Tej K Pandita

List of Publications by Year
in descending order

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Version: 2024-02-01

88	5,045	101543	95266
papers	citations	36 h-index	68 g-index

94	94	94	9016
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Caspase-2 regulates S-phase cell cycle events to protect from DNA damage accumulation independent of apoptosis. Oncogene, 2022, 41, 204-219.	5.9	9
2	Stress Responses as Master Keys to Epigenomic Changes in Transcriptome and Metabolome for Cancer Etiology and Therapeutics. Molecular and Cellular Biology, 2022, 42, MCB0048321.	2.3	1
3	Heat-induced SIRT1-mediated H4K16ac deacetylation impairs resection and SMARCAD1 recruitment to double strand breaks. IScience, 2022, 25, 104142.	4.1	8
4	Breakthroughs and Applications of Organ-on-a-Chip Technology. Cells, 2022, 11, 1828.	4.1	27
5	Role of Transposable Elements in Genome Stability: Implications for Health and Disease. International Journal of Molecular Sciences, 2022, 23, 7802.	4.1	15
6	Autism-Associated Vigilin Depletion Impairs DNA Damage Repair. Molecular and Cellular Biology, 2021, 41, e0008221.	2.3	8
7	EXO5-DNA structure and BLM interactions direct DNA resection critical for ATR-dependent replication restart. Molecular Cell, 2021, 81, 2989-3006.e9.	9.7	26
8	Esomeprazole enhances the effect of ionizing radiation to improve tumor control. Oncotarget, 2021, 12, 1339-1353.	1.8	10
9	Role of histone acetyltransferases MOF and Tip60 in genome stability. DNA Repair, 2021, 107, 103205.	2.8	12
10	Histone Acetyltransferase MOF Orchestrates Outcomes at the Crossroad of Oncogenesis, DNA Damage Response, Proliferation, and Stem Cell Development. Molecular and Cellular Biology, 2020, 40, .	2.3	37
11	Role of HP1Î² during spermatogenesis and DNA replication. Chromosoma, 2020, 129, 215-226.	2.2	6
12	Lysine acetyltransferase 8 is involved in cerebral development and syndromic intellectual disability. Journal of Clinical Investigation, 2020, 130, 1431-1445.	8.2	40
13	Gastric cancer in Jammu and Kashmir, India: A review of genetic perspectives. Journal of Cancer Research and Therapeutics, 2020, .	0.9	1
14	Prion disease is accelerated in mice lacking stress-induced heat shock protein 70 (HSP70). Journal of Biological Chemistry, 2019, 294, 13619-13628.	3.4	23
15	Pre-existing H4K16ac levels in euchromatin drive DNA repair by homologous recombination in S-phase. Communications Biology, 2019, 2, 253.	4.4	33
16	The BRUCEâ€ATR Signaling Axis Is Required for Accurate DNA Replication and Suppression of Liver Cancer Development. Hepatology, 2019, 69, 2608-2622.	7.3	22
17	Î²1-Integrin Impacts Rad51 Stability and DNA Double-Strand Break Repair by Homologous Recombination. Molecular and Cellular Biology, 2018, 38, .	2.3	33
18	MOF Suppresses Replication Stress and Contributes to Resolution of Stalled Replication Forks. Molecular and Cellular Biology, 2018, 38, .	2.3	21

