

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	Identification and analysis of functional elements in 1% of the human genome by the ENCODE pilot project. <i>Nature</i> , 2007, 447, 799-816.	13.7	4,709
2	p21 in cancer: intricate networks and multiple activities. <i>Nature Reviews Cancer</i> , 2009, 9, 400-414.	12.8	2,192
3	DNA Replication in Eukaryotic Cells. <i>Annual Review of Biochemistry</i> , 2002, 71, 333-374.	5.0	1,589
4	MicroRNAs in Cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2009, 4, 199-227.	9.6	1,218
5	The tumor suppressor microRNA let-7 represses the HMGA2 oncogene. <i>Genes and Development</i> , 2007, 21, 1025-1030.	2.7	1,066
6	A novel class of small RNAs: tRNA-derived RNA fragments (tRFs). <i>Genes and Development</i> , 2009, 23, 2639-2649.	2.7	914
7	Muscle-specific microRNA miR-206 promotes muscle differentiation. <i>Journal of Cell Biology</i> , 2006, 174, 677-687.	2.3	710
8	Inhibition of Eukaryotic DNA Replication by Geminin Binding to Cdt1. <i>Science</i> , 2000, 290, 2309-2312.	6.0	660
9	Preventing re-replication of chromosomal DNA. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 476-486.	16.1	601
10	Separate domains of p21 involved in the inhibition of Cdk kinase and PCNA. <i>Nature</i> , 1995, 374, 386-388.	13.7	545
11	Meta-analysis of tRNA derived RNA fragments reveals that they are evolutionarily conserved and associate with AGO proteins to recognize specific RNA targets. <i>BMC Biology</i> , 2014, 12, 78.	1.7	455
12	The <i>H19</i> long noncoding RNA gives rise to microRNAs miR-675-3p and miR-675-5p to promote skeletal muscle differentiation and regeneration. <i>Genes and Development</i> , 2014, 28, 491-501.	2.7	432
13	INITIATION OF DNA REPLICATION IN EUKARYOTIC CELLS. <i>Annual Review of Cell and Developmental Biology</i> , 1997, 13, 293-332.	4.0	379
14	A p53-Dependent Checkpoint Pathway Prevents Rereplication. <i>Molecular Cell</i> , 2003, 11, 997-1008.	4.5	379
15	Inhibition of DNA replication factor RPA by p53. <i>Nature</i> , 1993, 365, 79-82.	13.7	373
16	Biogenesis and Function of Transfer RNA-Related Fragments (tRFs). <i>Trends in Biochemical Sciences</i> , 2016, 41, 679-689.	3.7	371
17	miR-206 and -486 Induce Myoblast Differentiation by Downregulating Pax7. <i>Molecular and Cellular Biology</i> , 2011, 31, 203-214.	1.1	363
18	Small RNAs with Imperfect Match to Endogenous mRNA Repress Translation. <i>Journal of Biological Chemistry</i> , 2003, 278, 44312-44319.	1.6	355

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19	PCNA-dependent regulation of p21 ubiquitylation and degradation via the CRL4 ^{Cdt2} ubiquitin ligase complex. <i>Genes and Development</i> , 2008, 22, 2496-2506.	2.7	334
20	Cyclin-Binding Motifs Are Essential for the Function of p21 ^{CIP1} . <i>Molecular and Cellular Biology</i> , 1996, 16, 4673-4682.	1.1	305
21	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. <i>Journal of Biological Chemistry</i> , 2005, 280, 16635-16641.	1.6	299
22	Long non-coding RNAs as emerging regulators of differentiation, development, and disease. <i>Transcription</i> , 2014, 5, e944014.	1.7	287
23	Right Place, Right Time, and Only Once: Replication Initiation in Metazoans. <i>Cell</i> , 2005, 123, 13-24.	13.5	278
24	tRNA fragments (tRFs) guide Ago to regulate gene expression post-transcriptionally in a Dicer-independent manner. <i>Rna</i> , 2018, 24, 1093-1105.	1.6	276
