Susan Lees-Miller

List of Articles by Year
in descending order

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157 peer-reviewed articles	14,074 peer-reviewed citations	10277 71 peer-reviewed h-index	18642 7.62 score
175 documents	15891 doc citations	11404 75 h-index	24338 citing authors

#	Article	IF	Citations
1	Comprehensive transcriptomic analysis in wild-type and ATM knockout lung cancer cells: Influence of cisplatin on oxidative stress-induced senescence. Chemico-Biological Interactions, 2025, 418, 111563.	3.2	2
2	Automating data analysis for hydrogen/deuterium exchange mass spectrometry using data-independent acquisition methodology. Nature Communications, 2024, 15, .	10.8	25
3	Cryo-EM visualization of DNA-PKcs structural intermediates in NHEJ. Science Advances, 2023, 9, .	8.1	23
4	How to fix DNA breaks: new insights into the mechanism of non-homologous end joining. Biochemical Society Transactions, 2023, 51, 1789-1800.	2.7	16
5	Uncovering DNA-PKcs ancient phylogeny, unique sequence motifs and insights for human disease. Progress in Biophysics and Molecular Biology, 2021, 163, 87-108.	2.9	64
6	Visualizing functional dynamicity in the DNA-dependent protein kinase holoenzyme DNA-PK complex by integrating SAXS with cryo-EM. Progress in Biophysics and Molecular Biology, 2021, 163, 74-86.	2.9	17
7	Mechanism of efficient double-strand break repair by a long non-coding RNA. Nucleic Acids Research, 2021, 49, 1199-1200.	10.7	31
8	Structural basis of long-range to short-range synaptic transition in NHEJ. Nature, 2021, 593, 294-298.	30.7	159
9	The active DNA-PK holoenzyme occupies a tensed state in a staggered synaptic complex. Structure, 2021, 29, 467-478.e6.	2.4	11
10	Long Noncoding RNA NIHCOLE Promotes Ligation Efficiency of DNA Double-Strand Breaks in Hepatocellular Carcinoma. Cancer Research, 2021, 81, 4910-4925.	2.6	43
11	Decreased ATM Protein Expression Is Substantiated with PTEN Loss in Defining Aggressive Phenotype of Prostate Cancer Associated with Lethal Disease. European Urology Open Science, 2021, 29, 93-101.	0.4	8
12	Structural insights into the role of DNA-PK as a master regulator in NHEJ. Genome Instability & Disease, 2021, 2, 195-210.	1.4	42
13	Function and Molecular Mechanism of the DNA Damage Response in Immunity and Cancer Immunotherapy. Frontiers in Immunology, 2021, 12, .	3.3	73
14	Mechanism of efficient double-strand break repair by a long non-coding RNA. Nucleic Acids Research, 2020, 48, 10953-10972.	10.7	53
15	ATM-deficient lung, prostate and pancreatic cancer cells are acutely sensitive to the combination of olaparib and the ATR inhibitor AZD6738. Genome Instability & Disease, 2020, 1, 197-205.	1.4	13
16	ATM-Deficient Cancers Provide New Opportunities for Precision Oncology. Cancers, 2020, 12, 687.	2.7	99
17	PIK3CA mutation and CNV status and post-chemoradiotherapy survival in patients with cervical cancer. Gynecologic Oncology, 2020, 158, 776-784.	2.3	25
18	DNA-dependent protein kinase promotes DNA end processing by MRN and CtIP. Science Advances, 2020, 6, .	8.1	131

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19	Nocodazole-Induced Expression and Phosphorylation of Anillin and Other Mitotic Proteins Are Decreased in DNA-Dependent Protein Kinase Catalytic Subunit-Deficient Cells and Rescued by Inhibition of the Anaphase-Promoting Complex/Cyclosome with proTAME but Not Apcin. Molecular and Cellular Biology, 2020, 40, .	1.5	17
