Toshio Mori

List of Publications by Year
in descending order

125	7,005	71102	60623
papers	citations	41 h-index	81 g-index

126	126	126	6678
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	p53AIP1, a Potential Mediator of p53-Dependent Apoptosis, and Its Regulation by Ser-46-Phosphorylated p53. Cell, 2000, 102, 849-862.	28.9	1,095
2	UV-Induced Ubiquitylation of XPC Protein Mediated by UV-DDB-Ubiquitin Ligase Complex. Cell, 2005, 121, 387-400.	28.9	517
3	SIMULTANEOUS ESTABLISHMENT OF MONOCLONAL ANTIBODIES SPECIFIC FOR EITHER CYCLOBUTANE PYRIMIDINE DIMER OR (6â€4)PHOTOPRODUCT FROM THE SAME MOUSE IMMUNIZED WITH ULTRAVIOLETâ€IRRADIATED DNA. Photochemistry and Photobiology, 1991, 54, 225-232.	2.5	413
4	Spatial and Temporal Cellular Responses to Single-Strand Breaks in Human Cells. Molecular and Cellular Biology, 2003, 23, 3974-3981.	2.3	307
5	Localization of ADAMTS13 to the stellate cells of human liver. Blood, 2005, 106, 922-924.	1.4	289
6	Centrin 2 Stimulates Nucleotide Excision Repair by Interacting with Xeroderma Pigmentosum Group C Protein. Molecular and Cellular Biology, 2005, 25, 5664-5674.	2.3	225
7	DDB Accumulates at DNA Damage Sites Immediately after UV Irradiation and Directly Stimulates Nucleotide Excision Repair. Journal of Biological Chemistry, 2002, 277, 1637-1640.	3.4	197
8	Supranuclear Melanin Caps Reduce Ultraviolet Induced DNA Photoproducts in Human Epidermis. Journal of Investigative Dermatology, 1998, 110, 806-810.	0.7	195
9	Effect of Prolyl-hydroxyproline (Pro-Hyp), a Food-Derived Collagen Peptide in Human Blood, on Growth of Fibroblasts from Mouse Skin. Journal of Agricultural and Food Chemistry, 2009, 57, 444-449.	5.2	187
10	Perturbed gap-filling synthesis in nucleotide excision repair causes histone H2AX phosphorylation in human quiescent cells. Journal of Cell Science, 2007, 120, 1104-1112.	2.0	124
11	Possible involvement of stem-like populations with elevated ALDH1 in sarcomas for chemotherapeutic drug resistance. Oncology Reports, 2010, 24, 501-5.	2.6	118
12	In Situ Visualization of Ultraviolet-Light-Induced DNA Damage Repair in Locally Irradiated Human Fibroblasts. Journal of Investigative Dermatology, 2001, 117, 1156-1161.	0.7	109
13	Differential apoptotic pathways in human keratinocyte HaCaT cells exposed to UVB and UVC. Apoptosis: an International Journal on Programmed Cell Death, 2005, 10, 1121-1130.	4.9	94
14	Signal Transducer and Activator of Transcription 3 Is a Key Regulator of Keratinocyte Survival and Proliferation following UV Irradiation. Cancer Research, 2005, 65, 5720-5729.	0.9	92
15	DNA repair in higher plants; photoreactivation is the major DNA repair pathway in non-proliferating cells while excision repair (nucleotide excision repair and base excision repair) is active in proliferating cells. Nucleic Acids Research, 2004, 32, 2760-2767.	14.5	91
16	Melanin Reduces Ultraviolet-Induced DNA Damage Formation and Killing Rate in Cultured Human Melanoma Cells. Journal of Investigative Dermatology, 1993, 101, 685-689.	0.7	89
17	Induction of cyclobutane pyrimidine dimers, pyrimidine(6-4)pyrimidone photoproducts, and Dewar valence isomers by natural sunlight in normal human mononuclear cells. Cancer Research, 1995, 55, 2245-8.	0.9	86
18	Tmem100 , an ALK1 receptor signaling-dependent gene essential for arterial endothelium differentiation and vascular morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12064-12069.	7.1	85

