Mikhail K Levin

List of Publications by Year
in descending order

20	1,056	567281 15	794594 19
papers	citations	h-index	g-index

20	20	20	1035
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	VDJServer: A Cloud-Based Analysis Portal and Data Commons for Immune Repertoire Sequences and Rearrangements. Frontiers in Immunology, 2018, 9, 976.	4.8	68
2	VDJPipe: a pipelined tool for pre-processing immune repertoire sequencing data. BMC Bioinformatics, 2017, 18, 448.	2.6	18
3	VDJML: a file format with tools for capturing the results of inferring immune receptor rearrangements. BMC Bioinformatics, 2016, 17, 333.	2.6	16
4	owlcpp: a C++ library for working with OWL ontologies. Journal of Biomedical Semantics, 2015, 6, 35.	1.6	5
5	MSPrecise: A molecular diagnostic test for multiple sclerosis using next generation sequencing. Gene, 2015, 572, 191-197.	2.2	17
6	The Antibody Genetics of Multiple Sclerosis: Comparing Next-Generation Sequencing to Sanger Sequencing. Frontiers in Neurology, 2014, 5, 166.	2.4	10
7	The Protease Domain Increases the Translocation Stepping Efficiency of the Hepatitis C Virus NS3-4A Helicase. Journal of Biological Chemistry, 2010, 285, 17821-17832.	3.4	39
8	Mechanism of ATP-Driven PCNA Clamp Loading by S. cerevisiae RFC. Journal of Molecular Biology, 2009, 388, 431-442.	4.2	47
9	Model-Based Global Analysis of Heterogeneous Experimental Data Using gfit. Methods in Molecular Biology, 2009, 500, 335-359.	0.9	13
10	Experimental and Computational Analysis of DNA Unwinding and Polymerization Kinetics. Methods in Molecular Biology, 2009, 587, 57-83.	0.9	12
11	Significant Proportions of Nuclear Transport Proteins with Reduced Intracellular Mobilities Resolved by Fluorescence Correlation Spectroscopy. Journal of Molecular Biology, 2007, 365, 50-65.	4.2	48
12	A Brownian motor mechanism of translocation and strand separation by hepatitis C virus helicase. Nature Structural and Molecular Biology, 2005, 12, 429-435.	8.2	123
13	DNA synthesis provides the driving force to accelerate DNA unwinding by a helicase. Nature, 2005, 435, 370-373.	27.8	163
14	The DNA-unwinding mechanism of the ring helicase of bacteriophage T7. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 7264-7269.	7.1	89
15	The Functional Interaction of the Hepatitis C Virus Helicase Molecules Is Responsible for Unwinding Processivity. Journal of Biological Chemistry, 2004, 279, 26005-26012.	3.4	107
16	Fluorescence correlation spectroscopy and quantitative cell biology. Differentiation, 2004, 72, 1-10.	1.9	40
17	ATP Binding Modulates the Nucleic Acid Affinity of Hepatitis C Virus Helicase. Journal of Biological Chemistry, 2003, 278, 23311-23316.	3.4	79
18	Helicase from Hepatitis C Virus, Energetics of DNA Binding. Journal of Biological Chemistry, 2002, 277, 29377-29385.	3.4	59

#	Article	IF	Citations
19	The Helicase from Hepatitis C Virus Is Active as an Oligomer. Journal of Biological Chemistry, 1999, 274, 31839-31846.	3.4	98
20	Helicases as Molecular Motors. , 0, , 179-203.		5