

Guliang Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/895692/publications.pdf>

Version: 2024-02-01

16
papers

1,128
citations

687363

13
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1382
citing authors

#	ARTICLE	IF	CITATIONS
1	Naturally occurring H-DNA-forming sequences are mutagenic in mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13448-13453.	7.1	168
2	DNA fragility in the parallel evolution of pelvic reduction in stickleback fish. Science, 2019, 363, 81-84.	12.6	162
3	Z-DNA-forming sequences generate large-scale deletions in mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2677-2682.	7.1	158
4	Impact of alternative DNA structures on DNA damage, DNA repair, and genetic instability. DNA Repair, 2014, 19, 143-151.	2.8	135
5	Short Inverted Repeats Are Hotspots for Genetic Instability: Relevance to Cancer Genomes. Cell Reports, 2015, 10, 1674-1680.	6.4	102
6	New Perspectives on DNA and RNA Triplexes As Effectors of Biological Activity. PLoS Genetics, 2015, 11, e1005696.	3.5	99
7	DNA Structure-induced Genomic Instability In Vivo. Journal of the National Cancer Institute, 2008, 100, 1815-1817.	6.3	78
8	Effects of Replication and Transcription on DNA Structure-Related Genetic Instability. Genes, 2017, 8, 17.	2.4	60
9	Distinct DNA repair pathways cause genomic instability at alternative DNA structures. Nature Communications, 2020, 11, 236.	12.8	41
10	Distinct Mechanisms of Nuclease-Directed DNA-Structure-Induced Genetic Instability in Cancer Genomes. Cell Reports, 2018, 22, 1200-1210.	6.4	36
11	Modulation of DNA structure formation using small molecules. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 118539.	4.1	32
12	The yin and yang of repair mechanisms in DNA structure-induced genetic instability. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2013, 743-744, 118-131.	1.0	22
13	Methods to detect replication-dependent and replication-independent DNA structure-induced genetic instability. Methods, 2013, 64, 67-72.	3.8	18
14	Z-DNA is remodelled by ZBTB43 in prospermatogonia to safeguard the germline genome and epigenome. Nature Cell Biology, 2022, 24, 1141-1153.	10.3	8
15	Distinct mechanisms of mutagenic processing of alternative DNA structures by repair proteins. Molecular and Cellular Oncology, 2020, 7, 1743807.	0.7	6
16	Detection of cis- and trans-acting Factors in DNA Structure-Induced Genetic Instability Using In silico and Cellular Approaches. Frontiers in Genetics, 2016, 7, 135.	2.3	3