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19	BRCA1 Transcriptionally Regulates Damaged DNA Binding Protein (DDB2) In the DNA Repair Response Following UV-Irradiation. Cancer Biology and Therapy, 2002, 1, 177-186.	3.4	84
20	Three-Dimensional Visualization of Ultraviolet-Induced DNA Damage and Its Repair in Human Cell Nuclei. Journal of Investigative Dermatology, 1998, 110, 143-148.	0.7	75
21	Possible Involvement of ERK 1/2 in UVA-Induced Melanogenesis in Cultured Normal Human Epidermal Melanocytes. Pigment Cell & Melanoma Research, 2001, 14, 103-109.	3.6	73
22	DNA single-strand break repair is impaired in aprataxin-related ataxia. Annals of Neurology, 2007, 61, 162-174.	5.3	71
23	ESTABLISHMENT and CHARACTERIZATION OF A MONOCLONAL ANTIBODY RECOGNIZING THE DEWAR ISOMERS OF(6â€“4)PHOTOPRODUCTS. Photochemistry and Photobiology, 1993, 57, 934-940.	2.5	70
24	Hypersensitivity of human lymphocytes to UV-B and solar irradiation. Cancer Research, 1993, 53, 609-14.	0.9	68
25	CORRELATION OF UVC AND UVB CYTOTOXICITY WITH THE INDUCTION OF SPECIFIC PHOTOPRODUCTS IN T-LYMPHOCYTES AND FIBROBLASTS FROM NORMAL HUMAN DONORS. Photochemistry and Photobiology, 1995, 61, 163-170.	2.5	65
26	Relative levels of the two mammalian Rad23 homologs determine composition and stability of the xeroderma pigmentosum group C protein complex. DNA Repair, 2004, 3, 1285-1295.	2.8	63
27	Diel Cycles of DNA Damage and Repair in Eggs and Larvae of Northern Anchovy, Engraulis mordax, Exposed to Solar Ultraviolet Radiation. Photochemistry and Photobiology, 1999, 69, 27-33.	2.5	59
28	Quantitation and Visualization of Ultraviolet-Induced DNA Damage Using Specific Antibodies: Application to Pigment Cell Biology. Pigment Cell & Melanoma Research, 2001, 14, 94-102.	3.6	58
29	A Newly Identified Patient with Clinical Xeroderma Pigmentosum Phenotype has a Non-Sense Mutation in the DDB2 Gene and Incomplete Repair in (6-4) Photoproducts. Journal of Investigative Dermatology, 1999, 113, 251-257.	0.7	55
30	NBS1 Recruits RAD18 via a RAD6-like Domain and Regulates Pol Î·-Dependent Translesion DNA Synthesis. Molecular Cell, 2011, 43, 788-797.	9.7	55
31	Mesenchymal stem cells promote tumor engraftment and metastatic colonization in rat osteosarcoma model. International Journal of Oncology, 2012, 40, 163-9.	3.3	54
32	Augmentation of differentiation and gap junction function by kaempferol in partially differentiated colon cancer cells. Carcinogenesis, 2004, 26, 665-671.	2.8	53
33	Interaction with DNA polymerase Î· is required for nuclear accumulation of REV1 and suppression of spontaneous mutations in human cells. DNA Repair, 2009, 8, 585-599.	2.8	53
34	Respective roles of cyclobutane pyrimidine dimers, (6-4)photoproducts, and minor photoproducts in ultraviolet mutagenesis of repair-deficient xeroderma pigmentosum A cells. Cancer Research, 2000, 60, 1729-35.	0.9	51
35	Base sequence specificity of a monoclonal antibody binding to (6-4)photoproducts. Mutation Research DNA Repair, 1990, 235, 187-194.	3.7	50
36	Decreased Gene Expression Responsible for Post-Ultraviolet DNA Repair Synthesis in Aging: A Possible Mechanism of Age-Related Reduction in DNA Repair Capacity. Journal of Investigative Dermatology, 2005, 124, 435-442.	0.7	50

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37	Aged human skin removes UVB-induced pyrimidine dimers from the epidermis more slowly than younger adult skin in vivo. Archives of Dermatological Research, 2006, 297, 294-302.	1.9	50