25	Replication from oriP of Epstein-Barr Virus Requires Human ORC and Is Inhibited by Geminin. <i>Cell</i> , 2001, 106, 287-296.	13.5	263
26	Human CDC6/Cdc18 Associates with Orc1 and Cyclin-cdk and Is Selectively Eliminated from the Nucleus at the Onset of S Phase. <i>Molecular and Cellular Biology</i> , 1998, 18, 2758-2767.	1.1	245
27	NEDD8-Targeting Drug MLN4924 Elicits DNA Rereplication by Stabilizing Cdt1 in S Phase, Triggering Checkpoint Activation, Apoptosis, and Senescence in Cancer Cells. <i>Cancer Research</i> , 2010, 70, 10310-10320.	0.4	245
28	UBE2T Is the E2 in the Fanconi Anemia Pathway and Undergoes Negative Autoregulation. <i>Molecular Cell</i> , 2006, 23, 589-596.	4.5	244
29	CRL4Cdt2 Regulates Cell Proliferation and Histone Gene Expression by Targeting PR-Set7/Set8 for Degradation. <i>Molecular Cell</i> , 2010, 40, 9-21.	4.5	244
30	Extrachromosomal MicroDNAs and Chromosomal Microdeletions in Normal Tissues. <i>Science</i> , 2012, 336, 82-86.	6.0	232
31	The Deubiquitinating Enzyme BAP1 Regulates Cell Growth via Interaction with HCF-1. <i>Journal of Biological Chemistry</i> , 2009, 284, 34179-34188.	1.6	224
32	Rereplication by Depletion of Geminin Is Seen Regardless of p53 Status and Activates a G ₂ /M Checkpoint. <i>Molecular and Cellular Biology</i> , 2004, 24, 7140-7150.	1.1	218
33	miR-99 Family of MicroRNAs Suppresses the Expression of Prostate-Specific Antigen and Prostate Cancer Cell Proliferation. <i>Cancer Research</i> , 2011, 71, 1313-1324.	0.4	217
34	tRFdb: a database for transfer RNA fragments. <i>Nucleic Acids Research</i> , 2015, 43, D141-D145.	6.5	216
35	PCNA Is a Cofactor for Cdt1 Degradation by CUL4/DDB1-mediated N-terminal Ubiquitination. <i>Journal of Biological Chemistry</i> , 2006, 281, 6246-6252.	1.6	215
36	RVB1/RVB2: Running Rings around Molecular Biology. <i>Molecular Cell</i> , 2009, 34, 521-533.	4.5	202

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37	miR-26a is required for skeletal muscle differentiation and regeneration in mice. <i>Genes and Development</i> , 2012, 26, 2180-2191.	2.7	200
38	MiR-322/424 and -503 Are Induced during Muscle Differentiation and Promote Cell Cycle Quiescence and Differentiation by Down-Regulation of Cdc25A. <i>Molecular Biology of the Cell</i> , 2010, 21, 2138-2149.	0.9	189
39	Human DNA replication initiation factors, ORC and MCM, associate with oriP of Epstein-Barr virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10085-10089.	3.3	187
40	Mcm10 and And-1/CTF4 recruit DNA polymerase δ to chromatin for initiation of DNA replication. <i>Genes and Development</i> , 2007, 21, 2288-2299.	2.7	181
41	Rvb1p/Rvb2p Recruit Arp5p and Assemble a Functional Ino80 Chromatin Remodeling Complex. <i>Molecular Cell</i> , 2004, 16, 465-477.	4.5	179
42	DNA replication and progression through S phase. <i>Oncogene</i> , 2005, 24, 2827-2843.	2.6	175
43	Xenopus Mcm10 Binds to Origins of DNA Replication after Mcm2-7 and Stimulates Origin Binding of Cdc45. <i>Molecular Cell</i> , 2002, 9, 233-240.	4.5	170
44	The APC/C inhibitor, Emi1, is essential for prevention of rereplication. <i>Genes and Development</i> , 2007, 21, 184-194.	2.7	170
45	Cyclins as markers of tumor proliferation: immunocytochemical studies in breast cancer.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 5386-5390.	3.3	169
