190 | p21Cip1/Waf1 disrupts the recruitment of human Fen1 by proliferating-cell nuclear antigen into the DNA replication complex.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 11597-11602. | 3.3 | 122 |
| 191 | Dissection of Functional Domains of the Human DNA Replication Protein Complex Replication Protein A. Journal of Biological Chemistry, 1996, 271, 17190-17198. | 1.6 | 77 |
| 192 | Phosphorylation of human replication protein A by the DNA-dependent protein kinase is involved in the modulation of DNA replication. Nucleic Acids Research, 1996, 24, 3107-3112. | 6.5 | 51 |
| 193 | A 39 Amino Acid Fragment of the Cell Cycle Regulator p21 Is Sufficient to Bind PCNA and Partially Inhibit DNA Replication in vivo. Nucleic Acids Research, 1996, 24, 1727-1733. | 6.5 | 73 |
| 194 | Cyclin-Binding Motifs Are Essential for the Function of p21<sup>CIP1</sup>. Molecular and Cellular Biology, 1996, 16, 4673-4682. | 1.1 | 305 |
| 195 | SV40-Based in Vitro DNA Replication Assay. , 1996, , 175-185. | | 1 |
| 196 | Rpa4, a Homolog of the 34-Kilodalton Subunit of the Replication Protein A Complex. Molecular and Cellular Biology, 1995, 15, 3119-3128. | 1.1 | 47 |
| 197 | Cyclins as markers of tumor proliferation: immunocytochemical studies in breast cancer.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 5386-5390. | 3.3 | 169 |
| 198 | Separate domains of p21 involved in the inhibition of Cdk kinase and PCNA. Nature, 1995, 374, 386-388. | 13.7 | 545 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Inhibition of DNA replication factor RPA by p53. Nature, 1993, 365, 79-82. | 13.7 | 373 |
| 200 | Trans-plication factors?. Current Biology, 1993, 3, 709-712. | 1.8 | 10 |
| 201 | Noncoding RNAs in Glioblastoma. , 0, , 95-130. | | 19 |
| 202 | Characterization of novel small non-coding RNAs and their modifications in bladder cancer using an updated small RNA-seq workflow. Frontiers in Molecular Biosciences, 0, 9, . | 1.6 | 3 |