

Dong-Yeon Cho

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

888
citations

759233

12
h-index

1058476

14
g-index

23
all docs

23
docs citations

23
times ranked

1614
citing authors

#	ARTICLE	IF	CITATIONS
1	Chapter 5: Network Biology Approach to Complex Diseases. PLoS Computational Biology, 2012, 8, e1002820.	3.2	239
2	Mediation of Drosophila autosomal dosage effects and compensation by network interactions. Genome Biology, 2012, 13, R28.	9.6	98
3	DNA copy number evolution in Drosophila cell lines. Genome Biology, 2014, 15, R70.	8.8	96
4	Identification of biochemical networks by S-tree based genetic programming. Bioinformatics, 2006, 22, 1631-1640.	4.1	87
5	MEMCover: integrated analysis of mutual exclusivity and functional network reveals dysregulated pathways across multiple cancer types. Bioinformatics, 2015, 31, i284-i292.	4.1	87
6	Transcription Factor Networks in Drosophila melanogaster. Cell Reports, 2014, 8, 2031-2043.	6.4	83
7	Understanding Genotype-Phenotype Effects in Cancer via Network Approaches. PLoS Computational Biology, 2016, 12, e1004747.	3.2	51
8	Effects of Gene Dose, Chromatin, and Network Topology on Expression in Drosophila melanogaster. PLoS Genetics, 2016, 12, e1006295.	3.5	38
9	A central role for PI3K-AKT signaling pathway in linking SAMHD1-deficiency to the type I interferon signature. Scientific Reports, 2018, 8, 84.	3.3	29
10	Reprogramming of regulatory network using expression uncovers sex-specific gene regulation in Drosophila. Nature Communications, 2018, 9, 4061.	12.8	23
11	System identification using evolutionary Markov chain Monte Carlo. Journal of Systems Architecture, 2001, 47, 587-599.	4.3	18
12	Dissecting cancer heterogeneity with a probabilistic genotype-phenotype model. Nucleic Acids Research, 2013, 41, 8011-8020.	14.5	17
13	Dosage-Dependent Expression Variation Suppressed on the <i>Drosophila</i> Male X Chromosome. G3: Genes, Genomes, Genetics, 2018, 8, 587-598.	1.8	9
14	Evolving neural trees for time series prediction using Bayesian evolutionary algorithms. , 0, , .		6
15	Evolving complex group behaviors using genetic programming with fitness switching. Artificial Life and Robotics, 2000, 4, 103-108.	1.2	3
16	Finding Cancer-Related Gene Combinations Using a Molecular Evolutionary Algorithm. , 2007, , .		2
17	Bayesian evolutionary algorithms for evolving neural tree models of time series data. , 0, , .		1
18	Evolutionary optimization by distribution estimation with mixtures of factor analyzers. , 0, , .		1