

Yazdan Asgari

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Constructing mRNA, miRNA, circRNA and lncRNA regulatory network by Analysis of microarray data in breast cancer. <i>Gene Reports</i> , 2022 , 26, 101510	1.4	
31	Binder design for targeting SARS-CoV-2 spike protein: An in silico perspective. <i>Gene Reports</i> , 2022 , 26, 101452	1.4	1
30	On the possibility of oscillating in the Ebola virus dynamics and investigating the effect of the lifetime of T lymphocytes.. <i>PLoS ONE</i> , 2022 , 17, e0265065	3.7	
29	Screening of candidate genes associated with high titer production of oncolytic measles virus based on systems biology approach.. <i>Virus Genes</i> , 2022 , 1	2.3	
28	Expression Analysis of Long Non-Coding RNAs Related With FOXM1, GATA3, FOXA1 and ESR1 in Breast Tissues. <i>Frontiers in Oncology</i> , 2021 , 11, 671418	5.3	3
27	New Biomarkers Based on Smoking-Related Phenotypes for Smoking Cessation Outcomes of Nicotine Replacement Therapy: A Prospective Study.. <i>Basic and Clinical Neuroscience</i> , 2021 , 12, 639-650	1.4	
26	A systematic review of long non-coding RNAs with a potential role in breast cancer. <i>Mutation Research - Reviews in Mutation Research</i> , 2021 , 787, 108375	7	4
25	Unveiling the structure of GPI-anchored protein of <i>Malassezia globosa</i> and its pathogenic role in pityriasis versicolor. <i>Journal of Molecular Modeling</i> , 2021 , 27, 246	2	0
24	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. <i>Tissue and Cell</i> , 2021 , 72, 101553	2.7	6
23	iMM1865: A New Reconstruction of Mouse Genome-Scale Metabolic Model. <i>Scientific Reports</i> , 2020 , 10, 6177	4.9	6
22	Reconstruction and Analysis of Cattle Metabolic Networks in Normal and Acidosis Rumen Tissue. <i>Animals</i> , 2020 , 10,	3.1	6
21	Paclitaxel resistance resulted in a stem-like state in triple-negative breast cancer: A systems biology approach. <i>Meta Gene</i> , 2020 , 26, 100800	0.7	4
20	Flux variability analysis reveals a tragedy of commons in cancer cells. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	1
19	Network analysis reveals essential proteins that regulate sodium-iodide symporter expression in anaplastic thyroid carcinoma. <i>Scientific Reports</i> , 2020 , 10, 21440	4.9	3
18	Thioredoxin is a potential pathogenesis attribute of <i>Malassezia globosa</i> and <i>Malassezia sympodialis</i> in pityriasis versicolor. <i>Gene Reports</i> , 2019 , 17, 100468	1.4	
17	Exploring candidate biomarkers for lung and prostate cancers using gene expression and flux variability analysis. <i>Integrative Biology (United Kingdom)</i> , 2018 , 10, 113-120	3.7	5
16	SCAN-Toolbox: Structural COBRA Add-on (SCAN) for Analysing Large Metabolic Networks. <i>Current Bioinformatics</i> , 2018 , 13, 100-107	4.7	1

15	MGL_3741 gene contributes to pathogenicity of <i>Malassezia globosa</i> in pityriasis versicolor. <i>Mycoses</i> , 2018 , 61, 938-944	5.2	5
14	Identification of candidate genes and proteins in aging skeletal muscle (sarcopenia) using gene expression and structural analysis. <i>PeerJ</i> , 2018 , 6, e5239	3.1	15
13	Alterations in cancer cell metabolism: the Warburg effect and metabolic adaptation. <i>Genomics</i> , 2015 , 105, 275-81	4.3	66
12	Metabolic cancer biology: structural-based analysis of cancer as a metabolic disease, new sights and opportunities for disease treatment. <i>Seminars in Cancer Biology</i> , 2015 , 30, 21-9	12.7	31
11	CentiServer: A Comprehensive Resource, Web-Based Application and R Package for Centrality Analysis. <i>PLoS ONE</i> , 2015 , 10, e0143111	3.7	51
10	Analysis of the enzyme network involved in cattle milk production using graph theory. <i>Molecular Biology Research Communications</i> , 2015 , 4, 93-103	1.6	3
9	Network-based approach reveals Y chromosome influences prostate cancer susceptibility. <i>Computers in Biology and Medicine</i> , 2014 , 54, 24-31	7	17
8	Computational analysis of reciprocal association of metabolism and epigenetics in the budding yeast: a genome-scale metabolic model (GSMM) approach. <i>PLoS ONE</i> , 2014 , 9, e111686	3.7	9
7	Controllability in cancer metabolic networks according to drug targets as driver nodes. <i>PLoS ONE</i> , 2013 , 8, e79397	3.7	44
6	Integration of Metabolic Knowledge for Genome-Scale Metabolic Reconstruction 2013 , 1023-1048		
5	Computer simulation study of the Levy flight process. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009 , 388, 1509-1514	3.3	19
4	Obtaining critical point and shift exponent for the anisotropic two-layer Ising and Potts models: Cellular automata approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008 , 387, 1937-1946	3.3	9
3	Lattice Gas Automata Simulation of 2D Site-Percolation Diffusion: Configuration Dependence of the Theoretically Expected Crossover of Diffusion Regime. <i>Lecture Notes in Computer Science</i> , 2008 , 274-281	0.9	1
2	CONSTRUCTING THE CRITICAL CURVE FOR THE TWO-LAYER POTTS MODEL USING CELLULAR AUTOMATA. <i>Journal of Theoretical and Computational Chemistry</i> , 2006 , 05, 141-150	1.8	5
1	Calculation of the Critical Point for Two-Layer Ising and Potts Models Using Cellular Automata. <i>Lecture Notes in Computer Science</i> , 2004 , 709-718	0.9	3