

# Daniel Barsky

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11066849/publications.pdf>

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  | Reports from CAGI: The Critical Assessment of Genome Interpretation. <i>Human Mutation</i> , 2017, 38, 1039-1041.   | 2.5  | 38        |
| 2  | A Single Subunit Directs the Assembly of the Escherichia coli DNA Sliding Clamp Loader. <i>Structure</i> , 2010, 18, 285-292.   | 3.3  | 20        |
| 3  | 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        |
| 4  | 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        |
| 5  | How Proteins Slide on DNA. <i>Biological and Medical Physics Series</i> , 2010, , 39-68.  | 0.4  | 4         |
| 6  | 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       |
| 7  | 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        |
| 8  | 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       |
| 9  | Correlation Spectroscopy of Minor Fluorescent Species: Signal Purification and Distribution Analysis. <i>Biophysical Journal</i> , 2007, 92, 2184-2198.   | 0.5  | 39        |
| 10 | 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       |
| 11 | Two processivity clamp interactions differentially alter the dual activities of UmuC. <i>Molecular Microbiology</i> , 2006, 59, 460-474.  | 2.5  | 36        |
| 12 | A Non-cleavable UmuD Variant That Acts as a UmuD <sup>2</sup> Mimic. <i>Journal of Biological Chemistry</i> , 2006, 281, 9633-9640.   | 3.4  | 24        |
| 13 | DNA Sliding Clamps: Just the Right Twist to Load onto DNA. <i>Current Biology</i> , 2005, 15, R989-R992.  | 3.9  | 10        |
| 14 | Molecular interactions of human Exo1 with DNA. <i>Nucleic Acids Research</i> , 2002, 30, 942-949.   | 14.5 | 61        |
| 15 | 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       |
| 16 | Immunoreactivity of Organic Mimeotopes 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       |
| 17 | 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        |
| 18 | Guanine <sup>+</sup> Cytosine Base Pairs in Parallel-Stranded DNA: An ab Initio Study of the Keto <sup>+</sup> Amino Wobble Pair versus the Enol <sup>-</sup> Imino Minor Tautomer Pair. <i>Journal of Physical Chemistry A</i> , 2000, 104, 8570-8576. | 2.5  | 36        |

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|----|---|-----|-----------|
| 19 | 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        |
| 20 | Theory of heterogeneous relaxation in compartmentalized tissues. <i>Magnetic Resonance in Medicine</i> , 1997, 37, 666-675.   | 3.0 | 15        |