

Francesca M Pisani

List of Publications by Year in descending order

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32
papers

1,314
citations

361413

20
h-index

395702

33
g-index

33
all docs

33
docs citations

33
times ranked

1235
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermostable beta-galactosidase from the archaeobacterium <i>Sulfolobus solfataricus</i> Purification and properties. <i>FEBS Journal</i> , 1990, 187, 321-328.	0.2	163
2	A novel archaeobacterial NAD ⁺ -dependent alcohol dehydrogenase. Purification and properties. <i>FEBS Journal</i> , 1987, 167, 475-479.	0.2	81
3	A DNA polymerase from the archaeon <i>Sulfolobus solfataricus</i> shows sequence similarity to family B DNA polymerases. <i>Nucleic Acids Research</i> , 1992, 20, 2711-2716.	14.5	79
4	Physical and Functional Interaction between the Mini-chromosome Maintenance-like DNA Helicase and the Single-stranded DNA Binding Protein from the Crenarchaeon <i>Sulfolobus solfataricus</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 12118-12127.	3.4	77
5	Erroneous incorporation of oxidized DNA precursors by γ -family DNA polymerases. <i>EMBO Reports</i> , 2003, 4, 269-273.	4.5	69
6	Structural analysis of the <i>Sulfolobus solfataricus</i> MCM protein N-terminal domain. <i>Nucleic Acids Research</i> , 2008, 36, 3235-3243.	14.5	65
7	The human GINS complex binds to and specifically stimulates human DNA polymerase δ primase. <i>EMBO Reports</i> , 2007, 8, 99-103.	4.5	57
8	Tim/Timeless, a member of the replication fork protection complex, operates with the Warsaw breakage syndrome DNA helicase DDX11 in the same fork recovery pathway. <i>Nucleic Acids Research</i> , 2016, 44, 705-717.	14.5	56
9	Biochemical characterization of a clamp-loader complex homologous to eukaryotic replication factor C from the hyperthermophilic archaeon <i>Sulfolobus solfataricus</i> 1 Edited by M. Gottesman. <i>Journal of Molecular Biology</i> , 2000, 301, 61-73.	4.2	55
10	Two DNA polymerase sliding clamps from the thermophilic archaeon <i>Sulfolobus solfataricus</i> . <i>Journal of Molecular Biology</i> , 1999, 291, 47-57.	4.2	52
11	Processing of DNA lesions by archaeal DNA polymerases from <i>Sulfolobus solfataricus</i> . <i>Nucleic Acids Research</i> , 2003, 31, 4024-4030.	14.5	52
12	Insights into DNA Replication. <i>Structure</i> , 2004, 12, 2001-2008.	3.3	52
13	Synthetic Activity of Sso DNA Polymerase Y1, an Archaeal DinB-like DNA Polymerase, Is Stimulated by Processivity Factors Proliferating Cell Nuclear Antigen and Replication Factor C. <i>Journal of Biological Chemistry</i> , 2001, 276, 47394-47401.	3.4	51
14	Structural and Functional Insights into the DNA Replication Factor Cdc45 Reveal an Evolutionary Relationship to the DHH Family of Phosphoesterases. <i>Journal of Biological Chemistry</i> , 2012, 287, 4121-4128.	3.4	49
15	Biochemical Characterization of a CDC6-like Protein from the Crenarchaeon <i>Sulfolobus solfataricus</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 46424-46431.	3.4	43
16	Interaction of the Warsaw breakage syndrome DNA helicase DDX11 with the replication fork-protection factor Timeless promotes sister chromatid cohesion. <i>PLoS Genetics</i> , 2018, 14, e1007622.	3.5	40
17	Warsaw Breakage Syndrome associated DDX11 helicase resolves G-quadruplex structures to support sister chromatid cohesion. <i>Nature Communications</i> , 2020, 11, 4287.	12.8	33
18	Modular Organization of the <i>Sulfolobus solfataricus</i> Mini-chromosome Maintenance Protein. <i>Journal of Biological Chemistry</i> , 2007, 282, 12574-12582.	3.4	30

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19	Amino Acids of the Sulfolobus solfataricus Mini-chromosome Maintenance-like DNA Helicase Involved in DNA Binding/Remodeling. <i>Journal of Biological Chemistry</i> , 2004, 279, 49222-49228.	3.4	29
20	Molecular and Cellular Functions of the Warsaw Breakage Syndrome DNA Helicase DDX11. <i>Genes</i> , 2018, 9, 564.	2.4	23
21	A CDC6-like Factor from the Archaea Sulfolobus solfataricus Promotes Binding of the Mini-chromosome Maintenance Complex to DNA. <i>Journal of Biological Chemistry</i> , 2004, 279, 43008-43012.	3.4	19
22	Domain Organization and DNA-Induced Conformational Changes of an Archaeal Family B DNA Polymerase. <i>Biochemistry</i> , 1996, 35, 9158-9166.	2.5	18
23	Modular organization of a Cdc6-like protein from the crenarchaeon Sulfolobus solfataricus. <i>Biochemical Journal</i> , 2004, 381, 645-653.	3.7	17
24	The Human Tim-Tipin Complex Interacts Directly with DNA Polymerase μ and Stimulates Its Synthetic Activity. <i>Journal of Biological Chemistry</i> , 2013, 288, 12742-12752.	3.4	17
25	Biochemical characterization of two Cdc6/ORC1-like proteins from the crenarchaeon Sulfolobus solfataricus. <i>Extremophiles</i> , 2006, 10, 61-70.	2.3	15
26	Biochemical evidence of a physical interaction between Sulfolobus solfataricus B-family and Y-family DNA polymerases. <i>Extremophiles</i> , 2007, 11, 277-282.	2.3	15
27	<p>Spotlight on Warsaw Breakage Syndrome&/p>. <i>The Application of Clinical Genetics</i> , 2019, Volume 12, 239-248.	3.0	11
28	The Genome Stability Maintenance DNA Helicase DDX11 and Its Role in Cancer. <i>Genes</i> , 2021, 12, 395.	2.4	11
29	Role of the DDX11 DNA Helicase in Warsaw Breakage Syndrome Etiology. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2308.	4.1	6
30	Visualization of the interaction between archaeal DNA polymerase and uracil-containing DNA by atomic force microscopy. <i>Genes To Cells</i> , 2005, 11, 3-11.	1.2	2
31	Genomic integrity and mitochondrial metabolism defects in Warsaw syndrome cells: a comparison with Fanconi anemia. <i>Journal of Cellular Physiology</i> , 2021, 236, 5664-5675.	4.1	1
32	Functional Coupling between DNA Replication and Sister Chromatid Cohesion Establishment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2810.	4.1	1