

Yue Zou

List of Publications by Year in descending order

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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	ATR prevents Ca ²⁺ overload-induced necrotic cell death through phosphorylation-mediated inactivation of PARP1 without DNA damage signaling. <i>FASEB Journal</i> , 2021, 35, e21373.	0.5	4
2	PP2A Regulates Phosphorylation-Dependent Isomerization of Cytoplasmic and Mitochondrial-Associated ATR by Pin1 in DNA Damage Responses. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 813.	3.7	8
3	Phosphorylation-Dependent Pin1 Isomerization of ATR: Its Role in Regulating ATR's Anti-apoptotic Function at Mitochondria, and the Implications in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 281.	3.7	15
4	Topological DNA damage, telomere attrition and T cell senescence during chronic viral infections. <i>Immunity and Ageing</i> , 2019, 16, 12.	4.2	26
5	Disruption of Telomere Integrity and DNA Repair Machineries by KML001 Induces T Cell Senescence, Apoptosis, and Cellular Dysfunctions. <i>Frontiers in Immunology</i> , 2019, 10, 1152.	4.8	26
6	ATM Deficiency Accelerates DNA Damage, Telomere Erosion, and Premature T Cell Aging in HIV-Infected Individuals on Antiretroviral Therapy. <i>Frontiers in Immunology</i> , 2019, 10, 2531.	4.8	27
7	A novel thyroid hormone receptor isoform, TR ²⁻⁴⁶ , promotes SKP2 expression and retinoblastoma cell proliferation. <i>Journal of Biological Chemistry</i> , 2019, 294, 2961-5929.	3.4	4
8	DNA Damage: Cellular Responses, Repair, and Cancer Treatment. <i>Current Human Cell Research and Applications</i> , 2018, , 99-127.	0.1	1
9	Reprint of: XPA is primarily cytoplasmic but is transported into the nucleus upon UV damage in a cell cycle dependent manner. <i>DNA Repair</i> , 2018, 62, 28-29.	2.8	1
10	Progerin sequestration of PCNA promotes replication fork collapse and mislocalization of XPA in laminopathy-related progeroid syndromes. <i>FASEB Journal</i> , 2017, 31, 3882-3893.	0.5	41
11	XPA is primarily cytoplasmic but is transported into the nucleus upon UV damage in a cell cycle dependent manner. <i>DNA Repair</i> , 2017, 60, 50-51.	2.8	8
12	Xeroderma Pigmentosa Group A (XPA), Nucleotide Excision Repair and Regulation by ATR in Response to Ultraviolet Irradiation. <i>Advances in Experimental Medicine and Biology</i> , 2017, 996, 41-54.	1.6	22
13	Dissociation Dynamics of XPC-RAD23B from Damaged DNA Is a Determining Factor of NER Efficiency. <i>PLoS ONE</i> , 2016, 11, e0157784.	2.5	10
14	FASN regulates cellular response to genotoxic treatments by increasing PARP-1 expression and DNA repair activity via NF- κ B and SP1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6965-E6973.	7.1	65
15	Neurotoxin-Induced DNA Damage is Persistent in SH-SY5Y Cells and LC Neurons. <i>Neurotoxicity Research</i> , 2015, 27, 368-383.	2.7	7
16	ATR Plays a Direct Antiapoptotic Role at Mitochondria, which Is Regulated by Prolyl Isomerase Pin1. <i>Molecular Cell</i> , 2015, 60, 35-46.	9.7	71
17	A new structural insight into XPA's DNA interactions. <i>Bioscience Reports</i> , 2014, 34, e00162.	2.4	21
18	Effects of DSP4 on the Noradrenergic Phenotypes and Its Potential Molecular Mechanisms in SH-SY5Y Cells. <i>Neurotoxicity Research</i> , 2014, 25, 193-207.	2.7	14