46	Discoveries of Extrachromosomal Circles of DNA in Normal and Tumor Cells. <i>Trends in Genetics</i> , 2018, 34, 270-278.	2.9	167
47	Normal and Cancerous Tissues Release Extrachromosomal Circular DNA (eccDNA) into the Circulation. <i>Molecular Cancer Research</i> , 2017, 15, 1197-1205.	1.5	165
48	Genomic Study of Replication Initiation in Human Chromosomes Reveals the Influence of Transcription Regulation and Chromatin Structure on Origin Selection. <i>Molecular Biology of the Cell</i> , 2010, 21, 393-404.	0.9	151
49	MicroRNA-378 Targets the Myogenic Repressor MyoR during Myoblast Differentiation. <i>Journal of Biological Chemistry</i> , 2011, 286, 19431-19438.	1.6	147
50	Human Rvb1/Tip49 Is Required for the Histone Acetyltransferase Activity of Tip60/NuA4 and for the Downregulation of Phosphorylation on H2AX after DNA Damage. <i>Molecular and Cellular Biology</i> , 2008, 28, 2690-2700.	1.1	142
51	Genomic Instability in Cancer. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a012914-a012914.	2.3	142
52	CRL4 ^{Cdt2} . <i>Cell Cycle</i> , 2011, 10, 241-249.	1.3	140
53	CRL4Cdt2 E3 Ubiquitin Ligase Monoubiquitinates PCNA to Promote Translesion DNA Synthesis. <i>Molecular Cell</i> , 2010, 37, 143-149.	4.5	135
54	Production of Extrachromosomal MicroDNAs Is Linked to Mismatch Repair Pathways and Transcriptional Activity. <i>Cell Reports</i> , 2015, 11, 1749-1759.	2.9	135

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55	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. <i>Journal of Biological Chemistry</i> , 1998, 273, 1453-1461.	1.6	130
56	Noncanonical Roles of tRNAs: tRNA Fragments and Beyond. <i>Annual Review of Genetics</i> , 2020, 54, 47-69.	3.2	126
57	MLUNC, a Long Noncoding RNA That Facilitates the Function of MyoD in Skeletal Myogenesis. <i>Molecular and Cellular Biology</i> , 2015, 35, 498-513.	1.1	125
58	The miR-99 family regulates the DNA damage response through its target SNF2H. <i>Oncogene</i> , 2013, 32, 1164-1172.	2.6	123
59	p21Cip1/Waf1 disrupts the recruitment of human Fen1 by proliferating-cell nuclear antigen into the DNA replication complex.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 11597-11602.	3.3	122
60	An Eukaryotic RuvB-like Protein (RUVBL1) Essential for Growth. <i>Journal of Biological Chemistry</i> , 1998, 273, 27786-27793.	1.6	120
61	The lncRNA <i>DRAIC</i> / <i>PCAT29</i> Locus Constitutes a Tumor-Suppressive Nexus. <i>Molecular Cancer Research</i> , 2015, 13, 828-838.	1.5	119
62	A Bipartite Substrate Recognition Motif for Cyclin-dependent Kinases. <i>Journal of Biological Chemistry</i> , 2001, 276, 1993-1997.	1.6	116
63	Differential efficacy of 3-hydroxy-3-methylglutaryl CoA reductase inhibitors on the cell cycle of prostate cancer cells. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 2310-2316.	1.9	116
64	Destabilization of TIP60 by Human Papillomavirus E6 Results in Attenuation of TIP60-Dependent Transcriptional Regulation and Apoptotic Pathway. <i>Molecular Cell</i> , 2010, 38, 700-711.	4.5	115
65	Mechanisms to control rereplication and implications for cancer. <i>Current Opinion in Cell Biology</i> , 2007, 19, 663-671.	2.6	109
66	Angiogenin generates specific stress-induced tRNA halves and is not involved in tRF-3-mediated gene silencing. <i>Journal of Biological Chemistry</i> , 2019, 294, 16930-16941.	1.6	109
