Yue Zou

List of Publications by Year
in descending order

67 papers	3,005 citations	136950 32 h-index	168389 53 g-index
69 all docs	69 docs citations	69 times ranked	3258 citing authors

#	Article	IF	Citations
1	Functions of human replication protein A (RPA): From DNA replication to DNA damage and stress responses. Journal of Cellular Physiology, 2006, 208, 267-273.	4.1	319
2	DNA damage responses in progeroid syndromes arise from defective maturation of prelamin A. Journal of Cell Science, 2006, 119, 4644-4649.	2.0	209
3	Involvement of xeroderma pigmentosum group A (XPA) in progeria arising from defective maturation of prelamin A. FASEB Journal, 2008, 22, 603-611.	0.5	101
4	Interaction and colocalization of Rad9/Rad1/Hus1 checkpoint complex with replication protein A in human cells. Oncogene, 2005, 24, 4728-4735.	5.9	100
5	Genomic instability and DNA damage responses in progeria arising from defective maturation of prelamin A. Aging, 2009, 1, 28-37.	3.1	99
6	Incision of DNA-protein crosslinks by UvrABC nuclease suggests a potential repair pathway involving nucleotide excision repair. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1905-1909.	7.1	94
7	Interaction of the UvrABC Nuclease System with a DNA Duplex Containing a Single Stereoisomer of dG-(+)- or dG-(-)-anti-BPDE. Biochemistry, 1995, 34, 13582-13593.	2.5	82
8	Phosphorylation of Nucleotide Excision Repair Factor Xeroderma Pigmentosum Group A by Ataxia Telangiectasia Mutated and Rad3-Relatedâ€“Dependent Checkpoint Pathway Promotes Cell Survival in Response to UV Irradiation. Cancer Research, 2006, 66, 2997-3005.	0.9	82
9	Sequence Specificity of DNA-DNA Interstrand Cross-Link Formation by Cisplatin and Dinuclear Platinum Complexes. Biochemistry, 1994, 33, 5404-5410.	2.5	79
10	Binding of the human nucleotide excision repair proteins XPA and XPC/HR23B to the 5 R -thymine glycol lesion and structure of the cis -(5 R ,6 S) thymine glycol epimer in the 5â€²-GTgG-3â€² sequence: destabilization of two base pairs at the lesion site. Nucleic Acids Research, 2010, 38, 428-440.	14.5	73
11	ATR Plays a Direct Antiapoptotic Role at Mitochondria, which Is Regulated by Prolyl Isomerase Pin1. Molecular Cell, 2015, 60, 35-46.	9.7	71
12	Checkpoint Kinase ATR Promotes Nucleotide Excision Repair of UV-induced DNA Damage via Physical Interaction with Xeroderma Pigmentosum Group A. Journal of Biological Chemistry, 2009, 284, 24213-24222.	3.4	69
13	Preferential localization of hyperphosphorylated replication protein A to double-strand break repair and checkpoint complexes upon DNA damage. Biochemical Journal, 2005, 391, 473-480.	3.7	67
14	Formation of DNA Repair Intermediates and Incision by the ATP-dependent UvrB-UvrC Endonuclease. Journal of Biological Chemistry, 1997, 272, 4820-4827.	3.4	65
15	FASN regulates cellular response to genotoxic treatments by increasing PARP-1 expression and DNA repair activity via NF-ÎºB and SP1. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6965-E6973.	7.1	65
16	Specific and Efficient Binding of Xeroderma Pigmentosum Complementation Group A to Double-Strand/Single-Strand DNA Junctions with 3â€˜- and/or 5â€˜-ssDNA Branchesâ€. Biochemistry, 2006, 45, 15921-15930.	2.5	63
17	Dimerization of Human XPA and Formation of XPA2â˜’RPA Protein Complex. Biochemistry, 2002, 41, 13012-13020.	2.5	62
18	Involvement of Molecular Chaperonins in Nucleotide Excision Repair. Journal of Biological Chemistry, 1998, 273, 12887-12892.	3.4	60