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19	HER2 Confers Resistance to Foretinib Inhibition of MET-Amplified Esophageal Adenocarcinoma Cells. Annals of Thoracic Surgery, 2018, 105, 363-370.	1.3	10
20	MOF influences meiotic expansion of H2AX phosphorylation and spermatogenesis in mice. PLoS Genetics, 2018, 14, e1007300.	3.5	36
21	Complete Local and Abscopal Responses from a Combination of Radiation and Nivolumab in Refractory Hodgkin's Lymphoma. Radiation Research, 2018, 190, 322.	1.5	36
22	The small heat shock protein HSPB1 protects mice from sepsis. Scientific Reports, 2018, 8, 12493.	3.3	10
23	SMARCAD1 Phosphorylation and Ubiquitination Are Required for Resection during DNA Double-Strand Break Repair. IScience, 2018, 2, 123-135.	4.1	44
24	A multifaceted role for MOF histone modifying factor in genome maintenance. Mechanisms of Ageing and Development, 2017, 161, 177-180.	4.6	8
25	Histone Acetyltransferase Activity of MOF Is Required for MLL-AF9 Leukemogenesis. Cancer Research, 2017, 77, 1753-1762.	0.9	38
26	Ssb1 and Ssb2 cooperate to regulate mouse hematopoietic stem and progenitor cells by resolving replicative stress. Blood, 2017, 129, 2479-2492.	1.4	18
27	Histone acetyltransferase KAT8 is essential for mouse oocyte development by regulating ROS levels. Development (Cambridge), 2017, 144, 2165-2174.	2.5	25
28	Histone acetyltransferase activity of MOF is required for adult but not early fetal hematopoiesis in mice. Blood, 2017, 129, 48-59.	1.4	34
29	Transcription regulation of CDKN1A (p21/CIP1/WAF1) by TRF2 is epigenetically controlled through the REST repressor complex. Scientific Reports, 2017, 7, 11541.	3.3	44
30	Differentiation of Human Induced Pluripotent or Embryonic Stem Cells Decreases the DNA Damage Repair by Homologous Recombination. Stem Cell Reports, 2017, 9, 1660-1674.	4.8	33
31	miR-15a/miR-16 down-regulates BMI1, impacting Ub-H2A mediated DNA repair and breast cancer cell sensitivity to doxorubicin. Scientific Reports, 2017, 7, 4263.	3.3	39
32	MCL-1 Depletion Impairs DNA Double-Strand Break Repair and Reinitiation of Stalled DNA Replication Forks. Molecular and Cellular Biology, 2017, 37, .	2.3	44
33	Aurora kinase B dependent phosphorylation of 53BP1 is required for resolving merotelic kinetochore-microtubule attachment errors during mitosis. Oncotarget, 2017, 8, 48671-48687.	1.8	10
34	The many faces of histone H3K79 methylation. Mutation Research - Reviews in Mutation Research, 2016, 768, 46-52.	5.5	131
35	Pluripotent Stem Cells and DNA Damage Response to Ionizing Radiations. Radiation Research, 2016, 186, 17-26.	1.5	11
36	Classical non-homologous end-joining pathway utilizes nascent RNA for error-free double-strand break repair of transcribed genes. Nature Communications, 2016, 7, 13049.	12.8	136

