Nadav Rappoport

List of Publications by Year
in descending order

27 papers	1,068 citations	840776 11 h-index	580821 25 g-index
34 all docs	34 docs citations	34 times ranked	1329 citing authors

#	Article	IF	Citations
1	An expanded evaluation of protein function prediction methods shows an improvement in accuracy. Genome Biology, 2016, 17, 184.	8.8	308
2	ProteinBERT: a universal deep-learning model of protein sequence and function. Bioinformatics, 2022, 38, 2102-2110.	4.1	193
3	Single-cell RNA-seq reveals cell typeâ€"specific molecular and genetic associations to lupus. Science, 2022, 376, eabf1970.	12.6	156
4	Significantly Improved COVID-19 Outcomes in Countries with Higher BCG Vaccination Coverage: A Multivariable Analysis. Vaccines, 2020, 8, 378.	4.4	65
5	ProtoNet 6.0: organizing 10 million protein sequences in a compact hierarchical family tree. Nucleic Acids Research, 2012, 40, D313-D320.	14.5	46
6	A genome-wide association study identifies only two ancestry specific variants associated with spontaneous preterm birth. Scientific Reports, 2018, 8, 226.	3.3	37
7	Bladder Cancer Immunotherapy by BCG Is Associated with a Significantly Reduced Risk of Alzheimerâ€™s Disease and Parkinsonâ€™s Disease. Vaccines, 2021, 9, 491.	4.4	37
8	Viral Proteins Acquired from a Host Converge to Simplified Domain Architectures. PLoS Computational Biology, 2012, 8, e1002364.	3.2	33
9	PatientExploreR: an extensible application for dynamic visualization of patient clinical history from electronic health records in the OMOP common data model. Bioinformatics, 2019, 35, 4515-4518.	4.1	28
10	Comparing Ethnicity-Specific Reference Intervals for Clinical Laboratory Tests from EHR Data. journal of applied laboratory medicine, The, 2018, 3, 366-377.	1.3	24
11	A model and test for coordinated polygenic epistasis in complex traits. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
12	ProtoNet: charting the expanding universe of protein sequences. Nature Biotechnology, 2013, 31, 290-292.	17.5	14
13	Overlooked Short Toxin-Like Proteins: A Shortcut to Drug Design. Toxins, 2017, 9, 350.	3.4	13
14	PANDORA: analysis of protein and peptide sets through the hierarchical integration of annotations. Nucleic Acids Research, 2010, 38, W84-W89.	14.5	11
15	NeuroPID: a classifier of neuropeptide precursors. Nucleic Acids Research, 2014, 42, W182-W186.	14.5	10
16	Tracing diagnosis trajectories over millions of patients reveal an unexpected risk in schizophrenia. Scientific Data, 2019, 6, 201.	5.3	10
17	Revisiting the Risk Factors for Endometriosis: A Machine Learning Approach. Journal of Personalized Medicine, 2022, 12, 1114.	2.5	9
18	Optimizing Operation Room Utilizationâ€"A Prediction Model. Big Data and Cognitive Computing, 2022, 6, 76.	4.7	8

#	ARTICLE	IF	CITATIONS
19	Trends in genome dynamics among major orders of insects revealed through variations in protein families. BMC Genomics, 2015, 16, 583.	2.8	5
20	The Little Known Universe of Short Proteins in Insects: A Machine Learning Approach. True Bugs (Heteroptera) of the Neotropics, 2015, , 177-202.	1.2	3
21	Entropy-driven partitioning of the hierarchical protein space. Bioinformatics, 2014, 30, i624-i630.	4.1	2
22	Do geography and ethnicity play a role in juvenile Spondyloarthritis? A multi-center binational retrospective study. Pediatric Rheumatology, 2021, 19, 4.	2.1	2
23	Functional inference by ProtoNet family tree: the uncharacterized proteome of Daphnia pulex. BMC Bioinformatics, 2013, 14, S11.	2.6	1
24	ProtoBug: functional families from the complete proteomes of insects. Database: the Journal of Biological Databases and Curation, 2015, 2015, bau122.	3.0	1
25	Deviation of Physiological from Chronological Age Is Associated with Health. Studies in Health Technology and Informatics, 2022, , .	0.3	1
26	THU0385â€…COMPARISON OF CLINICAL AND DEMOGRAPHIC FEATURES OF JUVENILE SPONDYLOARTHRITIS BETWEEN ISRAELI AND US CHILDREN. , 2019, , .		0
27	Multi-Dimensional Laboratory Test Score as a Proxy for Health. Studies in Health Technology and Informatics, 2022, , .	0.3	0