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19	Structural and Thermodynamic Insight into <i>Escherichia coli</i> UvrABC-Mediated Incision of Cluster Diacetylaminofluorene Adducts on the <i>NarI</i> Sequence. <i>Chemical Research in Toxicology</i> , 2013, 26, 1251-1262.	3.3	12
20	Unusual sequence effects on nucleotide excision repair of arylamine lesions: DNA bending/distortion as a primary recognition factor. <i>Nucleic Acids Research</i> , 2013, 41, 869-880.	14.5	45
21	UV-Induced Nuclear Import of XPA Is Mediated by Importin- β 4 in An ATR-Dependent Manner. <i>PLoS ONE</i> , 2013, 8, e68297.	2.5	29
22	Conformational and thermodynamic properties modulate the nucleotide excision repair of 2-aminofluorene and 2-acetylaminofluorene dG adducts in the <i>NarI</i> sequence. <i>Nucleic Acids Research</i> , 2012, 40, 3939-3951.	14.5	36
23	Replication factor C1, the large subunit of replication factor C, is proteolytically truncated in Hutchinson- β Gilford progeria syndrome. <i>Aging Cell</i> , 2012, 11, 363-365.	6.7	23
24	Replication-mediated disassociation of replication protein A-XPA complex upon DNA damage: implications for RPA handing off. <i>Cell Biology International</i> , 2012, 36, 713-720.	3.0	5
25	DNA-damage accumulation and replicative arrest in Hutchinson- β Gilford progeria syndrome. <i>Biochemical Society Transactions</i> , 2011, 39, 1764-1769.	3.4	60
26	XPA-Mediated Regulation of Global Nucleotide Excision Repair by ATR Is p53-Dependent and Occurs Primarily in S-Phase. <i>PLoS ONE</i> , 2011, 6, e28326.	2.5	29
27	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. <i>International Journal of Biochemistry and Molecular Biology</i> , 2011, 2, 138-145.	0.1	17
28	Structural Consequences of Epimerization of Thymine Glycol Lesions in Duplex DNA: Implications for DNA Repair. <i>ACS Symposium Series</i> , 2010, , 11-28.	0.5	0
29	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 5 β -CTgG-3 β sequence: destabilization of two base pairs at the lesion site. <i>Nucleic Acids Research</i> , 2010, 38, 428-440.	14.5	73
30	Checkpoint Kinase ATR Promotes Nucleotide Excision Repair of UV-induced DNA Damage via Physical Interaction with Xeroderma Pigmentosum Group A. <i>Journal of Biological Chemistry</i> , 2009, 284, 24213-24222.	3.4	69
31	Genomic instability and DNA damage responses in progeria arising from defective maturation of prelamin A. <i>Aging</i> , 2009, 1, 28-37.	3.1	99
32	Involvement of xeroderma pigmentosum group A (XPA) in progeria arising from defective maturation of prelamin A. <i>FASEB Journal</i> , 2008, 22, 603-611.	0.5	101
33	Other Proteins Interacting with XP Proteins. <i>Advances in Experimental Medicine and Biology</i> , 2008, 637, 103-112.	1.6	16
34	New Insights into the Roles of XPA and RPA in DNA Repair and Damage Responses. <i>Current Chemical Biology</i> , 2007, 1, 151-160.	0.5	0
35	Conformation-Specific Recognition of Carcinogen β DNA Adduct in <i>Escherichia coli</i> Nucleotide Excision Repair. <i>Chemical Research in Toxicology</i> , 2007, 20, 6-10.	3.3	22
36	Sequence Context- and Temperature-Dependent Nucleotide Excision Repair of a Benzo[a]pyrene Diol Epoxide-Guanine DNA Adduct Catalyzed by Thermophilic UvrABC Proteins. <i>Biochemistry</i> , 2007, 46, 7006-7015.	2.5	37

