

# Alexander Mazein

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1022944/publications.pdf>

Version: 2024-02-01

30  
papers

2,381  
citations

516215

16  
h-index

433756

31  
g-index

36  
all docs

36  
docs citations

36  
times ranked

4261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Newt: a comprehensive web-based tool for viewing, constructing and analyzing biological maps. <i>Bioinformatics</i> , 2021, 37, 1475-1477.	1.8	24
2	AsthmaMap: An interactive knowledge repository for mechanisms of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 853-856.	1.5	6
3	MINERVA, A Platform for the Exploration of Disease Maps. , 2021, , 480-489.		0
4	SBGN Bricks Ontology as a tool to describe recurring concepts in molecular networks. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	4
5	Reusability and composability in process description maps: RASâ€“RAFâ€“MEKâ€“ERK signalling. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	3
6	COVID19 Disease Map, a computational knowledge repository of virusâ€“host interaction mechanisms. <i>Molecular Systems Biology</i> , 2021, 17, e10387.	3.2	53
7	CyFi-MAP: an interactive pathway-based resource for cystic fibrosis. <i>Scientific Reports</i> , 2021, 11, 22223.	1.6	6
8	cd2sbgmml: bidirectional conversion between CellDesigner and SBGN formats. <i>Bioinformatics</i> , 2020, 36, 2620-2622.	1.8	9
9	COVID-19 Disease Map, building a computational repository of SARS-CoV-2 virus-host interaction mechanisms. <i>Scientific Data</i> , 2020, 7, 136.	2.4	99
10	RA-map: building a state-of-the-art interactive knowledge base for rheumatoid arthritis. <i>Database: the Journal of Biological Databases and Curation</i> , 2020, 2020, .	1.4	25
11	Systems biology graphical notation markup language (SBGNML) version 0.3. <i>Journal of Integrative Bioinformatics</i> , 2020, 17, .	1.0	21
12	Systems Biology Graphical Notation: Process Description language Level 1 Version 2.0. <i>Journal of Integrative Bioinformatics</i> , 2019, 16, .	1.0	43
13	Community-driven roadmap for integrated disease maps. <i>Briefings in Bioinformatics</i> , 2019, 20, 659-670.	3.2	48
14	Human-like layout algorithms for signalling hypergraphs: outlining requirements. <i>Briefings in Bioinformatics</i> , 2018, , .	3.2	8
15	AsthmaMap: An expertâ€“driven computational representation of disease mechanisms. <i>Clinical and Experimental Allergy</i> , 2018, 48, 916-918.	1.4	21
16	A computational framework for complex disease stratification from multiple large-scale datasets. <i>BMC Systems Biology</i> , 2018, 12, 60.	3.0	43
17	Systems medicine disease maps: community-driven comprehensive representation of disease mechanisms. <i>Npj Systems Biology and Applications</i> , 2018, 4, 21.	1.4	84
18	Recon2Neo4j: applying graph database technologies for managing comprehensive genome-scale networks. <i>Bioinformatics</i> , 2017, 33, 1096-1098.	1.8	25

#	ARTICLE	IF	CITATIONS
19	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1797-1807.	1.5	236
20	EpiGeNet: A Graph Database of Interdependencies Between Genetic and Epigenetic Events in Colorectal Cancer. <i>Journal of Computational Biology</i> , 2017, 24, 969-980.	0.8	16
21	MINERVA—a platform for visualization and curation of molecular interaction networks. <i>Npj Systems Biology and Applications</i> , 2016, 2, 16020.	1.4	68
22	STON: exploring biological pathways using the SBGN standard and graph databases. <i>BMC Bioinformatics</i> , 2016, 17, 494.	1.2	19
23	Representing and querying disease networks using graph databases. <i>BioData Mining</i> , 2016, 9, 23.	2.2	75
24	Systems Medicine: The Future of Medical Genomics, Healthcare, and Wellness. <i>Methods in Molecular Biology</i> , 2016, 1386, 43-60.	0.4	29
25	A comprehensive machine-readable view of the mammalian cholesterol biosynthesis pathway. <i>Biochemical Pharmacology</i> , 2013, 86, 56-66.	2.0	64
26	A model of flux regulation in the cholesterol biosynthesis pathway: Immune mediated graduated flux reduction versus statin-like led stepped flux reduction. <i>Biochimie</i> , 2013, 95, 613-621.	1.3	32
27	A community-driven global reconstruction of human metabolism. <i>Nature Biotechnology</i> , 2013, 31, 419-425.	9.4	920
28	Wiring diagrams in biology: towards the standardized representation of biological information. <i>Trends in Biotechnology</i> , 2012, 30, 555-557.	4.9	13
29	Regulation and feedback of cholesterol metabolism. <i>Nature Precedings</i> , 2011, , .	0.1	5
30	The Edinburgh human metabolic network reconstruction and its functional analysis. <i>Molecular Systems Biology</i> , 2007, 3, 135.	3.2	364