67	Expression of Geminin as a Marker of Cell Proliferation in Normal Tissues and Malignancies. <i>American Journal of Pathology</i> , 2002, 161, 267-273.	1.9	108
68	Identification and characterization of extrachromosomal circular DNA in maternal plasma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1658-1665.	3.3	106
69	ATAC-seq identifies thousands of extrachromosomal circular DNA in cancer and cell lines. <i>Science Advances</i> , 2020, 6, eaba2489.	4.7	106
70	Temporal profile of replication of human chromosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6419-6424.	3.3	105
71	latheo Encodes a Subunit of the Origin Recognition Complex and Disrupts Neuronal Proliferation and Adult Olfactory Memory When Mutant. <i>Neuron</i> , 1999, 23, 45-54.	3.8	104
72	Rvb1p and Rvb2p Are Essential Components of a Chromatin Remodeling Complex That Regulates Transcription of over 5% of Yeast Genes. <i>Journal of Biological Chemistry</i> , 2001, 276, 16279-16288.	1.6	103

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73	The MCM8-MCM9 Complex Promotes RAD51 Recruitment at DNA Damage Sites To Facilitate Homologous Recombination. <i>Molecular and Cellular Biology</i> , 2013, 33, 1632-1644.	1.1	100
74	Architecture of the Human Origin Recognition Complex. <i>Journal of Biological Chemistry</i> , 2001, 276, 29067-29071.	1.6	99
75	Degradation of Cdt1 during S Phase Is Skp2-independent and Is Required for Efficient Progression of Mammalian Cells through S Phase. <i>Journal of Biological Chemistry</i> , 2005, 280, 23416-23423.	1.6	97
76	p21 ^{CIP1} and Cdc25A: Competition between an Inhibitor and an Activator of Cyclin-Dependent Kinases. <i>Molecular and Cellular Biology</i> , 1997, 17, 4338-4345.	1.1	96
77	p130-Angiotensin associates to actin and controls endothelial cell shape. <i>FEBS Journal</i> , 2006, 273, 2000-2011.	2.2	95
78	Small extrachromosomal circular DNAs, microDNA, produce short regulatory RNAs that suppress gene expression independent of canonical promoters. <i>Nucleic Acids Research</i> , 2019, 47, 4586-4596.	6.5	95
79	Novel Anti-Apoptotic MicroRNAs 582-5p and 363 Promote Human Glioblastoma Stem Cell Survival via Direct Inhibition of Caspase 3, Caspase 9, and Bim. <i>PLoS ONE</i> , 2014, 9, e96239.	1.1	95
80	Pan-S replication patterns and chromosomal domains defined by genome-tiling arrays of ENCODE genomic areas. <i>Genome Research</i> , 2007, 17, 865-876.	2.4	94
81	The role of microRNAs in glioma initiation and progression. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 700.	3.0	94
82	Notch3 and Mef2c Proteins Are Mutually Antagonistic via Mkp1 Protein and miR-1/206 MicroRNAs in Differentiating Myoblasts. <i>Journal of Biological Chemistry</i> , 2012, 287, 40360-40370.	1.6	87
83	Regulation of several androgen-induced genes through the repression of the miR-99a/let-7c/miR-125b-2 miRNA cluster in prostate cancer cells. <i>Oncogene</i> , 2014, 33, 1448-1457.	2.6	86
84	MCM8-9 complex promotes resection of double-strand break ends by MRE11-RAD50-NBS1 complex. <i>Nature Communications</i> , 2015, 6, 7744.	5.8	86
85	UBE2T, the Fanconi Anemia Core Complex, and FANCD2 Are Recruited Independently to Chromatin: a Basis for the Regulation of FANCD2 Monoubiquitination. <i>Molecular and Cellular Biology</i> , 2007, 27, 8421-8430.	1.1	79
86	An ATR- and BRCA1-Mediated Fanconi Anemia Pathway Is Required for Activating the G ₂ /M Checkpoint and DNA Damage Repair upon Rereplication. <i>Molecular and Cellular Biology</i> , 2006, 26, 4601-4611.	1.1	78
