

# Nobuo Horikoshi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1660092/publications.pdf>

Version: 2024-02-01

52  
papers

2,286  
citations

218677

26  
h-index

214800

47  
g-index

53  
all docs

53  
docs citations

53  
times ranked

3939  
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese Superoxide Dismutase Acetylation and Regulation of Protein Structure in Breast Cancer Biology and Therapy. <i>Antioxidants</i> , 2022, 11, 635.	5.1	1
2	Heat-induced SIRT1-mediated H4K16ac deacetylation impairs resection and SMARCAD1 recruitment to double strand breaks. <i>IScience</i> , 2022, 25, 104142.	4.1	8
3	Pre-existing H4K16ac levels in euchromatin drive DNA repair by homologous recombination in S-phase. <i>Communications Biology</i> , 2019, 2, 253.	4.4	33
4	Lysine 68 acetylation directs MnSOD as a tetrameric detoxification complex versus a monomeric tumor promoter. <i>Nature Communications</i> , 2019, 10, 2399.	12.8	33
5	Loss of Sirt2 increases and prolongs a caerulein-induced pancreatitis permissive phenotype and induces spontaneous oncogenic Kras mutations in mice. <i>Scientific Reports</i> , 2018, 8, 16501.	3.3	13
6	Emerging evidence for targeting mitochondrial metabolic dysfunction in cancer therapy. <i>Journal of Clinical Investigation</i> , 2018, 128, 3682-3691.	8.2	59
7	A multifaceted role for MOF histone modifying factor in genome maintenance. <i>Mechanisms of Ageing and Development</i> , 2017, 161, 177-180.	4.6	8
8	Transcription regulation of CDKN1A (p21/CIP1/WAF1) by TRF2 is epigenetically controlled through the REST repressor complex. <i>Scientific Reports</i> , 2017, 7, 11541.	3.3	44
9	Differentiation of Human Induced Pluripotent or Embryonic Stem Cells Decreases the DNA Damage Repair by Homologous Recombination. <i>Stem Cell Reports</i> , 2017, 9, 1660-1674.	4.8	33
10	Classical non-homologous end-joining pathway utilizes nascent RNA for error-free double-strand break repair of transcribed genes. <i>Nature Communications</i> , 2016, 7, 13049.	12.8	136
11	Torin2 Suppresses Ionizing Radiation-Induced DNA Damage Repair. <i>Radiation Research</i> , 2016, 185, 527-538.	1.5	11
12	Î²2-spectrin depletion impairs DNA damage repair. <i>Oncotarget</i> , 2016, 7, 33557-33570.	1.8	17
13	Abstract 2756: SMARCAD1 depletion enhances hyperthermia-mediated radiosensitization by decreasing resection and enhancing stalled replication forks. , 2016, , .		0
14	Role of the Exocyst Complex Component Sec6/8 in Genomic Stability. <i>Molecular and Cellular Biology</i> , 2015, 35, 3633-3645.	2.3	13
15	Identification and characterization of a cell division-regulating kinase AKB1 (associated kinase of Tj ETQq1 1 0.784314 rgBT /Overloc. <i>Biochemistry</i> , 2015, 158, 49-60.	1.7	5
16	Single-Strand DNA-Binding Protein SSB1 Facilitates TERT Recruitment to Telomeres and Maintains Telomere G-Overhangs. <i>Cancer Research</i> , 2015, 75, 858-869.	0.9	19
17	Detecting ATM-Dependent Chromatin Modification in DNA Damage Response. <i>Methods in Molecular Biology</i> , 2015, 1288, 317-336.	0.9	20
18	Abstract 2852: Torin2 suppresses ionizing radiation induced DNA damage repair. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Targeted inhibition of histone deacetylases and hedgehog signaling suppress tumor growth and homologous recombination in aerodigestive cancers. <i>American Journal of Cancer Research</i> , 2015, 5, 1337-52.	1.4	8
20	Role of 53BP1 in the Regulation of DNA Double-Strand Break Repair Pathway Choice. <i>Radiation Research</i> , 2014, 181, 1-8.	1.5	122
21	MOF Phosphorylation by ATM Regulates 53BP1-Mediated Double-Strand Break Repair Pathway Choice. <i>Cell Reports</i> , 2014, 8, 177-189.	6.4	83
22	A new paradigm for transcription factor TFIIIB functionality. <i>Scientific Reports</i> , 2014, 4, 3664.	3.3	16
23	Genome-wide distribution of histone H4 Lysine 16 acetylation sites and their relationship to gene expression. <i>Genome Integrity</i> , 2013, 4, 3.	1.0	46
24	T-cell-specific deletion of Mof blocks their differentiation and results in genomic instability in mice. <i>Mutagenesis</i> , 2013, 28, 263-270.	2.6	35
25	Histone Modifications and DNA Double-Strand Break Repair after Exposure to Ionizing Radiations. <i>Radiation Research</i> , 2013, 179, 383-392.	1.5	120