38	Cyclosporin A, but not everolimus, inhibits DNA repair mediated by calcineurin: implications for tumorigenesis under immunosuppression. Experimental Dermatology, 2011, 20, 232-236.	2.9	48
39	Functional regulation of the DNA damage-recognition factor DDB2 by ubiquitination and interaction with xeroderma pigmentosum group C protein. Nucleic Acids Research, 2015, 43, 1700-1713.	14.5	46
40	Differential expressions and DNA methylation patterns of lysophosphatidic acid receptor genes in human colon cancer cells. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2010, 457, 669-676.	2.8	44
41	In Vivo Destabilization and Functional Defects of the Xeroderma Pigmentosum C Protein Caused by a Pathogenic Missense Mutation. Molecular and Cellular Biology, 2007, 27, 6606-6614.	2.3	42
42	Dephosphorylation of WR-2721 with mouse tissue homogenates. International Journal of Radiation Oncology Biology Physics, 1984, 10, 1529-1531.	0.8	38
43	Protein kinase CÎ³, a protein causative for dominant ataxia, negatively regulates nuclear import of recessive-ataxia-related aprataxin. Human Molecular Genetics, 2009, 18, 3533-3543.	2.9	38
44	Loss of lysophosphatidic acid receptor-3 enhances cell migration in rat lung tumor cells. Biochemical and Biophysical Research Communications, 2011, 405, 450-454.	2.1	37
45	Establishment of a monoclonal antibody recognizing ultraviolet light-induced (6-4) photoproducts. Mutation Research - DNA Repair Reports, 1988, 194, 263-270.	1.8	36
46	The Total Amount of DNA Damage Determines Ultraviolet-radiation-induced Cytotoxicity After Uniformor Localized Irradiation of Human Cells. Journal of Investigative Dermatology, 2002, 119, 1177-1182.	0.7	35
47	Chemopreventive effect of resveratrol and apocynin on pancreatic carcinogenesis via modulation of nuclear phosphorylated GSK3Î² and ERK1/2. Oncotarget, 2015, 6, 42963-42975.	1.8	35
48	Trichothiodystrophy Fibroblasts Are Deficient in the Repair of Ultraviolet-Induced Cyclobutane Pyrimidine Dimers and (6â€“4)Photoproducts. Journal of Investigative Dermatology, 2004, 122, 526-532.	0.7	33
49	Induction and repair of UVB-induced cyclobutane pyrimidine dimers and (6-4) photoproducts in organ-cultured normal human skin. Archives of Dermatological Research, 1992, 284, 232-237.	1.9	31
50	SUMOylation of xeroderma pigmentosum group C protein regulates DNA damage recognition during nucleotide excision repair. Scientific Reports, 2015, 5, 10984.	3.3	31
51	Possible involvement of lysophosphatidic acid receptorâ€5 gene in the acquisition of growth advantage of rat tumor cells. Molecular Carcinogenesis, 2011, 50, 635-642.	2.7	29
52	Characterization of Three XPG-Defective Patients Identifies Three Missense Mutations that Impair Repair and Transcription. Journal of Investigative Dermatology, 2013, 133, 1841-1849.	0.7	29
53	In situ PYRIMIDINE DIMER DETERMINATION BY LASER CYTOMETRY. Photochemistry and Photobiology, 1989, 49, 523-526.	2.5	26
54	A simple and sensitive antibody-based method to measure UV-induced DNA damage inZea mays. Plant Molecular Biology Reporter, 1993, 11, 230-236.	1.8	26

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55	Involvement of aberrant DNA methylation on reduced expression of lysophosphatidic acid receptor-1 gene in rat tumor cell lines. Biochemical and Biophysical Research Communications, 2006, 349, 1151-1155.	2.1	26