87	The Origin Recognition Complex Localizes to Telomere Repeats and Prevents Telomere-Circle Formation. <i>Current Biology</i> , 2007, 17, 1989-1995.	1.8	78
88	Bubble-chip analysis of human origin distributions demonstrates on a genomic scale significant clustering into zones and significant association with transcription. <i>Genome Research</i> , 2011, 21, 377-389.	2.4	78
89	CRL1-FBXO11 Promotes Cdt2 Ubiquitylation and Degradation and Regulates Pr-Set7/Set8-Mediated Cellular Migration. <i>Molecular Cell</i> , 2013, 49, 1147-1158.	4.5	78
90	Dissection of Functional Domains of the Human DNA Replication Protein Complex Replication Protein A. <i>Journal of Biological Chemistry</i> , 1996, 271, 17190-17198.	1.6	77

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91	Multiple Mechanisms Regulate Subcellular Localization of Human CDC6. <i>Journal of Biological Chemistry</i> , 2001, 276, 26947-26954.	1.6	77
92	Acute Reduction of an Origin Recognition Complex (ORC) Subunit in Human Cells Reveals a Requirement of ORC for Cdk2 Activation. <i>Journal of Biological Chemistry</i> , 2005, 280, 27624-27630.	1.6	77
93	p21-dependent Inhibition of Colon Cancer Cell Growth by Mevastatin Is Independent of Inhibition of G1 Cyclin-dependent Kinases. <i>Journal of Biological Chemistry</i> , 2003, 278, 43586-43594.	1.6	76
94	A New lncRNA, APTR, Associates with and Represses the CDKN1A/p21 Promoter by Recruiting Polycomb Proteins. <i>PLoS ONE</i> , 2014, 9, e95216.	1.1	76
95	Geminin-Cdt1 balance is critical for genetic stability. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 569, 111-121.	0.4	75
96	Mutational Analysis of the Cy Motif from p21 Reveals Sequence Degeneracy and Specificity for Different Cyclin-Dependent Kinases. <i>Molecular and Cellular Biology</i> , 2001, 21, 4868-4874.	1.1	74
97	A 39 Amino Acid Fragment of the Cell Cycle Regulator p21 Is Sufficient to Bind PCNA and Partially Inhibit DNA Replication in vivo. <i>Nucleic Acids Research</i> , 1996, 24, 1727-1733.	6.5	73
98	A Dimerized Coiled-Coil Domain and an Adjoining Part of Geminin Interact with Two Sites on Cdt1 for Replication Inhibition. <i>Molecular Cell</i> , 2004, 15, 245-258.	4.5	73
99	Expression of lncRNAs in Low-Grade Gliomas and Glioblastoma Multiforme: An In Silico Analysis. <i>PLoS Medicine</i> , 2016, 13, e1002192.	3.9	71
100	A Prognostic Signature for Lower Grade Gliomas Based on Expression of Long Non-Coding RNAs. <i>Molecular Neurobiology</i> , 2019, 56, 4786-4798.	1.9	71
101	Identification of HsORC4, a Member of the Human Origin of Replication Recognition Complex. <i>Journal of Biological Chemistry</i> , 1997, 272, 28247-28251.	1.6	69
102	Identification and Characterization of the Human ORC6 Homolog. <i>Journal of Biological Chemistry</i> , 2000, 275, 34983-34988.	1.6	69
103	Multiple receptor tyrosine kinases converge on microRNA-134 to control KRAS, STAT5B, and glioblastoma. <i>Cell Death and Differentiation</i> , 2014, 21, 720-734.	5.0	69
104	Deubiquitination of Tip60 by USP7 Determines the Activity of the p53-Dependent Apoptotic Pathway. <i>Molecular and Cellular Biology</i> , 2013, 33, 3309-3320.	1.1	68
105	ORC5L, a New Member of the Human Origin Recognition Complex, Is Deleted in Uterine Leiomyomas and Malignant Myeloid Diseases. <i>Journal of Biological Chemistry</i> , 1998, 273, 27137-27145.	1.6	67