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37	Torin2 Suppresses Ionizing Radiation-Induced DNA Damage Repair. Radiation Research, 2016, 185, 527-538.	1.5	11
38	HOXC10 Expression Supports the Development of Chemotherapy Resistance by Fine Tuning DNA Repair in Breast Cancer Cells. Cancer Research, 2016, 76, 4443-4456.	0.9	52
39	Î²2-spectrin depletion impairs DNA damage repair. Oncotarget, 2016, 7, 33557-33570.	1.8	17
40	Nuclear functions of Î²2-Spectrin in genomic stability. Aging, 2016, 8, 3151-3152.	3.1	1
41	Role of the Exocyst Complex Component Sec6/8 in Genomic Stability. Molecular and Cellular Biology, 2015, 35, 3633-3645.	2.3	13
42	Single-Strand DNA-Binding Protein SSB1 Facilitates TERT Recruitment to Telomeres and Maintains Telomere G-Overhangs. Cancer Research, 2015, 75, 858-869.	0.9	19
43	The Role of the Mammalian DNA End-processing Enzyme Polynucleotide Kinase 3â€™-Phosphatase in Spinocerebellar Ataxia Type 3 Pathogenesis. PLoS Genetics, 2015, 11, e1004749.	3.5	84
44	Detecting ATM-Dependent Chromatin Modification in DNA Damage Response. Methods in Molecular Biology, 2015, 1288, 317-336.	0.9	20
45	USP7 saves RIDDLE for the end. Cell Cycle, 2015, 14, 1999-1999.	2.6	0
46	Neil2-null Mice Accumulate Oxidized DNA Bases in the Transcriptionally Active Sequences of the Genome and Are Susceptible to Innate Inflammation. Journal of Biological Chemistry, 2015, 290, 24636-24648.	3.4	79
47	ATM functions at the peroxisome to induce pexophagy in response to ROS. Nature Cell Biology, 2015, 17, 1259-1269.	10.3	361
48	Targeted inhibition of histone deacetylases and hedgehog signaling suppress tumor growth and homologous recombination in aerodigestive cancers. American Journal of Cancer Research, 2015, 5, 1337-52.	1.4	8
49	Constitutive and ligand-induced EGFR signalling triggers distinct and mutually exclusive downstream signalling networks. Nature Communications, 2014, 5, 5811.	12.8	72
50	Human single-stranded DNA binding protein 1 (hSSB1/NABP2) is required for the stability and repair of stalled replication forks. Nucleic Acids Research, 2014, 42, 6326-6336.	14.5	48
51	Role of 53BP1 in the Regulation of DNA Double-Strand Break Repair Pathway Choice. Radiation Research, 2014, 181, 1-8.	1.5	122
52	MOF Phosphorylation by ATM Regulates 53BP1-Mediated Double-Strand Break Repair Pathway Choice. Cell Reports, 2014, 8, 177-189.	6.4	83
53	Unraveling the novel function of the DNA repair enzyme 8-oxoguanine-DNA glycosylase in activating key signaling pathways. Free Radical Biology and Medicine, 2014, 73, 439-440.	2.9	8
54	A Perspective on Chromosomal Double Strand Break Markers in Mammalian Cells. , 2014, 1, .		17

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55	Genome-wide distribution of histone H4 Lysine 16 acetylation sites and their relationship to gene expression. Genome Integrity, 2013, 4, 3.	1.0	46
56	T-cell-specific deletion of Mof blocks their differentiation and results in genomic instability in mice. Mutagenesis, 2013, 28, 263-270.	2.6	35
57	Histone Modifications and DNA Double-Strand Break Repair after Exposure to Ionizing Radiations. Radiation Research, 2013, 179, 383-392.	1.5	120
58	Histone <scp>H</scp>4 lysine 16 acetylated isoform synthesis opens new route to biophysical studies. Proteomics, 2013, 13, 1546-1547.	2.2	6
59	Lamin A/C Depletion Enhances DNA Damage-Induced Stalled Replication Fork Arrest. Molecular and Cellular Biology, 2013, 33, 1210-1222.	2.3	101
60	Chromatin modifications and the DNA damage response to ionizing radiation. Frontiers in Oncology, 2013, 2, 214.	2.8	55
61	The role of MOF in the ionizing radiation response is conserved in Drosophila melanogaster. Chromosoma, 2012, 121, 79-90.	2.2	26
62	Purkinje cell-specific males absent on the first (mMof) gene deletion results in an ataxia-telangiectasia-like neurological phenotype and backward walking in mice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3636-3641.	7.1	44
63	Epigenetic Inactivation of the Potential Tumor Suppressor Gene FOXF1 in Breast Cancer. Cancer Research, 2010, 70, 6047-6058.	0.9	81
64	MOF and Histone H4 Acetylation at Lysine 16 Are Critical for DNA Damage Response and Double-Strand Break Repair. Molecular and Cellular Biology, 2010, 30, 3582-3595.	2.3	275
65	Molecular Parameters of Hyperthermia for Radiosensitization. Critical Reviews in Eukaryotic Gene Expression, 2009, 19, 235-251.	0.9	41
66	Chromatin remodeling finds its place in the DNA double-strand break response. Nucleic Acids Research, 2009, 37, 1363-1377.	14.5	113
67	Cell cycle checkpoint defects contribute to genomic instability in PTEN deficient cells independent of DNA DSB repair. Cell Cycle, 2009, 8, 2198-2210.	2.6	107
68	Single-stranded DNA-binding protein hSSB1 is critical for genomic stability. Nature, 2008, 453, 677-681.	27.8	220
69	Inhibition of Telomerase Activity Enhances Hyperthermia-Mediated Radiosensitization. Cancer Research, 2008, 68, 3370-3378.	0.9	32
70	The Mammalian Ortholog of Drosophila MOF That Acetylates Histone H4 Lysine 16 Is Essential for Embryogenesis and Oncogenesis. Molecular and Cellular Biology, 2008, 28, 397-409.	2.3	194
71	A Role for the HOXB7 Homeodomain Protein in DNA Repair. Cancer Research, 2007, 67, 1527-1535.	0.9	79
72	Hyperthermia Activates a Subset of Ataxia-Telangiectasia Mutated Effectors Independent of DNA Strand Breaks and Heat Shock Protein 70 Status. Cancer Research, 2007, 67, 3010-3017.	0.9	153