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19	DNA-damage accumulation and replicative arrest in Hutchinsonâ€“Gilford progeria syndrome. Biochemical Society Transactions, 2011, 39, 1764-1769.	3.4	60
20	Modulation of Replication Protein A Function by Its Hyperphosphorylation-induced Conformational Change Involving DNA Binding Domain B. Journal of Biological Chemistry, 2005, 280, 32775-32783.	3.4	55
21	Involvement of the Nucleotide Excision Repair Protein UvrA in Instability of CAGÂ·CTG Repeat Sequences in Escherichia coli. Journal of Biological Chemistry, 2001, 276, 30878-30884.	3.4	51
22	Hierarchy of DNA Damage Recognition inEscherichiacoliNucleotide Excision Repairâ€. Biochemistry, 2001, 40, 2923-2931.	2.5	49
23	Effects of DNA Adduct Structure and Sequence Context on Strand Opening of Repair Intermediates and Incision by UvrABC Nucleaseâ€. Biochemistry, 2003, 42, 12654-12661.	2.5	45
24	Recognition and Incision of Î³-Radiation-Induced Cross-Linked Guanineâ^'Thymine Tandem Lesion G[8,5-Me]T by UvrABC Nuclease. Chemical Research in Toxicology, 2005, 18, 1339-1346.	3.3	45
25	Unusual sequence effects on nucleotide excision repair of arylamine lesions: DNA bending/distortion as a primary recognition factor. Nucleic Acids Research, 2013, 41, 869-880.	14.5	45
26	Recognition and Incision of Oxidative Intrastrand Cross-Link Lesions by UvrABC Nuclease. Biochemistry, 2006, 45, 10739-10746.	2.5	44
27	Mass Spectrometric Identification of Lysines Involved in the Interaction of Human Replication Protein A with Single-Stranded DNAâ€. Biochemistry, 2005, 44, 971-978.	2.5	42
28	Progerin sequestration of PCNA promotes replication fork collapse and mislocalization of XPA in laminopathyâ€related progeroid syndromes. FASEB Journal, 2017, 31, 3882-3893.	0.5	41
29	Sequence Context- and Temperature-Dependent Nucleotide Excision Repair of a Benzo[a]pyrene Diol Epoxide-Guanine DNA Adduct Catalyzed by Thermophilic UvrABC Proteinsâ€. Biochemistry, 2007, 46, 7006-7015.	2.5	37
30	Conformational and thermodynamic properties modulate the nucleotide excision repair of 2-aminofluorene and 2-acetylaminofluorene dG adducts in the NarI sequence. Nucleic Acids Research, 2012, 40, 3939-3951.	14.5	36
31	Spectroscopic and Theoretical Insights into Sequence Effects of Aminofluorene-Induced Conformational Heterogeneity and Nucleotide Excision Repair,. Biochemistry, 2007, 46, 11263-11278.	2.5	35
32	Cooperative Interaction of Human XPA Stabilizes and Enhances Specific Binding of XPA to DNA Damageâ€. Biochemistry, 2005, 44, 7361-7368.	2.5	33
33	Structural Characterization of Human RPA Sequential Binding to Single-Stranded DNA Using ssDNA as a Molecular Ruler. Biochemistry, 2007, 46, 8226-8233.	2.5	32
34	Hydrophobic forces dominate the thermodynamic characteristics of UvrA-DNA damage interactions. Journal of Molecular Biology, 1998, 281, 107-119.	4.2	29
35	Interactions of human replication protein A with single-stranded DNA adducts. Biochemical Journal, 2005, 385, 519-526.	3.7	29
36	XPA-Mediated Regulation of Global Nucleotide Excision Repair by ATR Is p53-Dependent and Occurs Primarily in S-Phase. PLoS ONE, 2011, 6, e28326.	2.5	29

