

Timothy C Humphrey

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,187
citations

687220

13
h-index

677027

22
g-index

26
all docs

26
docs citations

26
times ranked

2429
citing authors

#	ARTICLE	IF	CITATIONS
1	The Challenge of Combining Chemo- and Radiotherapy with Checkpoint Kinase Inhibitors. <i>Clinical Cancer Research</i> , 2021, 27, 937-962.	3.2	18
2	Expression of the cancer-associated DNA polymerase ϵ P286R in fission yeast leads to translesion synthesis polymerase dependent hypermutation and defective DNA replication. <i>PLoS Genetics</i> , 2021, 17, e1009526.	1.5	8
3	Inhibition of WEE1 Is Effective in TP53- and RAS-Mutant Metastatic Colorectal Cancer: A Randomized Trial (FOCUS4-C) Comparing Adavosertib (AZD1775) With Active Monitoring. <i>Journal of Clinical Oncology</i> , 2021, 39, 3705-3715.	0.8	51
4	Homologous recombination repair intermediates promote efficient de novo telomere addition at DNA double-strand breaks. <i>Nucleic Acids Research</i> , 2020, 48, 1271-1284.	6.5	10
5	Misrepair in Context: TGF β 2 Regulation of DNA Repair. <i>Frontiers in Oncology</i> , 2019, 9, 799.	1.3	28
6	An essential role for dNTP homeostasis following CDK-induced replication stress. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	16
7	Analysis of DNA Metabolism in Fission Yeast. <i>Cold Spring Harbor Protocols</i> , 2018, 2018, pdb.top079863.	0.2	1
8	Using Pulsed-Field Gel Electrophoresis to Analyze <i>Schizosaccharomyces pombe</i> Chromosomes and Chromosomal Elements. <i>Cold Spring Harbor Protocols</i> , 2018, 2018, pdb.prot092023.	0.2	5
9	DNA Double-Strand Break Repair Assay. <i>Cold Spring Harbor Protocols</i> , 2018, 2018, pdb.prot092031.	0.2	5
10	Nucleoporin 54 contributes to homologous recombination repair and post-replicative DNA integrity. <i>Nucleic Acids Research</i> , 2018, 46, 7731-7746.	6.5	11
11	Set2 Methyltransferase Facilitates DNA Replication and Promotes Genotoxic Stress Responses through MBF-Dependent Transcription. <i>Cell Reports</i> , 2017, 20, 2693-2705.	2.9	26
12	MRC15-mediated tethering of PALB2 to unperturbed chromatin protects active genes from genotoxic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7671-7676.	3.3	45
13	A role for human homologous recombination factors in suppressing microhomology-mediated end joining. <i>Nucleic Acids Research</i> , 2016, 44, 5743-5757.	6.5	83
14	The spliceosome-associated protein Nrl1 suppresses homologous recombination-dependent R-loop formation in fission yeast. <i>Nucleic Acids Research</i> , 2016, 44, 1703-1717.	6.5	22
15	Use of the HPRT gene to study nuclease-induced DNA double-strand break repair. <i>Human Molecular Genetics</i> , 2015, 24, ddv409.	1.4	6
16	Inhibiting WEE1 Selectively Kills Histone H3K36me3-Deficient Cancers by dNTP Starvation. <i>Cancer Cell</i> , 2015, 28, 557-568.	7.7	244
17	Identifying new targets for cancer drug 5-fluorouracil. <i>Cell Cycle</i> , 2015, 14, 1353-1353.	1.3	3
18	SETD2-Dependent Histone H3K36 Trimethylation Is Required for Homologous Recombination Repair and Genome Stability. <i>Cell Reports</i> , 2014, 7, 2006-2018.	2.9	370

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19	The DNA damage checkpoint pathway promotes extensive resection and nucleotide synthesis to facilitate homologous recombination repair and genome stability in fission yeast. <i>Nucleic Acids Research</i> , 2014, 42, 5644-5656.	6.5	27
20	A histone H3K36 chromatin switch coordinates DNA double-strand break repair pathway choice. <i>Nature Communications</i> , 2014, 5, 4091.	5.8	134
21	SET-ting the stage for DNA repair. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 655-657.	3.6	25
22	Break-induced ATR and Ddb1-Cul4Cdt2 ubiquitin ligase-dependent nucleotide synthesis promotes homologous recombination repair in fission yeast. <i>Genes and Development</i> , 2010, 24, 2705-2716.	2.7	48