56	Induction of lysophosphatidic acid receptor-3 by 12-O-tetradecanoylphorbol-13-acetate stimulates cell migration of rat liver cells. Cancer Letters, 2011, 309, 236-242.	7.2	26
57	Neurons and astrocytes exhibit lower activities of global genome nucleotide excision repair than do fibroblasts. DNA Repair, 2007, 6, 649-657.	2.8	25
58	High levels of oxidatively generated DNA damage 8,5â€²-cyclo-2â€²-deoxyadenosine accumulate in the brain tissues of xeroderma pigmentosum group A gene-knockout mice. DNA Repair, 2019, 80, 52-58.	2.8	25
59	Cooperation between BRCA1 and p53 in repair of cyclobutane pyrimidine dimers. Cancer Biology and Therapy, 2005, 4, 1409-1414.	3.4	24
60	HCMV-Infected Cells Maintain Efficient Nucleotide Excision Repair of the Viral Genome while Abrogating Repair of the Host Genome. PLoS Pathogens, 2012, 8, e1003038.	4.7	24
61	Antitumor effects induced by dendritic cell-based immunotherapy against established pancreatic cancer in hamsters. Cancer Letters, 2002, 184, 37-47.	7.2	23
62	WR-2721, Its Derivatives and Their Radioprotective Effects on Mammalian Cells in Culture. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1983, 44, 41-53.	1.0	22
63	In situ (6-4)photoproduct determination by laser cytometry and autoradiography. Mutation Research DNA Repair, 1990, 236, 99-105.	3.7	22
64	DNA repair deficiencies associated with mutations in genes encoding subunits of transcription initiation factor TFIIH in yeast. Nucleic Acids Research, 1996, 24, 1540-1546.	14.5	22
65	Mutation spectrum in UVB-exposed skin epidermis ofXpa-knockout mice: Frequent recovery of triplet mutations. Environmental and Molecular Mutagenesis, 2007, 48, 1-13.	2.2	22
66	Protective effect of TiO2 particles on UV light induced pyrimidine dimer formation. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 141, 225-230.	3.9	21
67	Functional acclimation to solar UV-B radiation in Gunnera magellanica , a native plant species of southernmost Patagonia. Plant, Cell and Environment, 2003, 26, 2027-2036.	5.7	21
68	The Greater Lethality of UVB Radiation to Cultured Human Cells is Associated with the Specific Activation of a DNA Damage-Independent Signaling Pathway. Radiation Research, 2007, 167, 655-662.	1.5	21
69	Mutations of Lysophosphatidic Acid Receptor Genes in Human Osteosarcoma Cells. Pathobiology, 2010, 77, 278-282.	3.8	21
70	Influences of p53 deficiency on the apoptotic response, DNA damage removal and mutagenesis in UVB-exposed mouse skin. Mutagenesis, 2010, 25, 397-405.	2.6	20
71	Quantitative analysis of UV photolesions suggests that cyclobutane pyrimidine dimers produced in mouse skin by UVB are more mutagenic than those produced by UVC. Photochemical and Photobiological Sciences, 2018, 17, 404-413.	2.9	20
72	Complete restoration of normal DNA repair characteristics in group F xeroderma pigmentosum cells by over-expression of transfected XPF cDNA. Carcinogenesis, 1998, 19, 55-60.	2.8	18

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73	Characterization of three cloned cell lines from aN-nitrosobis(2-hydroxypropyl)amine-induced transplantable hamster pancreatic ductal adenocarcinoma. International Journal of Gastrointestinal Cancer, 1994, 16, 171-177.	0.4	17
74	Japanese triplets with cerebrotendinous xanthomatosis are homozygous for a mutant gene coding for the sterol 27-hydroxylase (Arg441Trp). Neurology, 1996, 46, 571-574.	1.1	17