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73	Mammalian Rad9 Plays a Role in Telomere Stability, S- and G₂-Phase-Specific Cell Survival, and Homologous Recombinational Repair. Molecular and Cellular Biology, 2006, 26, 1850-1864.	2.3	126
74	Role of Mammalian Rad9 in Genomic Stability and Ionizing Radiation Response. Cell Cycle, 2006, 5, 1289-1291.	2.6	18
75	Role of HSPs and telomerase in radiotherapy. International Journal of Hyperthermia, 2005, 21, 689-694.	2.5	8
76	Involvement of Human MOF in ATM Function. Molecular and Cellular Biology, 2005, 25, 5292-5305.	2.3	215
77	Detecting the Influence of Cell Cycle Regulatory Proteins on Human Telomeres. , 2004, 241, 329-340.		0
78	Stress Signaling and Myc Downregulation: Implications for Cancer. Cell Cycle, 2004, 3, 591-594.	2.6	25
79	hTERT associates with human telomeres and enhances genomic stability and DNA repair. Oncogene, 2003, 22, 131-146.	5.9	221
80	A multifaceted role for ATM in genome maintenance. Expert Reviews in Molecular Medicine, 2003, 5, 1-21.	3.9	48
81	Human Heterochromatin Protein 1 Isoforms HP1^{Hsα} and HP1^{Hsβ} Interfere with hTERT-Telomere Interactions and Correlate with Changes in Cell Growth and Response to Ionizing Radiation. Molecular and Cellular Biology, 2003, 23, 8363-8376.	2.3	95
82	Role of telomerase in radiocurability (review). Oncology Reports, 2003, 10, 263-70.	2.6	11
83	Ionizing radiation activates the ATM kinase throughout the cell cycle. Oncogene, 2000, 19, 1386-1391.	5.9	151
84	Atm Inactivation Results in Aberrant Telomere Clustering during Meiotic Prophase. Molecular and Cellular Biology, 1999, 19, 5096-5105.	2.3	85
85	Chromosome Aberrations in Human Fibroblasts Induced by Monoenergetic Neutrons. I. Relative Biological Effectiveness. Radiation Research, 1996, 145, 730.	1.5	37
86	Neoplastic transformation of mouse C3H10T12 cells following exposure to neutrons does not involve mutation of ras gene as analyzed by SSCP and cycle sequencing. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 357, 237-244.	1.0	10
87	The Contribution of DNA and Chromosome Repair Deficiencies to the Radiosensitivity of Ataxia-Telangiectasia. Radiation Research, 1992, 131, 214.	1.5	79
88	Initial Chromosome Damage but Not DNA Damage Is Greater in Ataxia Telangiectasia Cells. Radiation Research, 1992, 130, 94.	1.5	129