Yazdan Asgari

List of Publications by Citations

32 papers	**319** citations	**9** h-index	**17** g-index
38 ext. papers	**421** ext. citations	**3.4** avg, IF	**3.52** L-index

#	Paper	IF	Citations
32	Alterations in cancer cell metabolism: the Warburg effect and metabolic adaptation. *Genomics*, **2015**, 105, 275-81	4.3	66
31	CentiServer: A Comprehensive Resource, Web-Based Application and R Package for Centrality Analysis. *PLoS ONE*, **2015**, 10, e0143111	3.7	51
30	Controllability in cancer metabolic networks according to drug targets as driver nodes. *PLoS ONE*, **2013**, 8, e79397	3.7	44
29	Metabolic cancer biology: structural-based analysis of cancer as a metabolic disease, new sights and opportunities for disease treatment. *Seminars in Cancer Biology*, **2015**, 30, 21-9	12.7	31
28	Computer simulation study of the Levy flight process. *Physica A: Statistical Mechanics and Its Applications*, **2009**, 388, 1509-1514	3.3	19
27	Network-based approach reveals Y chromosome influences prostate cancer susceptibility. *Computers in Biology and Medicine*, **2014**, 54, 24-31	7	17
26	Identification of candidate genes and proteins in aging skeletal muscle (sarcopenia) using gene expression and structural analysis. *PeerJ*, **2018**, 6, e5239	3.1	15
25	Obtaining critical point and shift exponent for the anisotropic two-layer Ising and Potts models: Cellular automata approach. *Physica A: Statistical Mechanics and Its Applications*, **2008**, 387, 1937-1946	3.3	9
24	Computational analysis of reciprocal association of metabolism and epigenetics in the budding yeast: a genome-scale metabolic model (GSMM) approach. *PLoS ONE*, **2014**, 9, e111686	3.7	9
23	iMM1865: A New Reconstruction of Mouse Genome-Scale Metabolic Model. *Scientific Reports*, **2020**, 10, 6177	4.9	6
22	Reconstruction and Analysis of Cattle Metabolic Networks in Normal and Acidosis Rumen Tissue. *Animals*, **2020**, 10,	3.1	6
21	A network analysis of angiogenesis/osteogenesis-related growth factors in bone tissue engineering based on in-vitro and in-vivo data: A systems biology approach. *Tissue and Cell*, **2021**, 72, 101553	2.7	6
20	Exploring candidate biomarkers for lung and prostate cancers using gene expression and flux variability analysis. *Integrative Biology (United Kingdom)*, **2018**, 10, 113-120	3.7	5
19	MGL_3741 gene contributes to pathogenicity of Malassezia globosa in pityriasis versicolor. *Mycoses*, **2018**, 61, 938-944	5.2	5
18	CONSTRUCTING THE CRITICAL CURVE FOR THE TWO-LAYER POTTS MODEL USING CELLULAR AUTOMATA. *Journal of Theoretical and Computational Chemistry*, **2006**, 05, 141-150	1.8	5
17	Paclitaxel resistance resulted in a stem-like state in triple-negative breast cancer: A systems biology approach. *Meta Gene*, **2020**, 26, 100800	0.7	4
16	A systematic review of long non-coding RNAs with a potential role in breast cancer. *Mutation Research - Reviews in Mutation Research*, **2021**, 787, 108375	7	4

LIST OF PUBLICATIONS

15	Calculation of the Critical Point for Two-Layer Ising and Potts Models Using Cellular Automata. *Lecture Notes in Computer Science*, **2004**, 709-718	0.9	3
14	Analysis of the enzyme network involved in cattle milk production using graph theory. *Molecular Biology Research Communications*, **2015**, 4, 93-103	1.6	3
13	Network analysis reveals essential proteins that regulate sodium-iodide symporter expression in anaplastic thyroid carcinoma. *Scientific Reports*, **2020**, 10, 21440	4.9	3
12	Expression Analysis of Long Non-Coding RNAs Related With FOXM1, GATA3, FOXA1 and ESR1 in Breast Tissues. *Frontiers in Oncology*, **2021**, 11, 671418	5.3	3
11	SCAN-Toolbox: Structural COBRA Add-oN (SCAN) for Analysing Large Metabolic Networks. *Current Bioinformatics*, **2018**, 13, 100-107	4.7	1
10	Binder design for targeting SARS-CoV-2 spike protein: An in silico perspective. *Gene Reports*, **2022**, 26, 101452	1.4	1
9	Flux variability analysis reveals a tragedy of commons in cancer cells. *SN Applied Sciences*, **2020**, 2, 1	1.8	1
8	Unveiling the structure of GPI-anchored protein of Malassezia globosa and its pathogenic role in pityriasis versicolor. *Journal of Molecular Modeling*, **2021**, 27, 246	2	0
7	Thioredoxin is a potential pathogenesis attribute of Malassezia globosa and Malassezia sympodialis in pityriasis versicolor. *Gene Reports*, **2019**, 17, 100468	1.4	
6	Integration of Metabolic Knowledge for Genome-Scale Metabolic Reconstruction **2013**, 1023-1048		
5	Constructing mRNA, miRNA, circRNA and lncRNA regulatory network by Analysis of microarray data in breast cancer. *Gene Reports*, **2022**, 26, 101510	1.4	
4	Lattice Gas Automata Simulation of 2D Site-Percolation Diffusion: Configuration Dependence of the Theoretically Expected Crossover of Diffusion Regime. *Lecture Notes in Computer Science*, **2008**, 274-281	0.9	1
3	New Biomarkers Based on Smoking-Related Phenotypes for Smoking Cessation Outcomes of Nicotine Replacement Therapy: A Prospective Study.. *Basic and Clinical Neuroscience*, **2021**, 12, 639-650	1.4	
2	On the possibility of oscillating in the Ebola virus dynamics and investigating the effect of the lifetime of T lymphocytes.. *PLoS ONE*, **2022**, 17, e0265065	3.7	
1	Screening of candidate genes associated with high titer production of oncolytic measles virus based on systems biology approach.. *Virus Genes*, **2022**, 1	2.3	