20	Nej1 Interacts with Mre11 to Regulate Tethering and Dna2 Binding at DNA Double-Strand Breaks. Cell Reports, 2019, 28, 1564-1573.e3.	4.4	33
21	SSEThread: Integrative threading of the DNA-PKcs sequence based on data from chemical cross-linking and hydrogen deuterium exchange. Progress in Biophysics and Molecular Biology, 2019, 147, 92-102.	2.9	9
22	Flexible Tethering of ASPP Proteins Facilitates PP-1c Catalysis. Structure, 2019, 27, 1485-1496.e4.	2.4	28
23	Combined poly-ADP ribose polymerase and ataxia-telangiectasia mutated/Rad3-related inhibition targets ataxia-telangiectasia mutated-deficient lung cancer cells. British Journal of Cancer, 2019, 121, 600-610.	4.1	51
24	Dissection of DNA double-strand-break repair using novel single-molecule forceps. Nature Structural and Molecular Biology, 2018, 25, 482-487.	5.8	98
25	Expression of PD-L1 and presence of CD8-positive T cells in pre-treatment specimens of locally advanced cervical cancer. Modern Pathology, 2017, 30, 577-586.	3.8	177
26	Significance of Co-expression of Epidermal Growth Factor Receptor and Ki67 on Clinical Outcome in Patients With Anal Cancer Treated With Chemoradiotherapy: An Analysis of NRG Oncology RTOG 9811. International Journal of Radiation Oncology Biology Physics, 2017, 97, 554-562.	1.3	16
27	Expression of DNA damage response proteins in cervical cancer patients treated with radical chemoradiotherapy. Gynecologic Oncology, 2017, 145, 176-184.	2.3	14
28	Nanospray HX-MS configuration for structural interrogation of large protein systems. Analyst, The, 2017, 142, 904-910.	2.6	24
29	ATM-Deficient Colorectal Cancer Cells Are Sensitive to the PARP Inhibitor Olaparib. Translational Oncology, 2017, 10, 190-196.	2.8	122
30	Recruitment of PP1 to the centrosomal scaffold protein CEP192. Biochemical and Biophysical Research Communications, 2017, 484, 864-870.	1.5	12
31	Structural and functional characterization of the PNKP–XRCC4–LigIV DNA repair complex. Nucleic Acids Research, 2017, 45, 6238-6251.	10.7	54
32	DNA requirements for interaction of the C-terminal region of Ku80 with the DNA-dependent protein kinase catalytic subunit (DNA-PKcs). DNA Repair, 2017, 57, 17-28.	1.8	26
33	Anemia, leukocytosis and thrombocytosis as prognostic factors in patients with cervical cancer treated with radical chemoradiotherapy: A retrospective cohort study. Clinical and Translational Radiation Oncology, 2017, 4, 51-56.	0.7	34
34	The non-homologous end-joining factor Nej1 inhibits resection mediated by Dna2–Sgs1 nuclease-helicase at DNA double strand breaks. Journal of Biological Chemistry, 2017, 292, 14576-14586.	1.3	20
35	An Intrinsically Disordered APLF Links Ku, DNA-PKcs, and XRCC4-DNA Ligase IV in an Extended Flexible Non-homologous End Joining Complex. Journal of Biological Chemistry, 2016, 291, 26987-27006.	1.3	72
36	Low ATM protein expression in malignant tumor as well as cancer-associated stroma are independent prognostic factors in a retrospective study of early-stage hormone-negative breast cancer. Breast Cancer Research, 2015, 17, .	3.4	44

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37	Phosphorylation of SAF-A/hnRNP-U Serine 59 by Polo-Like Kinase 1 Is Required for Mitosis. Molecular and Cellular Biology, 2015, 35, 2699-2713.	1.5	25
