

Philip Nevin

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

91
citations

1477746
6
h-index

1872312
6
g-index

10
all docs

10
docs citations

10
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualizing the Nonhomogeneous Structure of RAD51 Filaments Using Nanofluidic Channels. Langmuir, 2016, 32, 8403-8412.	1.6	11
2	Noncognate <sc>DNA</sc> damage prevents the formation of the active conformation of the Y-family <sc>DNA</sc> polymerases DinB and <sc>DNA</sc> polymerase Î. FEBS Journal, 2015, 282, 2646-2660.	2.2	12
3	Steric gate residues of Y-family DNA polymerases DinB and pol kappa are crucial for dNTP-induced conformational change. DNA Repair, 2015, 29, 65-73.	1.3	15
4	Non-cognate DNA damage prevents formation of active conformation of Y-family DNA polymerases DinB and pol kappa. FASEB Journal, 2015, 29, 561.8.	0.2	0
5	Conformational Analysis of Processivity Clamps in Solution Demonstrates that Tertiary Structure Does Not Correlate with Protein Dynamics. Structure, 2014, 22, 572-581.	1.6	30
6	Use of FRET to Study Dynamics of DNA Replication. , 2014, , 95-111.		0
7	Polymerase manager protein UmuD directly regulates Escherichia coli DNA polymerase III binding to ssDNA. Nucleic Acids Research, 2013, 41, 8959-8968.	6.5	9
8	Conformational analysis of processivity clamps demonstrates that tertiary structure does not correlate with structural dynamics. FASEB Journal, 2013, 27, 541.1.	0.2	0
9	UmuD participates in a primitive DNA damage checkpoint by interacting with DNA pol III Î± and SSB. FASEB Journal, 2013, 27, 538.3.	0.2	0
10	Selective disruption of the DNA polymerase III Î±-Î± complex by the umuD gene products. Nucleic Acids Research, 2012, 40, 5511-5522.	6.5	14