

# Michael V Dubina

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

11,947  
citations

331670

21  
h-index

144013

57  
g-index

70  
all docs

70  
docs citations

70  
times ranked

22145  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Immune Landscape of Cancer. <i>Immunity</i> , 2018, 48, 812-830.e14.	14.3	3,706
2	Genomic Classification of Cutaneous Melanoma. <i>Cell</i> , 2015, 161, 1681-1696.	28.9	2,562
3	Integrated genomic characterization of oesophageal carcinoma. <i>Nature</i> , 2017, 541, 169-175.	27.8	1,448
4	Integrated Genomic Characterization of Pancreatic Ductal Adenocarcinoma. <i>Cancer Cell</i> , 2017, 32, 185-203.e13.	16.8	1,428
5	Genomic and Functional Approaches to Understanding Cancer Aneuploidy. <i>Cancer Cell</i> , 2018, 33, 676-689.e3.	16.8	750
6	Comprehensive and Integrated Genomic Characterization of Adult Soft Tissue Sarcomas. <i>Cell</i> , 2017, 171, 950-965.e28.	28.9	738
7	Microfluidic droplet platform for ultrahigh-throughput single-cell screening of biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2550-2555.	7.1	182
8	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. <i>Nature Genetics</i> , 2017, 49, 993-1004.	21.4	114
9	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. <i>Nature Genetics</i> , 2015, 47, 387-392.	21.4	97
10	Connexin 43, but not connexin 32, is mutated at advanced stages of human sporadic colon cancer. <i>Oncogene</i> , 2002, 21, 4992-4996.	5.9	57
11	Liposome-encapsulated peptides protect against experimental allergic encephalitis. <i>FASEB Journal</i> , 2013, 27, 222-231.	0.5	55
12	Effect of silver oxide nanoparticles on tumor growth in vivo. <i>Doklady Biochemistry and Biophysics</i> , 2008, 421, 191-193.	0.9	54
13	Bioimpedance Spectroscopy: Basics and Applications. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 1962-1986.	5.2	42
14	Glucocerebrosidase gene mutations are associated with Parkinson's disease in Russia. <i>Movement Disorders</i> , 2012, 27, 158-159.	3.9	38
15	Potassium Ions are More Effective than Sodium Ions in Salt Induced Peptide Formation. <i>Origins of Life and Evolution of Biospheres</i> , 2013, 43, 109-117.	1.9	33
16	Resistance mechanisms to drug therapy in breast cancer and other solid tumors: An opinion. <i>F1000Research</i> , 2017, 6, 288.	1.6	25
17	Microfluidic device for unidirectional axon growth. <i>Journal of Physics: Conference Series</i> , 2015, 643, 012025.	0.4	24
18	Pulse mode of laser photodynamic treatment induced cell apoptosis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 13, 101-107.	2.6	24

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19	Heavyâ€“light chain interrelations of MS-associated immunoglobulins probed by deep sequencing and rational variation. <i>Molecular Immunology</i> , 2014, 62, 305-314.	2.2	23
20	Role of Î±1 light-chain constant-domain switch in the structure and functionality of A17 reactibody. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 708-719.	2.5	22
21	The protective variant rs7173049 at LOXL1 locus impacts on retinoic acid signaling pathway in pseudoexfoliation syndrome. <i>Human Molecular Genetics</i> , 2019, 28, 2531-2548.	2.9	22
22	Fabrication of high-aspect-ratio microstructures in polymer microfluid chips for in vitro single-cell analysis. <i>Technical Physics</i> , 2016, 61, 1566-1571.	0.7	20
23	Adaptive Filtering to Enhance Noise Immunity of Impedance and Admittance Spectroscopy: Comparison with Fourier Transformation. <i>Physical Review Applied</i> , 2017, 7, .	3.8	19
24	Abnormal expression of ATP1A1 and ATP1A2 in breast cancer. <i>F1000Research</i> , 2017, 6, 10.	1.6	17
25	Association of Rare <i>CYP39A1</i> Variants With Exfoliation Syndrome Involving the Anterior Chamber of the Eye. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 753.	7.4	16
26	DNA detection by THz pumping. <i>Semiconductors</i> , 2015, 49, 944-948.	0.5	13
27	Molecular dynamics-based refinement of nanodiamond size measurements obtained with dynamic light scattering. <i>Microfluidics and Nanofluidics</i> , 2015, 18, 1189-1194.	2.2	12
28	Fragmentation of D- and L-enantiomers of amino acids through interaction with 3He <sup>2+</sup> ions. <i>Technical Physics</i> , 2014, 59, 1698-1704.	0.7	11
29	Rate equation approach to understanding the ion-catalyzed formation of peptides. <i>Journal of Chemical Physics</i> , 2013, 138, 244906.	3.0	9
30	Glatiramer Acetate and Nanny Proteins Restrict Access of the Multiple Sclerosis Autoantigen Myelin Basic Protein to the 26S Proteasome. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	9
31	Detection of high-resolution Raman spectra in short oligonucleotides. <i>JETP Letters</i> , 2014, 99, 373-377.	1.4	7
32	New Experimental Models of Retinal Degeneration for Screening Molecular Photochromic Ion Channel Blockers. <i>Acta Naturae</i> , 2018, 10, 75-84.	1.7	7
33	Different photodynamic effect between continuous wave and pulsed laser irradiation modes in k562 cells in vitro. <i>Journal of Physics: Conference Series</i> , 2014, 541, 012040.	0.4	6
34	Molecular-genetic and biochemical characteristics of citrate synthase from the citric-acid producing fungus <i>Aspergillus niger</i> . <i>Applied Biochemistry and Microbiology</i> , 2016, 52, 810-817.	0.9	6
35	Mathematical model of polymerase chain reaction with temperature-dependent parameters. <i>Doklady Biochemistry and Biophysics</i> , 2017, 472, 77-80.	0.9	6
36	A microfluidic chip with hydrodynamic traps for in vitro microscopic investigations of single cells. <i>Technical Physics Letters</i> , 2015, 41, 255-258.	0.7	5