38	The DNA-dependent protein kinase: A multifunctional protein kinase with roles in DNA double strand break repair and mitosis. Progress in Biophysics and Molecular Biology, 2015, 117, 194-205.	2.9	269
39	Role of the yeast DNA repair protein Nej1 in end processing during the repair of DNA double strand breaks by non-homologous end joining. DNA Repair, 2015, 31, 1-10.	1.8	17
40	Polo-like kinase 1 (PLK1) and protein phosphatase 6 (PP6) regulate DNA-dependent protein kinase catalytic subunit (DNA-PKcs) phosphorylation in mitosis. Bioscience Reports, 2014, 34, .	2.5	53
41	Unraveling the Complexities of DNA-Dependent Protein Kinase Autophosphorylation. Molecular and Cellular Biology, 2014, 34, 2162-2175.	1.5	66
42	Non-homologous end joining: Emerging themes and unanswered questions. DNA Repair, 2014, 17, 2-8.	1.8	130
43	Mo1930 ATM and P53 Expression Level Correlate With Sensitivity to Olaparib in Gastric Cancer. Gastroenterology, 2014, 146, S-694.	0.9	0
44	The C-terminus of Nej1 is critical for nuclear localization and non-homologous end-joining. DNA Repair, 2014, 14, 9-16.	1.8	22
45	Structural insights into NHEJ: Building up an integrated picture of the dynamic DSB repair super complex, one component and interaction at a time. DNA Repair, 2014, 17, 110-120.	1.8	106
46	The Significance of Tumoral ERCC1 Status in Patients With Locally Advanced Cervical Cancer Treated With Chemoradiation Therapy: A Multicenter Clinicopathologic Analysis. International Journal of Radiation Oncology Biology Physics, 2013, 85, 721-727.	1.3	18
47	Nepenthesin from Monkey Cups for Hydrogen/Deuterium Exchange Mass Spectrometry. Molecular and Cellular Proteomics, 2013, 12, 464-472.	3.2	63
48	PIK3CA mutational status and overall survival in patients with cervical cancer treated with radical chemoradiotherapy. Gynecologic Oncology, 2013, 128, 409-414.	2.3	114
49	XRCC4 and XLF form long helical protein filaments suitable for DNA end protection and alignment to facilitate DNA double strand break repair. Biochemistry and Cell Biology, 2013, 91, 31-41.	1.5	104
50	Detection and Repair of Ionizing Radiation-Induced DNA Double Strand Breaks: New Developments in Nonhomologous End Joining. International Journal of Radiation Oncology Biology Physics, 2013, 86, 440-449.	1.3	137
51	Functional Intersection of ATM and DNA-Dependent Protein Kinase Catalytic Subunit in Coding End Joining during V(D)J Recombination. Molecular and Cellular Biology, 2013, 33, 3568-3579.	1.5	45
52	Telomerase Contributes to Fludarabine Resistance in Primary Human Leukemic Lymphocytes. PLoS ONE, 2013, 8, e70428.	1.5	15
53	Targeting Protein for Xenopus Kinesin-like Protein 2 (TPX2) Regulates γ-Histone 2AX (γ-H2AX) Levels upon Ionizing Radiation. Journal of Biological Chemistry, 2012, 287, 42206-42222.	1.3	34
54	N-terminal constraint activates the catalytic subunit of the DNA-dependent protein kinase in the absence of DNA or Ku. Nucleic Acids Research, 2012, 40, 2964-2973.	10.7	29

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55	XRCC4's interaction with XLF is required for coding (but not signal) end joining. Nucleic Acids Research, 2012, 40, 1684-1694.	10.7	60
56	Enhanced cytotoxicity of PARP inhibition in mantle cell lymphoma harbouring mutations in both ATM and p53. EMBO Molecular Medicine, 2012, 4, 515-527.	4.7	123