75	Human DDB2 splicing variants are dominant negative inhibitors of UV-damaged DNA repair. Biochemical and Biophysical Research Communications, 2004, 314, 1036-1043.	2.1	17
76	A Reliable Method for Intratracheal Instillation of Materials to the Entire Lung in Rats. Journal of Toxicologic Pathology, 2006, 19, 107-109.	0.7	17
77	Proteolytic fragmentation and sugar chains of plasma ADAMTS13 purified by a conformation-dependent monoclonal antibody. Journal of Biochemistry, 2010, 148, 403-11.	1.7	17
78	The development of a filter to enhance the efficacy and safety of excimer light (308â€ƒnm) therapy. Photodermatology Photoimmunology and Photomedicine, 2009, 25, 30-36.	1.5	16
79	Quantitative detection of 4-hydroxyequilenin-DNA adducts in mammalian cells using an immunoassay with a novel monoclonal antibody. Nucleic Acids Research, 2010, 38, e133-e133.	14.5	16
80	Frequent recovery of triplet mutations in UVB-exposed skin epidermis of Xpc-knockout mice. DNA Repair, 2007, 6, 82-93.	2.8	14
81	Wavelengthâ€•and Tissueâ€dependent Variations in the Mutagenicity of Cyclobutane Pyrimidine Dimers in Mouse Skin. Photochemistry and Photobiology, 2020, 96, 94-104.	2.5	14
82	Heterogeneous pattern of gene expression in cloned cell lines established from a rat transplantable osteosarcoma lung metastatic nodule. Cancer Letters, 1998, 127, 221-228.	7.2	13
83	3-Amino-1, 4-dimethyl-5H-pyrido(4,3-b)indole (Trp-P-1) Sensitizes Mammalian Cells to UV Radiation by Causing The S-Phase Arrest, Not by Inhibiting The Repair of DNA Damage as Observed in Escherichia coli.. Journal of Radiation Research, 1998, 39, 21-33.	1.6	13
84	3-Amino-1, 4-dimethyl-5H-pyrido[4, 3-b]indole (Trp-P-1) inhibits the binding activity of T4 endonuclease V to UV-damaged DNA. Carcinogenesis, 1996, 17, 1279-1283.	2.8	12
85	Quantitative and in situ Detection of Oxidatively Generated <scp>DNA</scp> Damage 8,5â€²â€Cycloâ€2â€²â€Deoxyadenosine Using an Immunoassay with a Novel Monoclonal Antibody. Photochemistry and Photobiology, 2014, 90, 829-836.	2.5	12
86	A xeroderma pigmentosum complementation group A related gene: confirmation using monoclonal antibodies against the cyclobutane dimer and (6-4) photoproduct. Mutation Research DNA Repair, 1993, 293, 143-150.	3.7	11
87	PREFERENTIAL INHIBITION OF NUCLEOSOME ASSEMBLY BY ULTRAVIOLETâ€INDUCED (6â€4)PHOTOPRODUCTS. Photochemistry and Photobiology, 1995, 61, 459-462.	2.5	11
88	Disturbance of the Cell Cycle with Colchicine Enhances the Growth Advantage of Diethylnitrosamine-initiated Hepatocytes in Rats. Japanese Journal of Cancer Research, 1996, 87, 5-9.	1.7	11
89	Expression of thep16INK4a gene and methylation pattern of CpG sites in the promoter region in rat tumor cell lines. Molecular Carcinogenesis, 2004, 39, 10-14.	2.7	11
90	Short half-lives of ataxia-associated aprataxin proteins in neuronal cells. Neuroscience Letters, 2007, 419, 184-187.	2.1	10

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91	Comparative study of nucleotide excision repair defects between XPD-mutated fibroblasts derived from trichothiodystrophy and xeroderma pigmentosum patients. DNA Repair, 2008, 7, 1990-1998.	2.8	10
92	In Vivo Spectrum of <scp>UVC</scp>â€induced Mutation in Mouse Skin Epidermis May Reflect the Cytosine Deamination Propensity of Cyclobutane Pyrimidine Dimers. Photochemistry and Photobiology, 2015, 91, 1488-1496.	2.5	10
