Assaf Gottlieb

List of Publications by Year
in descending order

34	1,985	471371	414303
papers	citations	17	32
		h-index	g-index

40	40	40	3052
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SynPathy: Predicting Drug Synergy through Drug-Associated Pathways Using Deep Learning. Molecular Cancer Research, 2022, 20, 762-769.	1.5	13
2	Time dependent analysis of rat microglial surface markers in traumatic brain injury reveals dynamics of distinct cell subpopulations. Scientific Reports, 2022, 12, 6289.	1.6	7
3	Tissue-Specific Variations in Transcription Factors Elucidate Complex Immune System Regulation. Genes, 2022, 13, 929.	1.0	0
4	A Method for Bridging Population-Specific Genotypes to Detect Gene Modules Associated with Alzheimer's Disease. Cells, 2022, 11, 2219.	1.8	0
5	Comparing diagnostic accuracy of current practice guidelines in predicting choledocholithiasis: outcomes from a large healthcare system comprising both academic and community settings. Gastrointestinal Endoscopy, 2021, 93, 1351-1359.	0.5	17
6	Explainable drug sensitivity prediction through cancer pathway enrichment. Scientific Reports, 2021, 11, 3128.	1.6	17
7	Population stratification enables modeling effects of reopening policies on mortality and hospitalization rates. Journal of Biomedical Informatics, 2021, 119, 103818.	2.5	5
8	A Phenotyping Algorithm to Identify People With HIV in Electronic Health Record Data (HIV-Phen): Development and Evaluation Study. JMIR Formative Research, 2021, 5, e28620.	0.7	4
9	SCOR: A secure international informatics infrastructure to investigate COVID-19. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1721-1726.	2.2	31
10	High-resolution and differential analysis of rat microglial markers in traumatic brain injury: conventional flow cytometric and bioinformatics analysis. Scientific Reports, 2020, 10, 11991.	1.6	19
11	Translational Bioinformatics Curricula in Graduate Biomedical Informatics Programs. Computers in Health Care, 2020, , 59-74.	0.2	0
12	Human brain transcriptome analysis finds region- and subject-specific expression signatures of GABAAR subunits. Communications Biology, 2019, 2, 153.	2.0	34
13	Estimating the effects of second-line therapy for type 2 diabetes mellitus: retrospective cohort study. BMJ Open Diabetes Research and Care, 2017, 5, e000435.	1.2	13
14	Cohort-specific imputation of gene expression improves prediction of warfarin dose for African Americans. Genome Medicine, 2017, 9, 98.	3.6	11
15	Fast and Efficient Feature Engineering for Multi-Cohort Analysis of EHR Data. Studies in Health Technology and Informatics, 2017, 235, 181-185.	0.2	9
16	3D computational reconstruction of tissues with hollow spherical morphologies using single-cell gene expression data. Nature Protocols, 2015, 10, 459-474.	5.5	20
17	Ranking Adverse Drug Reactions With Crowdsourcing. Journal of Medical Internet Research, 2015, 17, e80.	2.1	35
18	Integrating Systems Biology Sources Illuminates Drug Action. Clinical Pharmacology and Therapeutics, 2014, 95, 663-669.	2.3	20

#	Article	IF	Citations
19	Reconstruction of the Mouse Otocyst and Early Neuroblast Lineage at Single-Cell Resolution. Cell, 2014, 157, 964-978.	13.5	140
20	A method for inferring medical diagnoses from patient similarities. BMC Medicine, 2013, 11, 194.	2.3	57
21	Environmental Stresses Disrupt Telomere Length Homeostasis. PLoS Genetics, 2013, 9, e1003721.	1.5	89
22	Large-Scale Elucidation of Drug Response Pathways in Humans. Journal of Computational Biology, 2012, 19, 163-174.	0.8	31
23	INDI: a computational framework for inferring drug interactions and their associated recommendations. Molecular Systems Biology, 2012, 8, 592.	3.2	208
24	PREDICT: a method for inferring novel drug indications with application to personalized medicine. Molecular Systems Biology, 2011, 7, 496.	3.2	655
25	Common Peptides Study of Aminoacyl-tRNA Synthetases. PLoS ONE, 2011, 6, e20361.	1.1	4
26	Combining Drug and Gene Similarity Measures for Drug-Target Elucidation. Journal of Computational Biology, 2011, 18, 133-145.	0.8	174
27	PRINCIPLE: a tool for associating genes with diseases via network propagation. Bioinformatics, 2011, 27, 3325-3326.	1.8	42
28	UFFizi: a generic platform for ranking informative features. BMC Bioinformatics, 2010, 11, 300.	1.2	2
29	Stratification of co-evolving genomic groups using ranked phylogenetic profiles. BMC Bioinformatics, 2009, 10, 355.	1.2	8
30	Common peptides shed light on evolution of Olfactory Receptors. BMC Evolutionary Biology, 2009, 9, 91.	3.2	7
31	Data mining of protein families using common peptides. Nature Precedings, 2008, , .	0.1	1
32	Unsupervised feature selection under perturbations: meeting the challenges of biological data. Bioinformatics, 2007, 23, 3343-3349.	1.8	22
33	Novel Unsupervised Feature Filtering of Biological Data. Bioinformatics, 2006, 22, e507-e513.	1.8	149
34	Algorithm for Data Clustering in Pattern Recognition Problems Based on Quantum Mechanics. Physical Review Letters, 2001, 88, 018702.	2.9	132