57	Comparing ERCC1 protein expression, mRNA levels, and genotype in squamous cell carcinomas of the head and neck treated with concurrent chemoradiation stratified by HPV status. Head and Neck, 2012, 34, 785-791.	1.4	17
58	Prognostic significance of p16 in locally advanced squamous cell carcinoma of the head and neck treated with concurrent cisplatin and radiotherapy. Head and Neck, 2011, 33, 251-256.	1.4	36
59	Inhibition of Homologous Recombination by DNA-Dependent Protein Kinase Requires Kinase Activity, Is Titratable, and Is Modulated by Autophosphorylation. Molecular and Cellular Biology, 2011, 31, 1719-1733.	1.5	124
60	XRCC4 Protein Interactions with XRCC4-like Factor (XLF) Create an Extended Grooved Scaffold for DNA Ligation and Double Strand Break Repair. Journal of Biological Chemistry, 2011, 286, 32638-32650.	1.3	160
61	Estrogen receptor α-mediated transcription induces cell cycle-dependent DNA double-strand breaks. Carcinogenesis, 2011, 32, 279-285.	2.2	104
62	Phosphorylation of polynucleotide kinase/ phosphatase by DNA-dependent protein kinase and ataxia-telangiectasia mutated regulates its association with sites of DNA damage. Nucleic Acids Research, 2011, 39, 9224-9237.	10.7	67
63	XLF Regulates Filament Architecture of the XRCC4·Ligase IV Complex. Structure, 2010, 18, 1431-1442.	2.4	108
64	A structural model for regulation of NHEJ by DNA-PKcs autophosphorylation. DNA Repair, 2010, 9, 1307-1314.	1.8	199
65	Mre11–Rad50–Nbs1 conformations and the control of sensing, signaling, and effector responses at DNA double-strand breaks. DNA Repair, 2010, 9, 1299-1306.	1.8	206
66	The viral tropism of two distinct oncolytic viruses, reovirus and myxoma virus, is modulated by cellular tumor suppressor gene status. Oncogene, 2010, 29, 3990-3996.	5.2	63
67	ATM Deficiency Sensitizes Mantle Cell Lymphoma Cells to Poly(ADP-Ribose) Polymerase-1 Inhibitors. Molecular Cancer Therapeutics, 2010, 9, 347-357.	1.2	182
68	Dual Modes of Interaction between XRCC4 and Polynucleotide Kinase/Phosphatase. Journal of Biological Chemistry, 2010, 285, 37619-37629.	1.3	61
69	Protein Phosphatase 6 Interacts with the DNA-Dependent Protein Kinase Catalytic Subunit and Dephosphorylates γ-H2AX. Molecular and Cellular Biology, 2010, 30, 1368-1381.	1.5	151
70	Ku and DNA-dependent Protein Kinase Dynamic Conformations and Assembly Regulate DNA Binding and the Initial Non-homologous End Joining Complex. Journal of Biological Chemistry, 2010, 285, 1414-1423.	1.3	197
71	Low ERCC1 mRNA and protein expression are associated with worse survival in cervical cancer patients treated with radiation alone. Radiotherapy and Oncology, 2010, 97, 352-359.	1.4	34
72	Phosphorylation of Histone H2A.X by DNA-dependent Protein Kinase Is Not Affected by Core Histone Acetylation, but It Alters Nucleosome Stability and Histone H1 Binding. Journal of Biological Chemistry, 2010, 285, 17778-17788.	1.3	48

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73	Unraveling the roles of WRN and DNA-PKcs at telomeres. Aging, 2010, 2, 257-258.	0.6	3
74	Repair of ionizing radiation-induced DNA double-strand breaks by non-homologous end-joining. Biochemical Journal, 2009, 417, 639-650.	2.3	636
75	Requirement for XLF/Cernunnos in alignment-based gap filling by DNA polymerases λ and μ for nonhomologous end joining in human whole-cell extracts. Nucleic Acids Research, 2009, 37, 4055-4062.	10.7	45
