

Nasim Sabouri

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

1,007
citations

15
h-index

31
g-index

35
ext. papers

1,182
ext. citations

8.9
avg, IF

4.35
L-index

#	Paper	IF	Citations
30	Idling by DNA polymerase delta maintains a ligatable nick during lagging-strand DNA replication. <i>Genes and Development</i> , 2004 , 18, 2764-73	12.6	169
29	Unwinding the functions of the Pif1 family helicases. <i>DNA Repair</i> , 2010 , 9, 237-49	4.3	156
28	In vivo occupancy of mitochondrial single-stranded DNA binding protein supports the strand displacement mode of DNA replication. <i>PLoS Genetics</i> , 2014 , 10, e1004832	6	93
27	Structure of <i>Saccharomyces cerevisiae</i> DNA polymerase epsilon by cryo-electron microscopy. <i>Nature Structural and Molecular Biology</i> , 2006 , 13, 35-43	17.6	81
26	DNA replication through hard-to-replicate sites, including both highly transcribed RNA Pol II and Pol III genes, requires the <i>S. pombe</i> Pfh1 helicase. <i>Genes and Development</i> , 2012 , 26, 581-93	12.6	77
25	Evidence for lesion bypass by yeast replicative DNA polymerases during DNA damage. <i>Nucleic Acids Research</i> , 2008 , 36, 5660-7	20.1	72
24	The essential <i>Schizosaccharomyces pombe</i> Pfh1 DNA helicase promotes fork movement past G-quadruplex motifs to prevent DNA damage. <i>BMC Biology</i> , 2014 , 12, 101	7.3	55
23	G-rich telomeric and ribosomal DNA sequences from the fission yeast genome form stable G-quadruplex DNA structures in vitro and are unwound by the Pfh1 DNA helicase. <i>Nucleic Acids Research</i> , 2016 , 44, 6213-31	20.1	46
22	Quinazoline Ligands Induce Cancer Cell Death through Selective STAT3 Inhibition and G-Quadruplex Stabilization. <i>Journal of the American Chemical Society</i> , 2020 , 142, 2876-2888	16.4	26
21	Pfh1 Is an Accessory Replicative Helicase that Interacts with the Replisome to Facilitate Fork Progression and Preserve Genome Integrity. <i>PLoS Genetics</i> , 2016 , 12, e1006238	6	25
20	The Pif1 family helicase Pfh1 facilitates telomere replication and has an RPA-dependent role during telomere lengthening. <i>DNA Repair</i> , 2014 , 24, 80-86	4.3	24
19	A Light-up Logic Platform for Selective Recognition of Parallel G-Quadruplex Structures via Disaggregation-Induced Emission. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 896-902	16.4	24
18	The functions of the multi-tasking Pfh1 helicase. <i>Current Genetics</i> , 2017 , 63, 621-626	2.9	19
17	Translesion synthesis of abasic sites by yeast DNA polymerase epsilon. <i>Journal of Biological Chemistry</i> , 2009 , 284, 31555-63	5.4	19
16	Identification of Compounds that Selectively Stabilize Specific G-Quadruplex Structures by Using a Thioflavin T-Displacement Assay as a Tool. <i>Chemistry - A European Journal</i> , 2016 , 22, 18932-18943	4.8	18
15	The Pif1 signature motif of Pfh1 is necessary for both protein displacement and helicase unwinding activities, but is dispensable for strand-annealing activity. <i>Nucleic Acids Research</i> , 2018 , 46, 8516-8531	20.1	15
14	Design and Synthesis of 2,2bDiindolylmethanes to Selectively Target Certain G-Quadruplex DNA Structures. <i>Chemistry - A European Journal</i> , 2016 , 22, 13004-9	4.8	13

13	A site-specific self-assembled light-up rotor probe for selective recognition and stabilization of c-MYC G-quadruplex DNA. <i>Nanoscale</i> , 2020 , 12, 12950-12957	7.7	12
12	Flexible Versus Rigid G-Quadruplex DNA Ligands: Synthesis of Two Series of Bis-indole Derivatives and Comparison of Their Interactions with G-Quadruplex DNA. <i>Chemistry - A European Journal</i> , 2018 , 24, 7926-7938	4.8	11
11	Identification of putative G-quadruplex DNA structures in <i>S. pombe</i> genome by quantitative PCR stop assay. <i>DNA Repair</i> , 2019 , 82, 102678	4.3	10
10	Synthesis of phenanthridine spiropyranes and studies of their effects on G-quadruplex DNA. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 3265-3275	3.9	9
9	Unravelling the cellular emission fingerprint of the benchmark G-quadruplex-interactive compound Phen-DC. <i>Chemical Communications</i> , 2020 , 56, 14251-14254	5.8	7
8	The Relation Between Position and Chemical Composition of Bis-Indole Substituents Determines Their Interactions with G-Quadruplex DNA. <i>Chemistry - A European Journal</i> , 2020 , 26, 9561-9572	4.8	6
7	Stabilization of G-quadruplex DNA structures in <i>Schizosaccharomyces pombe</i> causes single-strand DNA lesions and impedes DNA replication. <i>Nucleic Acids Research</i> , 2020 , 48, 10998-11015	20.1	6
6	A Light-up Logic Platform for Selective Recognition of Parallel G-Quadruplex Structures via Disaggregation-Induced Emission. <i>Angewandte Chemie</i> , 2020 , 132, 906-912	3.6	4
5	The RGG domain in the C-terminus of the DEAD box helicases Dbp2 and Ded1 is necessary for G-quadruplex destabilization. <i>Nucleic Acids Research</i> , 2021 , 49, 8339-8354	20.1	3
4	Light-induced in situ chemical activation of a fluorescent probe for monitoring intracellular G-quadruplex structures. <i>Nanoscale</i> , 2021 , 13, 13795-13808	7.7	3
3	A Minimalistic Coumarin Turn-On Probe for Selective Recognition of Parallel G-Quadruplex DNA Structures. <i>ACS Chemical Biology</i> , 2021 , 16, 1365-1376	4.9	2
2	Probing the folding pathways of four-stranded intercalated cytosine-rich motifs at single base-pair resolution. <i>Biochimie</i> , 2022 ,	4.6	2
1	Translesion synthesis of abasic sites by yeast DNA polymerase epsilon. <i>FASEB Journal</i> , 2010 , 24, 492.8	0.9	