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37	UV-Induced Nuclear Import of XPA Is Mediated by Importin-Î±4 in An ATR-Dependent Manner. PLoS ONE, 2013, 8, e68297.	2.5	29
38	ATM Deficiency Accelerates DNA Damage, Telomere Erosion, and Premature T Cell Aging in HIV-Infected Individuals on Antiretroviral Therapy. Frontiers in Immunology, 2019, 10, 2531.	4.8	27
39	Topological DNA damage, telomere attrition and T cell senescence during chronic viral infections. Immunity and Ageing, 2019, 16, 12.	4.2	26
40	Disruption of Telomere Integrity and DNA Repair Machineries by KML001 Induces T Cell Senescence, Apoptosis, and Cellular Dysfunctions. Frontiers in Immunology, 2019, 10, 1152.	4.8	26
41	Differential Incision of Bulky Carcinogenâ^'DNA Adducts by the UvrABC Nuclease:â€‰ Comparison of Incision Rates and the Interactions of Uvr Subunits with Lesions of Different Structures. Biochemistry, 2000, 39, 12252-12261.	2.5	25
42	DNA Damage Recognition of Mutated Forms of UvrB Proteins in Nucleotide Excision Repair. Biochemistry, 2004, 43, 4196-4205.	2.5	24
43	Replication factor C1, the large subunit of replication factor C, is proteolytically truncated in Hutchinsonâ€“Gilford progeria syndrome. Aging Cell, 2012, 11, 363-365.	6.7	23
44	Conformation-Specific Recognition of Carcinogenâ^'DNA Adduct inEscherichia coliNucleotide Excision Repair. Chemical Research in Toxicology, 2007, 20, 6-10.	3.3	22
45	Xeroderma Pigmentosa Group A (XPA), Nucleotide Excision Repair and Regulation by ATR in Response to Ultraviolet Irradiation. Advances in Experimental Medicine and Biology, 2017, 996, 41-54.	1.6	22
46	A new structural insight into XPAâ€“DNA interactions. Bioscience Reports, 2014, 34, e00162.	2.4	21
47	Intrastrand DNA Cross-Links as Tools for Studying DNA Replication and Repair:â€‰ Two-, Three-, and Four-Carbon Tethers between the N2 Positions of Adjacent Guanines. Biochemistry, 2002, 41, 3109-3118.	2.5	19
48	Redoxâ€dependent formation of disulfide bonds in human replication protein A. Rapid Communications in Mass Spectrometry, 2007, 21, 2743-2749.	1.5	19
49	Differential DNA damage responses in p53 proficient and deficient cells: cisplatin-induced nuclear import of XPA is independent of ATR checkpoint in p53-deficient lung cancer cells. International Journal of Biochemistry and Molecular Biology, 2011, 2, 138-145.	0.1	17
50	Other Proteins Interacting with XP Proteins. Advances in Experimental Medicine and Biology, 2008, 637, 103-112.	1.6	16
51	Phosphorylation-Dependent Pin1 Isomerization of ATR: Its Role in Regulating ATRâ€™s Anti-apoptotic Function at Mitochondria, and the Implications in Cancer. Frontiers in Cell and Developmental Biology, 2020, 8, 281.	3.7	15
52	Effects of DSP4 on the Noradrenergic Phenotypes and Its Potential Molecular Mechanisms in SH-SY5Y Cells. Neurotoxicity Research, 2014, 25, 193-207.	2.7	14
53	Structural and Thermodynamic Insight into Escherichia coli UvrABC-Mediated Incision of Cluster Diacetylaminofluorene Adducts on the NarI Sequence. Chemical Research in Toxicology, 2013, 26, 1251-1262.	3.3	12
54	Dissociation Dynamics of XPC-RAD23B from Damaged DNA Is a Determining Factor of NER Efficiency. PLoS ONE, 2016, 11, e0157784.	2.5	10

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55	XPA is primarily cytoplasmic but is transported into the nucleus upon UV damage in a cell cycle dependent manner. DNA Repair, 2017, 60, 50-51.	2.8	8
56	PP2A Regulates Phosphorylation-Dependent Isomerization of Cytoplasmic and Mitochondrial-Associated ATR by Pin1 in DNA Damage Responses. Frontiers in Cell and Developmental Biology, 2020, 8, 813.	3.7	8
57	Neurotoxin-Induced DNA Damage is Persistent in SH-SY5Y Cells and LC Neurons. Neurotoxicity Research, 2015, 27, 368-383.	2.7	7
58	Molecular Evidence of the Involvement of the Nucleotide Excision Repair (NER) System in the Repair of the Mono(ADP-Ribosyl)ated DNA Adduct Produced by Pierisin-1, an Apoptosis-Inducing Protein from the Cabbage Butterfly. Chemical Research in Toxicology, 2007, 20, 694-700.	3.3	6
59	Thermodynamic Characterization of the Interaction of Mutant UvrB Protein with Damaged DNA. Biochemistry, 2004, 43, 4206-4211.	2.5	5
60	Replicationâ€mediated disassociation of replication protein Aâ€”XPA complex upon DNA damage: implications for RPA handing off. Cell Biology International, 2012, 36, 713-720.	3.0	5
61	Prolyl Isomerization-Mediated Conformational Changes Define ATR Subcellular Compartment-Specific Functions. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	5
62	A novel thyroid hormone receptor isoform, TRÎ²2-46, promotes SKP2 expression and retinoblastoma cell proliferation. Journal of Biological Chemistry, 2019, 294, 2961-5929.	3.4	4
63	ATR prevents Ca 2+ overloadâ€induced necrotic cell death through phosphorylationâ€mediated inactivation of PARP1 without DNA damage signaling. FASEB Journal, 2021, 35, e21373.	0.5	4
64	DNA Damage: Cellular Responses, Repair, and Cancer Treatment. Current Human Cell Research and Applications, 2018, , 99-127.	0.1	1
65	Reprint of: XPA is primarily cytoplasmic but is transported into the nucleus upon UV damage in a cell cycle dependent manner. DNA Repair, 2018, 62, 28-29.	2.8	1
66	New Insights into the Roles of XPA and RPA in DNA Repair and Damage Responses. Current Chemical Biology, 2007, 1, 151-160.	0.5	0
67	Structural Consequences of Epimerization of Thymine Glycol Lesions in Duplex DNA: Implications for DNA Repair. ACS Symposium Series, 2010, , 11-28.	0.5	0