76	Tyrosyl-DNA phosphodiesterase and the repair of 3'-phosphoglycolate-terminated DNA double-strand breaks. DNA Repair, 2009, 8, 901-911.	1.8	80
77	The human telomerase RNA component, hTR, activates the DNA-dependent protein kinase to phosphorylate heterogeneous nuclear ribonucleoprotein A1. Nucleic Acids Research, 2009, 37, 6105-6115.	10.7	67
78	DNA-PK and ATM phosphorylation sites in XLF/Cernunnos are not required for repair of DNA double strand breaks. DNA Repair, 2008, 7, 1680-1692.	1.8	97
79	Chapter 2 DNA-PK. Advances in Immunology, 2008, , 33-58.	6.6	231
80	trans Autophosphorylation at DNA-Dependent Protein Kinase's Two Major Autophosphorylation Site Clusters Facilitates End Processing but Not End Joining. Molecular and Cellular Biology, 2007, 27, 3881-3890.	1.5	175
81	The DNA-Dependent Protein Kinase Catalytic Subunit Is Phosphorylated In Vivo on Threonine 3950, a Highly Conserved Amino Acid in the Protein Kinase Domain. Molecular and Cellular Biology, 2007, 27, 1581-1591.	1.5	114
82	Phosphorylation in the serine/threonine 2609–2647 cluster promotes but is not essential for DNA-dependent protein kinase-mediated nonhomologous end joining in human whole-cell extracts. Nucleic Acids Research, 2007, 35, 3869-3878.	10.7	35
83	Dynamic binding of Ku80, Ku70 and NF90 to the IL-2 promoter in vivo in activated T-cells. Nucleic Acids Research, 2007, 35, 2302-2310.	10.7	68
84	Analysis of DNA-Dependent Protein Kinase-Mediated DNA End Joining by Two-Photon Fluorescence Cross-Correlation Spectroscopy. Biochemistry, 2006, 45, 4164-4172.	1.5	15
85	Dysfunction of lamin A triggers a DNA damage response and cellular senescence. DNA Repair, 2006, 5, 286-289.	1.8	23
86	DNA-PK autophosphorylation facilitates Artemis endonuclease activity. EMBO Journal, 2006, 25, 3880-3889.	5.1	299
87	Autophosphorylation of DNA-Dependent Protein Kinase Regulates DNA End Processing and May Also Alter Double-Strand Break Repair Pathway Choice. Molecular and Cellular Biology, 2005, 25, 10842-10852.	1.5	250
88	Inhibition of homologous recombination by variants of the catalytic subunit of the DNA-dependent protein kinase (DNA-PKcs). Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1345-1350.	5.2	63
89	Human Ku70/80 interacts directly with hTR, the RNA component of human telomerase. Nucleic Acids Research, 2005, 33, 2090-2098.	10.7	99
90	DNA-PK-dependent phosphorylation of Ku70/80 is not required for non-homologous end joining. DNA Repair, 2005, 4, 1006-1018.	1.8	87

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91	Selective inhibition of the DNA-dependent protein kinase (DNA-PK) by the radiosensitizing agent caffeine. Nucleic Acids Research, 2004, 32, 1967-1972.	10.7	89
92	Ku70/Ku80 and DNA-dependent Protein Kinase Catalytic Subunit Modulate RAG-mediated Cleavage. Journal of Biological Chemistry, 2004, 279, 29821-29831.	1.3	18
93	Autophosphorylation-dependent remodeling of the DNA-dependent protein kinase catalytic subunit regulates ligation of DNA ends. Nucleic Acids Research, 2004, 32, 4351-4357.	10.7	130
94	Phosphatidyl inositol 3-kinase-like serine/threonine protein kinases (PIKKs) are required for DNA damage-induced phosphorylation of the 32 kDa subunit of replication protein A at threonine 21. Nucleic Acids Research, 2004, 32, 997-1005.	10.7	104
95	Doxorubicin Activates ATM-dependent Phosphorylation of Multiple Downstream Targets in Part through the Generation of Reactive Oxygen Species. Journal of Biological Chemistry, 2004, 279, 53272-53281.	1.3	228