106	The effect of the intra-S-phase checkpoint on origins of replication in human cells. <i>Genes and Development</i> , 2011, 25, 621-633.	2.7	67
107	Molecular Requirements for Transformation of Fallopian Tube Epithelial Cells into Serous Carcinoma. <i>Neoplasia</i> , 2011, 13, 899-916.	2.3	66
108	Recruitment of ORC or CDC6 to DNA is sufficient to create an artificial origin of replication in mammalian cells. <i>Genes and Development</i> , 2005, 19, 2827-2836.	2.7	64

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109	Architecture of the Pontin/Reptin Complex, Essential in the Assembly of Several Macromolecular Complexes. <i>Structure</i> , 2008, 16, 1511-1520.	1.6	63
110	MicroRNAs: small but potent oncogenes or tumor suppressors. <i>Current Opinion in Investigational Drugs</i> , 2006, 7, 560-4.	2.3	62
111	Overcoming Platinum Resistance in Preclinical Models of Ovarian Cancer Using the Neddylation Inhibitor MLN4924. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 1958-1967.	1.9	60
112	Defective nuclear import of Tpr in Progeria reflects the Ran sensitivity of large cargo transport. <i>Journal of Cell Biology</i> , 2013, 201, 541-557.	2.3	58
113	ATR Pathway Is the Primary Pathway for Activating G2/M Checkpoint Induction After Re-replication. <i>Journal of Biological Chemistry</i> , 2007, 282, 30357-30362.	1.6	55
114	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. <i>Journal of Biological Chemistry</i> , 2011, 286, 30462-30470.	1.6	54
115	Tip60 degradation by adenovirus relieves transcriptional repression of viral transcriptional activator E1A. <i>Oncogene</i> , 2013, 32, 5017-5025.	2.6	54
116	BH-protocadherin-c, a member of the cadherin superfamily, interacts with protein phosphatase 1 alpha through its intracellular domain. <i>FEBS Letters</i> , 1999, 460, 93-98.	1.3	52
117	Phosphorylation of human replication protein A by the DNA-dependent protein kinase is involved in the modulation of DNA replication. <i>Nucleic Acids Research</i> , 1996, 24, 3107-3112.	6.5	51
118	Long Noncoding RNA DRAIC Inhibits Prostate Cancer Progression by Interacting with IKK to Inhibit NF- κ B Activation. <i>Cancer Research</i> , 2020, 80, 950-963.	0.4	51
119	The Human Homolog of <i>Saccharomyces cerevisiae</i> CDC45. <i>Journal of Biological Chemistry</i> , 1998, 273, 18205-18209.	1.6	50
120	Inhibition of cdk2 Activating Phosphorylation by Mevastatin. <i>Journal of Biological Chemistry</i> , 2003, 278, 4840-4846.	1.6	50
121	Sequential replication-coupled destruction at G1/S ensures genome stability. <i>Genes and Development</i> , 2015, 29, 1734-1746.	2.7	48
122	The Deubiquitinase USP46 Is Essential for Proliferation and Tumor Growth of HPV-Transformed Cancers. <i>Molecular Cell</i> , 2018, 72, 823-835.e5.	4.5	48
123	Targeted CRISPR screening identifies PRMT5 as synthetic lethality combinatorial target with gemcitabine in pancreatic cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28068-28079.	3.3	48
124	Rpa4, a Homolog of the 34-Kilodalton Subunit of the Replication Protein A Complex. <i>Molecular and Cellular Biology</i> , 1995, 15, 3119-3128.	1.1	47
125	CRL4Cdt2 E3 Ubiquitin Ligase and Proliferating Cell Nuclear Antigen (PCNA) Cooperate to Degrade Thymine DNA Glycosylase in S Phase. <i>Journal of Biological Chemistry</i> , 2014, 289, 23056-23064.	1.6	47
