

Khadijeh S Alnajjar

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating the Analytical and Surface Enhancement Factors in Surface-Enhanced Raman Scattering (SERS): A Novel Physical Chemistry and Nanotechnology Laboratory Experiment. Journal of Chemical Education, 2012, 89, 286-290.	2.3	57
2	A new perspective on oxidation of DNA repair proteins and cancer. DNA Repair, 2019, 76, 60-69.	2.8	28
3	The role of cysteines in the structure and function of OGG1. Journal of Biological Chemistry, 2021, 296, 100093.	3.4	26
4	Expression and immunolocalization of aquaporins HC-1, -2, and -3 in Cope's gray treefrog, <i>Hyla chrysoscelis</i> . Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 157, 86-94.	1.8	21
5	Probing DNA Base-Dependent Leaving Group Kinetic Effects on the DNA Polymerase Transition State. Biochemistry, 2018, 57, 3925-3933.	2.5	18
6	A Change in the Rate-Determining Step of Polymerization by the K289M DNA Polymerase β^2 Cancer-Associated Variant. Biochemistry, 2017, 56, 2096-2105.	2.5	16
7	Role of the N-Terminus of Subunit III in Proton Uptake in Cytochrome <i>c</i> Oxidase of <i>Rhodobacter sphaeroides</i> . Biochemistry, 2014, 53, 496-504.	2.5	11
8	Defective Nucleotide Release by DNA Polymerase β^2 Mutator Variant E288K Is the Basis of Its Low Fidelity. Biochemistry, 2017, 56, 5550-5559.	2.5	11
9	I260Q DNA polymerase β^2 highlights precatalytic conformational rearrangements critical for fidelity. Nucleic Acids Research, 2018, 46, 10740-10756.	14.5	8
10	DNA Polymerase β^2 Cancer-Associated Variant I260M Exhibits Nonspecific Selectivity toward the β^2 Bridging Group of the Incoming dNTP. Biochemistry, 2017, 56, 5449-5456.	2.5	7
11	The nature of the DNA substrate influences pre-catalytic conformational changes of DNA polymerase β^2 . Journal of Biological Chemistry, 2018, 293, 15084-15094.	3.4	7
12	Role of Phospholipids of Subunit III in the Regulation of Structural Rearrangements in Cytochrome <i>c</i> Oxidase of <i>Rhodobacter sphaeroides</i> . Biochemistry, 2015, 54, 1053-1063.	2.5	6
13	Molecular and structural characterization of oxidized ribonucleotide insertion into DNA by human DNA polymerase β^2 . Journal of Biological Chemistry, 2020, 295, 1613-1622.	3.4	5
14	A pre-catalytic non-covalent step governs DNA polymerase β^2 fidelity. Nucleic Acids Research, 2019, 47, 11839-11849.	14.5	4
15	The Role of the N-Terminus of Subunit III in Proton Uptake in Cytochrome C Oxidase of <i>Rhodobacter sphaeroides</i> . Biophysical Journal, 2013, 104, 487a.	0.5	3
16	Synthesis of ortho-formylphenylphosphonic acids as covalent probes of active site lysines. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 313-314.	1.6	1
17	Removal of Endogenous Phospholipids of <i>Rhodobacter Sphaeroides</i> Cytochrome C Oxidase affects the Flexibility of the Enzyme. Biophysical Journal, 2014, 106, 371a.	0.5	0
18	Revealing an Internal Stabilization Deficiency in the DNA Polymerase β^2 K289M Cancer Variant through the Combined Use of Chemical Biology and X-ray Crystallography. Biochemistry, 2020, 59, 955-963.	2.5	0

#	ARTICLE	IF	CITATIONS
19	Phospholipids in Subunit III Regulate Structural Rearrangements in Cytochrome <i>c</i> Oxidase of <i>Rhodobacter sphaeroides</i> . FASEB Journal, 2015, 29, 884.1.	0.5	0
20	Base Excision Repair in the Etiology of Lupus and Cancer. , 2017, , 449-499.		0
21	Mitochondrial Electron Transport. , 2018, , 1-8.		0
22	A Collapsed Fingers Subdomain is the Basis for DNA Polymerase β 1260M Mutator Activity. FASEB Journal, 2022, 36, .	0.5	0