96	Non-homologous End Joining Requires That the DNA-PK Complex Undergo an Autophosphorylation-dependent Rearrangement at DNA Ends. Journal of Biological Chemistry, 2004, 279, 39408-39413.	1.3	127
97	The DNA-dependent protein kinase: the director at the end. Immunological Reviews, 2004, 200, 132-141.	5.8	201
98	Autophosphorylation of ataxia-telangiectasia mutated is regulated by protein phosphatase 2A. EMBO Journal, 2004, 23, 4451-4461.	5.1	244
99	Examination of surface-bound Ku?DNA complexes in an aqueous environment using MAC mode atomic force microscopy. Biosensors and Bioelectronics, 2004, 20, 918-924.	8.0	4
100	Structure and Dynamics of Lipoplex Formation Examined Using Two-Photon Fluorescence Cross-Correlation Spectroscopy†. Biochemistry, 2004, 43, 7263-7272.	1.5	25
101	The isoflavonoids genistein and quercetin activate different stress signaling pathways as shown by analysis of site-specific phosphorylation of ATM, p53 and histone H2AX. DNA Repair, 2004, 3, 235-244.	1.8	64
102	DNA damage-induced activation of ATM and ATM-dependent signaling pathways. DNA Repair, 2004, 3, 889-900.	1.8	422
103	Biochemical characterization of the ataxia-telangiectasia mutated (ATM) protein from human cells. DNA Repair, 2004, 3, 753-767.	1.8	73
104	DNA end sequestration by DNA-dependent protein kinase and end joining of sterically constrained substrates in whole-cell extracts. Environmental and Molecular Mutagenesis, 2003, 42, 279-287.	1.5	7
105	Repair of DNA double strand breaks by non-homologous end joining. Biochimie, 2003, 85, 1161-1173.	2.1	342
106	UV-light induces p38 MAPK-dependent phosphorylation of Bcl10. Biochemical and Biophysical Research Communications, 2003, 301, 923-926.	1.5	17
107	DNA-PK phosphorylation sites in XRCC4 are not required for survival after radiation or for V(D)J recombination. DNA Repair, 2003, 2, 1239-1252.	1.8	112
108	Autophosphorylation of the Catalytic Subunit of the DNA-Dependent Protein Kinase Is Required for Efficient End Processing during DNA Double-Strand Break Repair. Molecular and Cellular Biology, 2003, 23, 5836-5848.	1.5	305

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109	Functional Link between BLM Defective in Bloom's Syndrome and the Ataxia-telangiectasia-mutated Protein, ATM. Journal of Biological Chemistry, 2002, 277, 30515-30523.	1.3	110
110	Identification of in vitro and in vivo phosphorylation sites in the catalytic subunit of the DNA-dependent protein kinase. Biochemical Journal, 2002, 368, 243-251.	2.3	180
111	Conversion of Phosphoglycolate to Phosphate Termini on 3' Overhangs of DNA Double Strand Breaks by the Human Tyrosyl-DNA Phosphodiesterase hTdp1. Journal of Biological Chemistry, 2002, 277, 27162-27168.	1.3	183
112	ATM Mediates Phosphorylation at Multiple p53 Sites, Including Ser46, in Response to Ionizing Radiation. Journal of Biological Chemistry, 2002, 277, 12491-12494.	1.3	260
113	Ionizing radiation induces ataxia telangiectasia mutated kinase (ATM)-mediated phosphorylation of LKB1/STK11 at Thr-366. Biochemical Journal, 2002, 368, 507-516.	2.3	106
114	Lipid Phase Dependence of DNA–Cationic Phospholipid Bilayer Interactions Examined Using Atomic Force Microscopy. Langmuir, 2002, 18, 4873-4884.	3.0	36