126	Subsets of Human Origin Recognition Complex (ORC) Subunits Are Expressed in Non-proliferating Cells and Associate with Non-ORC Proteins. <i>Journal of Biological Chemistry</i> , 2000, 275, 35233-35241.	1.6	46

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127	14-3-3 Proteins Play a Role in the Cell Cycle by Shielding Cdt2 from Ubiquitin-Mediated Degradation. <i>Molecular and Cellular Biology</i> , 2014, 34, 4049-4061.	1.1	46
128	Selective Ubiquitylation of p21 and Cdt1 by UBC8 and UBE2G Ubiquitin-Conjugating Enzymes via the CRL4 ^{Cdt2} Ubiquitin Ligase Complex. <i>Molecular and Cellular Biology</i> , 2011, 31, 3136-3145.	1.1	44
129	<i>LINC00152</i> Promotes Invasion through a 3'-Hairpin Structure and Associates with Prognosis in Glioblastoma. <i>Molecular Cancer Research</i> , 2018, 16, 1470-1482.	1.5	44
130	TRMT6/61A-dependent base methylation of tRNA-derived fragments regulates gene-silencing activity and the unfolded protein response in bladder cancer. <i>Nature Communications</i> , 2022, 13, 2165.	5.8	43
131	The Acetyltransferase Tip60 Is a Critical Regulator of the Differentiation-Dependent Amplification of Human Papillomaviruses. <i>Journal of Virology</i> , 2015, 89, 4668-4675.	1.5	42
132	RVBs Are Required for Assembling a Functional TIP60 Complex. <i>Molecular and Cellular Biology</i> , 2013, 33, 1164-1174.	1.1	39
133	The Immortal Strand Hypothesis: How Could It Work?. <i>Cell</i> , 2008, 133, 21-23.	13.5	37
134	The Evolution of Guanylyl Cyclases as Multidomain Proteins: Conserved Features of Kinase-Cyclase Domain Fusions. <i>Journal of Molecular Evolution</i> , 2009, 68, 587-602.	0.8	37
135	The AAA+ proteins Pontin and Reptin enter adult age: from understanding their basic biology to the identification of selective inhibitors. <i>Frontiers in Molecular Biosciences</i> , 2015, 2, 17.	1.6	37
136	Requirement of CDC45 for Postimplantation Mouse Development. <i>Molecular and Cellular Biology</i> , 2001, 21, 4598-4603.	1.1	36
137	Two subunits of human ORC are dispensable for DNA replication and proliferation. <i>ELife</i> , 2016, 5, .	2.8	36
138	The destruction box of human Geminin is critical for proliferation and tumor growth in human colon cancer cells. <i>Oncogene</i> , 2004, 23, 58-70.	2.6	34
139	MicroRNAs regulate and provide robustness to the myogenic transcriptional network. <i>Current Opinion in Pharmacology</i> , 2012, 12, 383-388.	1.7	34
140	ASF1a Promotes Non-homologous End Joining Repair by Facilitating Phosphorylation of MDC1 by ATM at Double-Strand Breaks. <i>Molecular Cell</i> , 2017, 68, 61-75.e5.	4.5	33
141	Autocatalytic Phosphorylation of CDK2 at the Activating Thr160. <i>Cell Cycle</i> , 2007, 6, 843-852.	1.3	32
142	Degradation of p12 Subunit by CRL4 ^{Cdt2} E3 Ligase Inhibits Fork Progression after DNA Damage. <i>Journal of Biological Chemistry</i> , 2013, 288, 30509-30514.	1.6	32
143	MUNC, an Enhancer RNA Upstream from the <i>MYOD</i> Gene, Induces a Subgroup of Myogenic Transcripts in <i>trans</i> Independently of MyoD. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	32
144	A pan-cancer analysis of prognostic genes. <i>PeerJ</i> , 2015, 3, e1499.	0.9	32

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145	APC/C—the master controller of origin licensing?. <i>Cell Division</i> , 2007, 2, 8.	1.1	31
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