Khadijeh S Alnajjar

List of Publications by Year
in descending order

22	229	1162367 8	996533 15
papers	citations	h-index	g-index

22	22	22	330
all docs	docs citations	times ranked	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.	1.1	57
2	A new perspective on oxidation of DNA repair proteins and cancer. DNA Repair, 2019, 76, 60-69.	1.3	28
3	The role of cysteines in the structure and function of OGG1. Journal of Biological Chemistry, 2021, 296, 100093.	1.6	26
4	Expression and immunolocalization of aquaporins HC-1, -2, and -3 in Cope's gray treefrog, Hyla chrysoscelis. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 157, 86-94.	0.8	21
5	Probing DNA Base-Dependent Leaving Group Kinetic Effects on the DNA Polymerase Transition State. Biochemistry, 2018, 57, 3925-3933.	1.2	18
6	A Change in the Rate-Determining Step of Polymerization by the K289M DNA Polymerase Î² Cancer-Associated Variant. Biochemistry, 2017, 56, 2096-2105.	1.2	16
7	Role of the N-Terminus of Subunit III in Proton Uptake in Cytochrome c Oxidase of Rhodobacter sphaeroides. Biochemistry, 2014, 53, 496-504.	1.2	11
8	Defective Nucleotide Release by DNA Polymerase Î² Mutator Variant E288K Is the Basis of Its Low Fidelity. Biochemistry, 2017, 56, 5550-5559.	1.2	11
9	I260Q DNA polymerase Î² highlights precatalytic conformational rearrangements critical for fidelity. Nucleic Acids Research, 2018, 46, 10740-10756.	6.5	8
10	DNA Polymerase Î² Cancer-Associated Variant I260M Exhibits Nonspecific Selectivity toward the Î²â€“Î³ Bridging Group of the Incoming dNTP. Biochemistry, 2017, 56, 5449-5456.	1.2	7
11	The nature of the DNA substrate influences pre-catalytic conformational changes of DNA polymerase Î². Journal of Biological Chemistry, 2018, 293, 15084-15094.	1.6	7
12	Role of Phospholipids of Subunit III in the Regulation of Structural Rearrangements in Cytochrome c Oxidase of Rhodobacter sphaeroides. Biochemistry, 2015, 54, 1053-1063.	1.2	6
13	Molecular and structural characterization of oxidized ribonucleotide insertion into DNA by human DNA polymerase Î². Journal of Biological Chemistry, 2020, 295, 1613-1622.	1.6	5
14	A pre-catalytic non-covalent step governs DNA polymerase Î² fidelity. Nucleic Acids Research, 2019, 47, 11839-11849.	6.5	4
15	The Role of the N-Terminus of Subunit III in Proton Uptake in Cytochrome C Oxidase of Rhodobacter sphaeroides. Biophysical Journal, 2013, 104, 487a.	0.2	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.	0.8	1
17	Removal of Endogenous Phospholipids of Rhodobacter Sphaeroides Cytochrome C Oxidase affects the Flexibility of the Enzyme. Biophysical Journal, 2014, 106, 371a.	0.2	0
18	Revealing an Internal Stabilization Deficiency in the DNA Polymerase Î² K289M Cancer Variant through the Combined Use of Chemical Biology and X-ray Crystallography. Biochemistry, 2020, 59, 955-963.	1.2	0

#	Article	IF	Citations
19	Phospholipids in Subunit III Regulate Structural Rearrangements in Cytochrome c Oxidase of Rhodobacter sphaeroides. FASEB Journal, 2015, 29, 884.1.	0.2	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 Î² I260M Mutator Activity. FASEB Journal, 2022, 36, .	0.2	0