115	The DNA-Dependent Protein Kinase Interacts with DNA To Form a Protein–DNA Complex That Is Disrupted by Phosphorylation†. Biochemistry, 2002, 41, 12706-12714.	1.5	131
116	Intestinal infection with Giardia spp. reduces epithelial barrier function in a myosin light chain kinase–dependent fashion. Gastroenterology, 2002, 123, 1179-1190.	0.9	183
117	Structure of the RPA trimerization core and its role in the multistep DNA-binding mechanism of RPA. EMBO Journal, 2002, 21, 1855-1863.	5.1	305
118	Inhibition of the G2 DNA Damage Checkpoint and of Protein Kinases Chk1 and Chk2 by the Marine Sponge Alkaloid Debromohymenialdisine. Journal of Biological Chemistry, 2001, 276, 17914-17919.	1.3	112
119	Protein Phosphatases Regulate DNA-dependent Protein Kinase Activity. Journal of Biological Chemistry, 2001, 276, 18992-18998.	1.3	141
120	Accurate in Vitro End Joining of a DNA Double Strand Break with Partially Cohesive 3'-Overhangs and 3'-Phosphoglycolate Termini. Journal of Biological Chemistry, 2001, 276, 24323-24330.	1.3	104
121	The Plant Isoflavenoid Genistein Activates p53 and Chk2 in an ATM-dependent Manner. Journal of Biological Chemistry, 2001, 276, 4828-4833.	1.3	82
122	Three Yeast Proteins Related to the Human Candidate Tumor Suppressor p33 ING1 Are Associated with Histone Acetyltransferase Activities. Molecular and Cellular Biology, 2000, 20, 3807-3816.	1.5	146
123	Purification and Characterization of ATM from Human Placenta. Journal of Biological Chemistry, 2000, 275, 7803-7810.	1.3	119
124	Utilization of Oriented Peptide Libraries to Identify Substrate Motifs Selected by ATM. Journal of Biological Chemistry, 2000, 275, 22719-22727.	1.3	171
125	Relative affinities of poly(ADP-ribose) polymerase and DNA-dependent protein kinase for DNA strand interruptions. BBA - Proteins and Proteomics, 1999, 1430, 119-126.	2.5	93
126	DNA-Dependent Protein Kinase Phosphorylation Sites in Ku 70/80 Heterodimer†. Biochemistry, 1999, 38, 1819-1828.	1.5	136

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127	Protein-DNA Complexes Containing DNA-Dependent Protein Kinase in Crude Extracts from Human and Rodent Cells. Radiation Research, 1999, 151, 414.	1.1	5
128	Herpes Simplex Virus Type 1 Immediate-Early Protein Vmw110 Induces the Proteasome-Dependent Degradation of the Catalytic Subunit of DNA-Dependent Protein Kinase. Journal of Virology, 1999, 73, 650-657.	2.4	241
129	DNA-dependent protein kinase acts upstream of p53 in response to DNA damage. Nature, 1998, 394, 700-704.	30.7	300
130	ATM associates with and phosphorylates p53: mapping the region of interaction. Nature Genetics, 1998, 20, 398-400.	14.1	460
131	Resistance to etoposide-induced apoptosis in a Burkitt's lymphoma cell line. , 1998, 77, 755-762.		12
132	Lack of correlation between ATM protein expression and tumour cell radiosensitivity. International Journal of Radiation Biology, 1998, 74, 217-224.	1.3	65
133	DNA-dependent Protein Kinase Interacts with Antigen Receptor Response Element Binding Proteins NF90 and NF45. Journal of Biological Chemistry, 1998, 273, 2136-2145.	1.3	117
134	Tra1p Is a Component of the Yeast Ada·Spt Transcriptional Regulatory Complexes. Journal of Biological Chemistry, 1998, 273, 26559-26565.	1.3	125
135	Inactivation of DNA-Dependent Protein Kinase by Protein Kinase Cδ: Implications for Apoptosis. Molecular and Cellular Biology, 1998, 18, 6719-6728.	1.5	207
