

Jinchuan Hu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,321
citations

471509

17
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1226
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide analysis of human global and transcription-coupled excision repair of UV damage at single-nucleotide resolution. <i>Genes and Development</i> , 2015, 29, 948-960.	5.9	215
2	Cisplatin DNA damage and repair maps of the human genome at single-nucleotide resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11507-11512.	7.1	149
3	Genome-wide kinetics of DNA excision repair in relation to chromatin state and mutagenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2124-33.	7.1	146
4	Dynamic maps of UV damage formation and repair for the human genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6758-6763.	7.1	131
5	Nucleotide Excision Repair in Human Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 20918-20926.	3.4	88
6	Human genome-wide repair map of DNA damage caused by the cigarette smoke carcinogen benzo[a]pyrene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6752-6757.	7.1	76
7	Genome-wide transcription-coupled repair in <i>Escherichia coli</i> is mediated by the Mfd translocase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2116-E2125.	7.1	71
8	Cisplatin-DNA adduct repair of transcribed genes is controlled by two circadian programs in mouse tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4777-E4785.	7.1	65
9	Molecular mechanisms and genomic maps of DNA excision repair in <i>Escherichia coli</i> and humans. <i>Journal of Biological Chemistry</i> , 2017, 292, 15588-15597.	3.4	64
10	Genome-wide mapping of nucleotide excision repair with XR-seq. <i>Nature Protocols</i> , 2019, 14, 248-282.	12.0	48
11	RNA polymerase II is released from the DNA template during transcription-coupled repair in mammalian cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 2476-2486.	3.4	47
12	Highly specific and sensitive method for measuring nucleotide excision repair kinetics of ultraviolet photoproducts in human cells. <i>Nucleic Acids Research</i> , 2014, 42, e29-e29.	14.5	41
13	DNA Repair Synthesis and Ligation Affect the Processing of Excised Oligonucleotides Generated by Human Nucleotide Excision Repair. <i>Journal of Biological Chemistry</i> , 2014, 289, 26574-26583.	3.4	33
14	Nucleotide excision repair by dual incisions in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4706-4710.	7.1	33
15	The Cartography of UV-induced DNA Damage Formation and DNA Repair. <i>Photochemistry and Photobiology</i> , 2017, 93, 199-206.	2.5	26
16	Genome-wide analysis of 8-oxo-7,8-dihydro-2'-deoxyguanosine at single-nucleotide resolution unveils reduced occurrence of oxidative damage at G-quadruplex sites. <i>Nucleic Acids Research</i> , 2021, 49, 12252-12267.	14.5	23
17	PostExcision Events in Human Nucleotide Excision Repair. <i>Photochemistry and Photobiology</i> , 2017, 93, 178-191.	2.5	21
18	Single-nucleotide resolution analysis of nucleotide excision repair of ribosomal DNA in humans and mice. <i>Journal of Biological Chemistry</i> , 2019, 294, 210-217.	3.4	18

#	ARTICLE	IF	CITATIONS
19	Analysis of Ribonucleotide Removal from DNA by Human Nucleotide Excision Repair. Journal of Biological Chemistry, 2015, 290, 29801-29807.	3.4	16
20	UdgX-Mediated Uracil Sequencing at Single-Nucleotide Resolution. Journal of the American Chemical Society, 2022, 144, 1323-1331.	13.7	8
21	A new technique for genome-wide mapping of nucleotide excision repair without immunopurification of damaged DNA. Journal of Biological Chemistry, 2022, 298, 101863.	3.4	2