

# Mikhail K Levin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10848863/publications.pdf>

Version: 2024-02-01

20  
papers

1,056  
citations

567281

15  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1035  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA synthesis provides the driving force to accelerate DNA unwinding by a helicase. <i>Nature</i> , 2005, 435, 370-373.	27.8	163
2	A Brownian motor mechanism of translocation and strand separation by hepatitis C virus helicase. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 429-435.	8.2	123
3	The Functional Interaction of the Hepatitis C Virus Helicase Molecules Is Responsible for Unwinding Processivity. <i>Journal of Biological Chemistry</i> , 2004, 279, 26005-26012.	3.4	107
4	The Helicase from Hepatitis C Virus Is Active as an Oligomer. <i>Journal of Biological Chemistry</i> , 1999, 274, 31839-31846.	3.4	98
5	The DNA-unwinding mechanism of the ring helicase of bacteriophage T7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 7264-7269.	7.1	89
6	ATP Binding Modulates the Nucleic Acid Affinity of Hepatitis C Virus Helicase. <i>Journal of Biological Chemistry</i> , 2003, 278, 23311-23316.	3.4	79
7	VDJServer: A Cloud-Based Analysis Portal and Data Commons for Immune Repertoire Sequences and Rearrangements. <i>Frontiers in Immunology</i> , 2018, 9, 976.	4.8	68
8	Helicase from Hepatitis C Virus, Energetics of DNA Binding. <i>Journal of Biological Chemistry</i> , 2002, 277, 29377-29385.	3.4	59
9	Significant Proportions of Nuclear Transport Proteins with Reduced Intracellular Mobilities Resolved by Fluorescence Correlation Spectroscopy. <i>Journal of Molecular Biology</i> , 2007, 365, 50-65.	4.2	48
10	Mechanism of ATP-Driven PCNA Clamp Loading by <i>S. cerevisiae</i> RFC. <i>Journal of Molecular Biology</i> , 2009, 388, 431-442.	4.2	47
11	Fluorescence correlation spectroscopy and quantitative cell biology. <i>Differentiation</i> , 2004, 72, 1-10.	1.9	40
12	The Protease Domain Increases the Translocation Stepping Efficiency of the Hepatitis C Virus NS3-4A Helicase. <i>Journal of Biological Chemistry</i> , 2010, 285, 17821-17832.	3.4	39
13	VDJPipe: a pipelined tool for pre-processing immune repertoire sequencing data. <i>BMC Bioinformatics</i> , 2017, 18, 448.	2.6	18
14	MSPrecise: A molecular diagnostic test for multiple sclerosis using next generation sequencing. <i>Gene</i> , 2015, 572, 191-197.	2.2	17
15	VDJML: a file format with tools for capturing the results of inferring immune receptor rearrangements. <i>BMC Bioinformatics</i> , 2016, 17, 333.	2.6	16
16	Model-Based Global Analysis of Heterogeneous Experimental Data Using gfit. <i>Methods in Molecular Biology</i> , 2009, 500, 335-359.	0.9	13
17	Experimental and Computational Analysis of DNA Unwinding and Polymerization Kinetics. <i>Methods in Molecular Biology</i> , 2009, 587, 57-83.	0.9	12
18	The Antibody Genetics of Multiple Sclerosis: Comparing Next-Generation Sequencing to Sanger Sequencing. <i>Frontiers in Neurology</i> , 2014, 5, 166.	2.4	10

#	ARTICLE	IF	CITATIONS
19	Helicases as Molecular Motors. , 0, , 179-203.		5
20	owlcpp: a C++ library for working with OWL ontologies. Journal of Biomedical Semantics, 2015, 6, 35.	1.6	5