

# Ilya A Mazo

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,004  
citations

516710

16  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2818  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathway studio—the analysis and navigation of molecular networks. <i>Bioinformatics</i> , 2003, 19, 2155-2157.	4.1	620
2	The RD114/simian type D retrovirus receptor is a neutral amino acid transporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 2129-2134.	7.1	212
3	Extracting human protein interactions from MEDLINE using a full-sentence parser. <i>Bioinformatics</i> , 2004, 20, 604-611.	4.1	195
4	Use of genetic suppressor elements to dissect distinct biological effects of separate p53 domains.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 10309-10314.	7.1	165
5	Binding properties and evolution of homodimers in protein-protein interaction networks. <i>Nucleic Acids Research</i> , 2005, 33, 3629-3635.	14.5	159
6	Cloning mammalian genes by expression selection of genetic suppressor elements: association of kinesin with drug resistance and cell immortalization.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 3744-3748.	7.1	130
7	Automatic pathway building in biological association networks. <i>BMC Bioinformatics</i> , 2006, 7, 171.	2.6	83
8	MOLECULAR NETWORKS IN MICROARRAY ANALYSIS. <i>Journal of Bioinformatics and Computational Biology</i> , 2007, 05, 429-456.	0.8	76
9	COMPUTATIONAL APPROACHES FOR DRUG REPOSITIONING AND COMBINATION THERAPY DESIGN. <i>Journal of Bioinformatics and Computational Biology</i> , 2010, 08, 593-606.	0.8	65
10	Automatic extraction of gene ontology annotation and its correlation with clusters in protein networks. <i>BMC Bioinformatics</i> , 2007, 8, 243.	2.6	46
11	Clustering Gene Expression Regulators: New Approach to Disease Subtyping. <i>PLoS ONE</i> , 2014, 9, e84955.	2.5	32
12	Facial pain with localized and widespread manifestations: Separate pathways of vulnerability. <i>Pain</i> , 2013, 154, 2335-2343.	4.2	31
13	Expression of SARS-CoV-2 surface glycoprotein fragment 319â€“640 in E. coli, and its refolding and purification. <i>Protein Expression and Purification</i> , 2021, 183, 105861.	1.3	25
14	Signaling networks in MS: A systems-based approach to developing new pharmacological therapies. <i>Multiple Sclerosis Journal</i> , 2015, 21, 138-146.	3.0	24
15	Expression of EIF3-p48/INT6, TID1 and Patched in cancer, a profiling of multiple tumor types and correlation of expression. <i>Journal of Biomedical Science</i> , 2007, 14, 395-405.	7.0	22
16	Molecular signature and pathway analysis of human primary squamous and adenocarcinoma lung cancers. <i>American Journal of Cancer Research</i> , 2012, 2, 93-103.	1.4	20
17	Linkage mapping of the human CSF2 and IL3 genes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 4821-4824.	7.1	16
18	IgG Antibodies Develop to Spike but Not to the Nucleocapsid Viral Protein in Many Asymptomatic and Light COVID-19 Cases. <i>Viruses</i> , 2021, 13, 1945.	3.3	16

#	ARTICLE	IF	CITATIONS
19	Fc receptor-like 4 and 5 define human atypical memory B cells. <i>International Immunology</i> , 2020, 32, 755-770.	4.0	13
20	Finding mesoscopic communities in sparse networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2006, 2006, P09014-P09014.	2.3	11
21	Dual-Antigen System Allows Elimination of False Positive Results in COVID-19 Serological Testing. <i>Diagnostics</i> , 2021, 11, 102.	2.6	8
22	DNA Sequencing: Current State and Prospects of Development. <i>Open Journal of Biophysics</i> , 2019, 09, 169-197.	0.5	8
23	In search of autophagy biomarkers in breast cancer: Receptor status and drug agnostic transcriptional changes during autophagy flux in cell lines. <i>PLoS ONE</i> , 2022, 17, e0262134.	2.5	8
24	ISFET Based DNA Sensor: Current-Voltage Characteristic and Sensitivity to DNA Molecules. <i>Open Journal of Biophysics</i> , 2019, 09, 239-253.	0.5	6
25	[28] Retroviral expression of green fluorescent protein. <i>Methods in Enzymology</i> , 1999, 302, 329-341.	1.0	4
26	[30] In Vivo retroviral transduction and expression of green fluorescent protein. <i>Methods in Enzymology</i> , 1999, 302, 358-369.	1.0	3
27	DNA Sequencing Modified Method through Effective Regulation of Its Translocation Speed in Aqueous Solution. <i>Open Journal of Biophysics</i> , 2020, 10, 96-112.	0.5	3
28	Noises and Signal-to-Noise Ratio of Nanosize EIS and ISFET Biosensors. <i>Open Journal of Biophysics</i> , 2020, 10, 1-12.	0.5	2
29	BNT162b2, mRNA-1273, and Sputnik V Vaccines Induce Comparable Immune Responses on a Par With Severe Course of COVID-19. <i>Frontiers in Immunology</i> , 2022, 13, 797918.	4.8	1
30	S.P.41 BIO-NMD: Identifying genomic pre-clinical biomarkers for diagnostics and therapeutics of Duchenne muscular dystrophy. <i>Neuromuscular Disorders</i> , 2012, 22, 883-884.	0.6	0