26	Lamin A/C Depletion Enhances DNA Damage-Induced Stalled Replication Fork Arrest. <i>Molecular and Cellular Biology</i> , 2013, 33, 1210-1222.	2.3	101
27	Trypanosoma brucei 14-3-3I and II proteins predominantly form a heterodimer structure that acts as a potent cell cycle regulator in vivo. <i>Journal of Biochemistry</i> , 2013, 153, 431-439.	1.7	5
28	Chromatin modifications and the DNA damage response to ionizing radiation. <i>Frontiers in Oncology</i> , 2013, 2, 214.	2.8	55
29	DNA breathing dynamics distinguish binding from nonbinding consensus sites for transcription factor YY1 in cells. <i>Nucleic Acids Research</i> , 2012, 40, 10116-10123.	14.5	39
30	Does PTEN Loss Impair DNA Double-Strand Break Repair by Homologous Recombination?. <i>Clinical Cancer Research</i> , 2012, 18, 920-922.	7.0	26
31	The role of MOF in the ionizing radiation response is conserved in <i>Drosophila melanogaster</i> . <i>Chromosoma</i> , 2012, 121, 79-90.	2.2	26
32	E2FBP1 antagonizes the p16INK4A/Rb tumor suppressor machinery for growth suppression and cellular senescence by regulating promyelocytic leukemia protein stability. <i>International Journal of Oral Science</i> , 2011, 3, 200-208.	8.6	8
33	The Herpes Simplex Virus Immediate-Early Ubiquitin Ligase ICPO Induces Degradation of the ICPO Repressor Protein E2FBP1. <i>Journal of Virology</i> , 2011, 85, 3356-3366.	3.4	18
34	Geldanamycin and its anti-cancer activities. <i>Cancer Letters</i> , 2010, 290, 24-35.	7.2	135
35	Phosphorylation-Dependent Protein Interaction with Trypanosoma brucei 14-3-3 Proteins that Display Atypical Target Recognition. <i>PLoS ONE</i> , 2010, 5, e15566.	2.5	6
36	Tumor Viruses and p53. <i>Molecular Biology Intelligence Unit</i> , 2010, , 160-177.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Mutant p53 Disrupts the Stress MAPK Activation Circuit Induced by ASK1-Dependent Stabilization of Daxx. <i>Cancer Research</i> , 2009, 69, 7681-7688.	0.9	17
38	Phosphorylation-Dependent Lys63-Linked Polyubiquitination of Daxx Is Essential for Sustained TNF- $\alpha$ -Induced ASK1 Activation. <i>Cancer Research</i> , 2009, 69, 7512-7517.	0.9	17
39	Profiling the Thermodynamic Softness of Adenoviral Promoters. <i>Biophysical Journal</i> , 2008, 95, 597-608.	0.5	25
40	Oxidative Stress Plays a Critical Role in Inactivating Mutant BRAF by Geldanamycin Derivatives. <i>Cancer Research</i> , 2008, 68, 6324-6330.	0.9	35
41	Perinatal Loss of Nkx2-5 Results in Rapid Conduction and Contraction Defects. <i>Circulation Research</i> , 2008, 103, 580-590.	4.5	86
42	Identification of Cardiac-Specific Myosin Light Chain Kinase. <i>Circulation Research</i> , 2008, 102, 571-580.	4.5	127
43	Novel Chemical Enhancers of Heat Shock Increase Thermal Radiosensitization through a Mitotic Catastrophe Pathway. <i>Cancer Research</i> , 2007, 67, 695-701.	0.9	37
44	Hyperthermia Activates a Subset of Ataxia-Telangiectasia Mutated Effectors Independent of DNA Strand Breaks and Heat Shock Protein 70 Status. <i>Cancer Research</i> , 2007, 67, 3010-3017.	0.9	153
45	Combined inhibition of extracellular signal-regulated kinases and HSP90 sensitizes human colon carcinoma cells to ionizing radiation. <i>Oncogene</i> , 2005, 24, 3011-3019.	5.9	26
46	The role of the DNA double-strand break response network in meiosis. <i>DNA Repair</i> , 2004, 3, 1149-1164.	2.8	77
47	Inhibition of Stress-Inducible Kinase Pathways by Tumorigenic Mutant p53. <i>Molecular and Cellular Biology</i> , 2003, 23, 322-334.	2.3	29
48	Gene expression profiling of the aging mouse cardiac myocytes. <i>Nucleic Acids Research</i> , 2002, 30, 3788-3794.	14.5	92
49	A novel p53-inducible apoptogenic gene, PRG3, encodes a homologue of the apoptosis-inducing factor (AIF). <i>FEBS Letters</i> , 2002, 524, 163-171.	2.8	92
50	Another Function for the Mitochondrial Ribosomal RNA:Â Protein Foldingâ€. <i>Biochemistry</i> , 2001, 40, 11559-11564.	2.5	25
51	Characterization of Homo- and Heterodimerization of Cardiac Csx/Nkx2.5 Homeoprotein. <i>Journal of Biological Chemistry</i> , 2001, 276, 4570-4580.	3.4	88
52	Isolation of Differentially Expressed cDNAs from p53-Dependent Apoptotic Cells: Activation of the Human Homologue of the Drosophila Peroxidase Gene. <i>Biochemical and Biophysical Research Communications</i> , 1999, 261, 864-869.	2.1	58