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37	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. <i>Chemical Research in Toxicology</i> , 2007, 20, 694-700.	3.3	6
38	Structural Characterization of Human RPA Sequential Binding to Single-Stranded DNA Using ssDNA as a Molecular Ruler. <i>Biochemistry</i> , 2007, 46, 8226-8233.	2.5	32
39	Spectroscopic and Theoretical Insights into Sequence Effects of Aminofluorene-Induced Conformational Heterogeneity and Nucleotide Excision Repair. <i>Biochemistry</i> , 2007, 46, 11263-11278.	2.5	35
40	Redox-dependent formation of disulfide bonds in human replication protein A. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2743-2749.	1.5	19
41	Specific and Efficient Binding of Xeroderma Pigmentosum Complementation Group A to Double-Strand/Single-Strand DNA Junctions with 3'- and/or 5'-ssDNA Branches. <i>Biochemistry</i> , 2006, 45, 15921-15930.	2.5	63
42	Recognition and Incision of Oxidative Intrastrand Cross-Link Lesions by UvrABC Nuclease. <i>Biochemistry</i> , 2006, 45, 10739-10746.	2.5	44
43	Functions of human replication protein A (RPA): From DNA replication to DNA damage and stress responses. <i>Journal of Cellular Physiology</i> , 2006, 208, 267-273.	4.1	319
44	Phosphorylation of Nucleotide Excision Repair Factor Xeroderma Pigmentosum Group A by Ataxia Telangiectasia Mutated and Rad3-Related-dependent Checkpoint Pathway Promotes Cell Survival in Response to UV Irradiation. <i>Cancer Research</i> , 2006, 66, 2997-3005.	0.9	82
45	DNA damage responses in progeroid syndromes arise from defective maturation of prelamin A. <i>Journal of Cell Science</i> , 2006, 119, 4644-4649.	2.0	209
46	Interactions of human replication protein A with single-stranded DNA adducts. <i>Biochemical Journal</i> , 2005, 385, 519-526.	3.7	29
47	Preferential localization of hyperphosphorylated replication protein A to double-strand break repair and checkpoint complexes upon DNA damage. <i>Biochemical Journal</i> , 2005, 391, 473-480.	3.7	67
48	Interaction and colocalization of Rad9/Rad1/Hus1 checkpoint complex with replication protein A in human cells. <i>Oncogene</i> , 2005, 24, 4728-4735.	5.9	100
49	Modulation of Replication Protein A Function by Its Hyperphosphorylation-induced Conformational Change Involving DNA Binding Domain B. <i>Journal of Biological Chemistry</i> , 2005, 280, 32775-32783.	3.4	55
50	Recognition and Incision of $\hat{\text{I}}^3$ -Radiation-Induced Cross-Linked Guanine-Thymine Tandem Lesion G[8,5-Me]T by UvrABC Nuclease. <i>Chemical Research in Toxicology</i> , 2005, 18, 1339-1346.	3.3	45
51	Mass Spectrometric Identification of Lysines Involved in the Interaction of Human Replication Protein A with Single-Stranded DNA. <i>Biochemistry</i> , 2005, 44, 971-978.	2.5	42
52	Cooperative Interaction of Human XPA Stabilizes and Enhances Specific Binding of XPA to DNA Damage. <i>Biochemistry</i> , 2005, 44, 7361-7368.	2.5	33
53	DNA Damage Recognition of Mutated Forms of UvrB Proteins in Nucleotide Excision Repair. <i>Biochemistry</i> , 2004, 43, 4196-4205.	2.5	24
54	Thermodynamic Characterization of the Interaction of Mutant UvrB Protein with Damaged DNA. <i>Biochemistry</i> , 2004, 43, 4206-4211.	2.5	5

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55	Effects of DNA Adduct Structure and Sequence Context on Strand Opening of Repair Intermediates and Incision by UvrABC Nuclease. <i>Biochemistry</i> , 2003, 42, 12654-12661.	2.5	45
56	Incision of DNA-protein crosslinks by UvrABC nuclease suggests a potential repair pathway involving nucleotide excision repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1905-1909.	7.1	94
57	Intrastrand DNA Cross-Links as Tools for Studying DNA Replication and Repair: Two-, Three-, and Four-Carbon Tethers between the N2 Positions of Adjacent Guanines. <i>Biochemistry</i> , 2002, 41, 3109-3118.	2.5	19
58	Dimerization of Human XPA and Formation of XPA α -RPA Protein Complex. <i>Biochemistry</i> , 2002, 41, 13012-13020.	2.5	62
59	Hierarchy of DNA Damage Recognition in <i>Escherichia coli</i> Nucleotide Excision Repair. <i>Biochemistry</i> , 2001, 40, 2923-2931.	2.5	49
60	Involvement of the Nucleotide Excision Repair Protein UvrA in Instability of CAG \cdot CTG Repeat Sequences in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 30878-30884.	3.4	51
61	Differential Incision of Bulky Carcinogen \cdot DNA Adducts by the UvrABC Nuclease: Comparison of Incision Rates and the Interactions of Uvr Subunits with Lesions of Different Structures. <i>Biochemistry</i> , 2000, 39, 12252-12261.	2.5	25
62	Hydrophobic forces dominate the thermodynamic characteristics of UvrA-DNA damage interactions. <i>Journal of Molecular Biology</i> , 1998, 281, 107-119.	4.2	29
63	Involvement of Molecular Chaperonins in Nucleotide Excision Repair. <i>Journal of Biological Chemistry</i> , 1998, 273, 12887-12892.	3.4	60
64	Formation of DNA Repair Intermediates and Incision by the ATP-dependent UvrB-UvrC Endonuclease. <i>Journal of Biological Chemistry</i> , 1997, 272, 4820-4827.	3.4	65
65	Interaction of the UvrABC Nuclease System with a DNA Duplex Containing a Single Stereoisomer of dG-(+)- or dG-(-)-anti-BPDE. <i>Biochemistry</i> , 1995, 34, 13582-13593.	2.5	82
66	Sequence Specificity of DNA-DNA Interstrand Cross-Link Formation by Cisplatin and Dinuclear Platinum Complexes. <i>Biochemistry</i> , 1994, 33, 5404-5410.	2.5	79
67	Prolyl Isomerization-Mediated Conformational Changes Define ATR Subcellular Compartment-Specific Functions. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	5