136	The DNA-dependent protein kinase: at the crossroads of DNA repair and apoptosis. Biochemistry and Cell Biology, 1997, 75, 472.	1.5	0
137	Interaction of DNA-Dependent Protein Kinase and Poly(ADP-Ribose) Polymerase with Radiation-Induced DNA Strand Breaks. Radiation Research, 1997, 148, 22.	1.1	49
138	Resistance of actin to cleavage during apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 157-162.	5.2	81
139	Cell Cycle Checkpoints and DNA Repair in Nijmegen Breakage Syndrome. Clinical Immunology and Immunopathology, 1997, 82, 43-48.	1.8	36
140	Purification and characterization of the double-stranded DNA-activated protein kinase, DNA-PK, from human placenta. Biochemistry and Cell Biology, 1996, 74, 67-73.	1.5	85
141	The DNA-dependent protein kinase, DNA-PK: 10 years and no ends in sight. Biochemistry and Cell Biology, 1996, 74, 503-512.	1.5	112
142	DNA-dependent protein kinase catalytic subunit: a target for an ICE-like protease in apoptosis.. EMBO Journal, 1996, 15, 3238-3246.	5.1	307
143	Interleukin-1 beta-converting enzyme-like protease cleaves DNA-dependent protein kinase in cytotoxic T cell killing.. Journal of Experimental Medicine, 1996, 184, 619-626.	5.9	60
144	The DNA-dependent Protein Kinase Is Inactivated by Autophosphorylation of the Catalytic Subunit. Journal of Biological Chemistry, 1996, 271, 8936-8941.	1.3	255

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145	DNA-dependent protein kinase catalytic subunit: A relative of phosphatidylinositol 3-kinase and the ataxia telangiectasia gene product. Cell, 1995, 82, 849-856.	23.4	738
146	MPSA short communications. The Protein Journal, 1994, 13, 431-512.	1.3	0
147	Dimerization and DNA binding alter phosphorylation of Fos and Jun.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 6766-6770.	5.2	68
148	Phosphorylation at Ser-15 and Ser-392 in mutant p53 molecules from human tumors is altered compared to wild-type p53.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 5954-5958.	5.2	96
149	Human DNA-Activated Protein Kinase Phosphorylates Serines 15 and 37 in the Amino-Terminal Transactivation Domain of Human p53. Molecular and Cellular Biology, 1992, 12, 5041-5049.	1.5	253
150	The human DNA-activated protein kinase phosphorylates simian virus 40 T antigen at amino- and carboxy-terminal sites. Journal of Virology, 1991, 65, 5131-5140.	2.4	49
151	GC box binding induces phosphorylation of Sp1 by a DNA-dependent protein kinase. Cell, 1990, 63, 155-165.	23.4	696
152	Human Cells Contain a DNA-Activated Protein Kinase that Phosphorylates Simian Virus 40 T Antigen, Mouse p53, and the Human Ku Autoantigen. Molecular and Cellular Biology, 1990, 10, 6472-6481.	1.5	180
153	The Human Double-stranded DNA-activated Protein Kinase Phosphorylates the 90-kDa Heat-shock Protein, hsp90α at Two NH2-terminal Threonine Residues. Journal of Biological Chemistry, 1989, 264, 17275-17280.	1.3	173
154	Two human 90-kDa heat shock proteins are phosphorylated in vivo at conserved serines that are phosphorylated in vitro by casein kinase II. Journal of Biological Chemistry, 1989, 264, 2431-2437.	1.3	186
155	Title is missing!. , 0, .		1
156	A Genetic roadmap to the DNA damage response to genotoxic agents in human cells. Faculty Reviews, 0, 11, .	0.5	0
157	High-Efficiency Enrichment by Saturating Nanoliters of Protein Affinity Media. Analytical Chemistry, 0, 95, 15884-15892.	5.2	3