93	3-Amino-1, 4-dimethyl-5H-pyrido[4,3-b]indole (Trp-P-1) inhibits the removal of both cyclobutane dimers and (6â€“4) photoproducts from the DNA of ultraviolet-irradiated E. coli. Carcinogenesis, 1993, 14, 1475-1478.	2.8	9
94	Damaged DNA-binding protein 2 accelerates UV-damaged DNA repair in human corneal endothelium. Experimental Eye Research, 2004, 79, 367-376.	2.6	9
95	Delay of Gap Filling during Nucleotide Excision Repair by Base Excision Repair: The Concept of Competition Exemplified by the Effect of Propolis. Toxicological Sciences, 2011, 122, 339-348.	3.1	9
96	Differential Effect of UV-B and UV-C on DNA Damage in L-132 Cells.. Biological and Pharmaceutical Bulletin, 1996, 19, 721-725.	1.4	8
97	Reduced expression of INK4a/ARF genes in stem-like sphere cells from rat sarcomas. Biochemical and Biophysical Research Communications, 2007, 362, 773-778.	2.1	8
98	Comparison of Gene Expression Profiling in Sarcomas and Mesenchymal Stem Cells Identifies Tumorigenic Pathways in Chemically Induced Rat Sarcoma Model. ISRN Oncology, 2012, 2012, 1-8.	2.1	8
99	Urinary FSP1 Is a Biomarker of Crescentic GN. Journal of the American Society of Nephrology: JASN, 2012, 23, 209-214.	6.1	8
100	Cyclosporin A, but not everolimus, inhibits DNA repair in human fibroblasts and lymphoblasts. International Journal of Clinical Pharmacology and Therapeutics, 2009, 47, 38-40.	0.6	8
101	Non-enzymatic glycosylation of mouse monoclonal antibody reduces its binding activity to antigen. Clinica Chimica Acta, 1993, 220, 119-121.	1.1	7
102	Tobacco plants expressing T4 endonuclease V show enhanced sensitivity to ultraviolet light and DNA alkylating agents. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 351, 19-31.	1.0	7
103	Infrequent Mutation of Lysophosphatidic Acid Receptor-1 Gene in Hamster Pancreatic Duct Adenocarcinomas and Established Cell Lines. Journal of Toxicologic Pathology, 2009, 22, 89-92.	0.7	7
104	A comparison of the propensity for gene amplification between near-tetraploid and near-diploid V79 clones resistant to 150 nM methotrexate. Carcinogenesis, 1996, 17, 389-394.	2.8	6
105	DNA Repair Effect of Traditional Sweet PepperFushimi-togarashi: Seen in Suppression of UV-induced Cyclobutane Pyrimidine Dimer in Human Fibroblast. Bioscience, Biotechnology and Biochemistry, 2000, 64, 2575-2580.	1.3	6
106	Fully functional global genome repair of (6-4) photoproducts and compromised transcription-coupled repair of cyclobutane pyrimidine dimers in condensed mitotic chromatin. Experimental Cell Research, 2012, 318, 623-631.	2.6	6
107	Diel Cycles of DNA Damage and Repair in Eggs and Larvae of Northern Anchovy, Engraulis mordax, Exposed to Solar Ultraviolet Radiation. Photochemistry and Photobiology, 1999, 69, 27.	2.5	6
108	Analyses of Radioprotective Action and Cytotoxicity of Various Sulfhydryl Compounds in Cultured Mouse L Cells. Journal of Radiation Research, 1975, 16, 162-172.	1.6	5

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109	Comparative Studies on Protective Effect of Various Sulfhydryl Compounds Against Cell Death and DNA Strand Breaks Induced by X-Rays in Cultured Mouse L Cells. Journal of Radiation Research, 1978, 19, 319-335.	1.6	5
110	Hydrogen peroxide is critical for UV-induced apoptosis inhibition. Redox Report, 2006, 11, 53-60.	4.5	5
111	VISUALIZATION OF ULTRAVIOLET LIGHT-INDUCED THYMINE DIMERS IN DNA BY IMMUNOELECTRON MICROSCOPY. Photochemistry and Photobiology, 1993, 57, 752-754.	2.5	4
112			