

Daniel Barsky

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,560
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

2031
citing authors

#	ARTICLE	IF	CITATIONS
1	The major human abasic endonuclease: formation, consequences and repair of abasic lesions in DNA. <i>Mutation Research DNA Repair</i> , 2001, 485, 283-307.	3.7	349
2	Mass spectrometry reveals modularity and a complete subunit interaction map of the eukaryotic translation factor eIF3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18139-18144.	7.1	233
3	Immunoreactivity of Organic Mimetopes of the E2 Component of Pyruvate Dehydrogenase: Connecting Xenobiotics with Primary Biliary Cirrhosis. <i>Journal of Immunology</i> , 2001, 167, 2956-2963.	0.8	178
4	Identification of 2-nonynoic acid, a cosmetic component, as a potential trigger of primary biliary cirrhosis. <i>Journal of Autoimmunity</i> , 2006, 27, 7-16.	6.5	160
5	Integrating Ion Mobility Mass Spectrometry with Molecular Modelling to Determine the Architecture of Multiprotein Complexes. <i>PLoS ONE</i> , 2010, 5, e12080.	2.5	119
6	Ion Mobility-Mass Spectrometry Reveals the Influence of Subunit Packing and Charge on the Dissociation of Multiprotein Complexes. <i>Analytical Chemistry</i> , 2010, 82, 9702-9710.	6.5	66
7	Molecular interactions of human Exo1 with DNA. <i>Nucleic Acids Research</i> , 2002, 30, 942-949.	14.5	61
8	Mapping the protein-DNA interface and the metal-binding site of the major human apurinic/apyrimidinic endonuclease. <i>Journal of Molecular Biology</i> , 2000, 298, 447-459.	4.2	59
9	Interaction and Solvation Energies of Nonpolar DNA Base Analogues and Their Role in Polymerase Insertion Fidelity. <i>Journal of Biomolecular Structure and Dynamics</i> , 1999, 16, 1119-1134.	3.5	49
10	Motion of a DNA Sliding Clamp Observed by Single Molecule Fluorescence Spectroscopy. <i>Journal of Biological Chemistry</i> , 2008, 283, 22895-22906.	3.4	45
11	Correlation Spectroscopy of Minor Fluorescent Species: Signal Purification and Distribution Analysis. <i>Biophysical Journal</i> , 2007, 92, 2184-2198.	0.5	39
12	Reports from CAGI: The Critical Assessment of Genome Interpretation. <i>Human Mutation</i> , 2017, 38, 1039-1041.	2.5	38
13	Guanine-Cytosine Base Pairs in Parallel-Stranded DNA: An ab Initio Study of the Keto-Amino Wobble Pair versus the Enol-Imino Minor Tautomer Pair. <i>Journal of Physical Chemistry A</i> , 2000, 104, 8570-8576.	2.5	36
14	Two processivity clamp interactions differentially alter the dual activities of UmuC. <i>Molecular Microbiology</i> , 2006, 59, 460-474.	2.5	36
15	A Non-cleavable UmuD Variant That Acts as a UmuD ² Mimic. <i>Journal of Biological Chemistry</i> , 2006, 281, 9633-9640.	3.4	24
16	A Single Subunit Directs the Assembly of the Escherichia coli DNA Sliding Clamp Loader. <i>Structure</i> , 2010, 18, 285-292.	3.3	20
17	The Mechanical Properties of PCNA: Implications for the Loading and Function of a DNA Sliding Clamp. <i>Biophysical Journal</i> , 2010, 98, 3062-3069.	0.5	19
18	Theory of heterogeneous relaxation in compartmentalized tissues. <i>Magnetic Resonance in Medicine</i> , 1997, 37, 666-675.	3.0	15

#	ARTICLE	IF	CITATIONS
19	DNA Sliding Clamps: Just the Right Twist to Load onto DNA. <i>Current Biology</i> , 2005, 15, R989-R992.	3.9	10
20	How Proteins Slide on DNA. <i>Biological and Medical Physics Series</i> , 2010, , 39-68.	0.4	4