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37	Terahertz response of DNA oligonucleotides on the surface of silicon nanostructures. Semiconductors, 2016, 50, 1208-1215.	0.5	5
38	Microvascular endothelium dysfunction in rats bearing 1,2-dimethylhydrazine-induced colon tumors. Cancer Letters, 1999, 144, 125-129.	7.2	4
39	Metabolic characteristics of citric acid synthesis by the fungus <i>Aspergillus niger</i> . Applied Biochemistry and Microbiology, 2015, 51, 857-865.	0.9	4
40	Thermodynamic Analysis of the Conformational Stability of a Single-Domain Therapeutic Antibody. Technical Physics Letters, 2017, 43, 1088-1091.	0.7	4
41	Lifetimes of the Vibrational States of DNA Molecules in Functionalized Complexes of Semiconductor Quantum Dots. Technical Physics Letters, 2018, 44, 70-72.	0.7	4
42	A kinetic model of amino-acid polymer growth in sodium and potassium aqueous solutions. Technical Physics Letters, 2013, 39, 942-944.	0.7	3
43	Dielectric properties of DNA oligonucleotides on the surface of silicon nanostructures. Semiconductors, 2016, 50, 1333-1337.	0.5	3
44	A numerical model of protein crystallization with counter diffusion method. Journal of Physics: Conference Series, 2016, 741, 012053.	0.4	3
45	Measurement of the lifetimes of vibrational states of DNA molecules in functionalized complexes of semiconductor quantum dots. Semiconductors, 2017, 51, 1326-1331.	0.5	3
46	Resonant raman scattering in complexes of nc-Si/SiO <sub>2</sub> quantum dots and oligonucleotides. Technical Physics Letters, 2014, 40, 1035-1037.	0.7	2
47	Application of <i>de novo</i> sequencing tools to study abiogenic peptide formations by tandem mass spectrometry. The case of homo $\alpha$ -peptides from glutamic acid complicated by substitutions of hydrogen by sodium or potassium atoms. Rapid Communications in Mass Spectrometry, 2014, 28, 33-41.	1.5	2
48	Functionalization of nc-Si/SiO <sub>2</sub> semiconductor quantum dots by oligonucleotides. Semiconductors, 2014, 48, 1485-1489.	0.5	2
49	Pathogenesis-based preexposure prophylaxis associated with a low risk of SARS-CoV-2 infection in healthcare workers at a designated COVID-19 hospital: a pilot study. BMC Infectious Diseases, 2021, 21, 536.	2.9	2
50	The influence of different potassium and sodium ion concentrations on the rate of abiogenic peptide synthesis. Paleontological Journal, 2014, 48, 339-344.	0.5	1
51	Magnetic Nanoparticles and Intracellular Delivery of Biopolymers. Neuroscience and Behavioral Physiology, 2015, 45, 920-929.	0.4	1
52	DNA detection by THz pumping. , 2016, , .		1
53	Analysis of Immunogenicity of Intracellular CTAR Fragments of Epstein-Barr Virus Latent Phase Protein LMP1. Bulletin of Experimental Biology and Medicine, 2017, 163, 766-771.	0.8	1
54	Kinetic Model of the Formation of Protein Crystals in Capillaries by Counterdiffusion. Technical Physics Letters, 2018, 44, 502-504.	0.7	1

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55	Disturbances in Metabolism of Phenylalanine and Tyrosine as an Important Factor in the Etiology and Pathogenesis of Psychoneurological Disorders Associated with Liver Diseases. International Journal of Biomedicine, 2015, 5, 65-70.	0.2	1
56	Molecular dynamic simulations of glycine amino acid association with potassium and sodium ions in explicit solvent. F1000Research, 0, 6, 74.	1.6	1
57	Non-immune Prophylaxis Against COVID-19 by Targeting Tolerance for Angiotensin II-Triggered SARS-CoV-2 Pathogenesis. Frontiers in Medicine, 2021, 8, 776903.	2.6	1
58	Effect of oleamide on water and sodium ion transport in osmoregulatory organs of vertebrates. Journal of Evolutionary Biochemistry and Physiology, 2015, 51, 499-504.	0.6	0
59	Computer Simulation of Amino Acid Oligomerization in Aqueous Solutions Induced by Condensing Agent. Journal of Chemistry, 2015, 2015, 1-6.	1.9	0
60	Pulse mode irradiation at Radachlorin PDT shifted cell death to apoptosis in vitro. Proceedings of SPIE, 2015, , .	0.8	0
61	THz emission and detection by quantum faraday effect in silicon nanosandwich-structures. , 2017, , .		0
62	In-vitro singlet oxygen threshold dose at PDT with Radachlorin photosensitizer. , 2017, , .		0
63	Dielectric Properties of Oligonucleotides on the Surface of Si Nanosandwich Structures. Semiconductors, 2018, 52, 612-614.	0.5	0
64	The role of histone deacetylase 2 (HDAC2) and glucocorticoid receptor (GR) isoforms in patients with asthma-COPD overlap syndrome (ACOS). , 2016, , .		0