

# Bahram Goliaei

## 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.

48  
papers

583  
citations

13  
h-index

23  
g-index

52  
ext. papers

718  
ext. citations

3.6  
avg, IF

3.93  
L-index

#	Paper	IF	Citations
48	Analyzing large scale gene expression data in colorectal cancer reveals important clues; CLCA1 and SELENBP1 downregulated in CRC not in normal and not in adenoma.. <i>American Journal of Cancer Research</i> , <b>2022</b> , 12, 371-380	4.4	
47	Designing a new alginate-fibrinogen biomaterial composite hydrogel for wound healing.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7213	4.9	2
46	Dormant Tumor Cell Vaccination: A Mathematical Model of Immunological Dormancy in Triple-Negative Breast Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	5
45	Optogenetic Stimulation of Primary Cardiomyocytes Expressing ChR2. <i>Journal of Lasers in Medical Sciences</i> , <b>2021</b> , 12, e32	1.6	1
44	The state of the art of biomedical applications of optogenetics. <i>Lasers in Surgery and Medicine</i> , <b>2021</b> ,	3.6	2
43	Conifer: clonal tree inference for tumor heterogeneity with single-cell and bulk sequencing data. <i>BMC Bioinformatics</i> , <b>2021</b> , 22, 416	3.6	1
42	Butein combined with radiotherapy enhances radioresponse of gastric cancer cell by impairing DNA damage repair. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 570, 35-40	3.4	
41	Mathematical modeling approach of cancer immunoediting reveals new insights in targeted-therapy and timing plan of cancer treatment. <i>Chaos, Solitons and Fractals</i> , <b>2021</b> , 152, 111349	9.3	0
40	Noise-driven cell differentiation and the emergence of spatiotemporal patterns. <i>PLoS ONE</i> , <b>2020</b> , 15, e0232060	3.7	5
39	A novel pattern matching algorithm for genomic patterns related to protein motifs. <i>Journal of Bioinformatics and Computational Biology</i> , <b>2020</b> , 18, 2050011	1	
38	Class II Hydrophobin HFBII: A Potential Carrier for Antitumor Agents. <i>Current Bioactive Compounds</i> , <b>2020</b> , 16, 80-84	0.9	1
37	Theranostic $\beta$ -Lactalbumin-Polymer-Based Nanocomposite as a Drug Delivery Carrier for Cancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , <b>2019</b> , 5, 5189-5208	5.5	10
36	Active repurposing of drug candidates for melanoma based on GWAS, PheWAS and a wide range of omics data. <i>Molecular Medicine</i> , <b>2019</b> , 25, 30	6.2	7
35	Systematic analysis of genes and diseases using PheWAS-Associated networks. <i>Computers in Biology and Medicine</i> , <b>2019</b> , 109, 311-321	7	5
34	Direct and indirect effects of exposure to 900 MHz GSM radiofrequency electromagnetic fields on CHO cell line: Evidence of bystander effect by non-ionizing radiation. <i>Environmental Research</i> , <b>2019</b> , 174, 176-187	7.9	4
33	Gold-capped mesoporous silica nanoparticles as an excellent enzyme-responsive nanocarrier for controlled doxorubicin delivery. <i>Journal of Drug Targeting</i> , <b>2019</b> , 27, 1084-1093	5.4	25
32	Modulation of cardiac optogenetics by vitamin A. <i>BioFactors</i> , <b>2019</b> , 45, 983-990	6.1	4

31	Magnetic bio-metal-organic framework nanocomposites decorated with folic acid conjugated chitosan as a promising biocompatible targeted theranostic system for cancer treatment. <i>Materials Science and Engineering C</i> , <b>2019</b> , 99, 805-815	8.3	55
30	Modeling the probability distribution of the bacterial burst size via a game-theoretic approach. <i>Journal of Bioinformatics and Computational Biology</i> , <b>2018</b> , 16, 1850012	1	
29	Curcumin-lipoic acid conjugate as a promising anticancer agent on the surface of gold-iron oxide nanocomposites: A pH-sensitive targeted drug delivery system for brain cancer theranostics. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 114, 175-188	5.1	53
28	A biophysical study on the mechanism of interactions of DOX or PTX with $\beta$ -lactalbumin as a delivery carrier. <i>Scientific Reports</i> , <b>2018</b> , 8, 17345	4.9	12
27	Plasmid DNA affinity partitioning using polyethylene glycol - sodium sulfate aqueous two-phase systems. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1044-1045, 112-119	3.2	16
26	Photobiomodulation leads to enhanced radiosensitivity through induction of apoptosis and autophagy in human cervical cancer cells. <i>Journal of Biophotonics</i> , <b>2017</b> , 10, 1732-1742	3.1	26
25	Characterization of surface binding sites in glycoside hydrolases: A computational study. <i>Journal of Molecular Recognition</i> , <b>2017</b> , 30, e2624	2.6	9
24	A network biology approach to understanding the importance of chameleon proteins in human physiology and pathology. <i>Amino Acids</i> , <b>2017</b> , 49, 303-315	3.5	2
23	Computational Identification of MicroRNAs and Their Transcript Target(s) in Field Mustard (L.). <i>Iranian Journal of Biotechnology</i> , <b>2017</b> , 15, 22-32	1	7
22	Enterolactone: A novel radiosensitizer for human breast cancer cell lines through impaired DNA repair and increased apoptosis. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 313, 180-194	4.6	19
21	Antioxidant activity of low molecular weight alginate produced by thermal treatment. <i>Food Chemistry</i> , <b>2016</b> , 196, 897-902	8.5	64
20	Chameleon sequences in neurodegenerative diseases. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 472, 209-16	3.4	8
19	Microdosimetry of DNA conformations: relation between direct effect of (60)Co gamma rays and topology of DNA geometrical models in the calculation of A-, B- and Z-DNA radiation-induced damage yields. <i>Radiation and Environmental Biophysics</i> , <b>2016</b> , 55, 243-54	2	2
18	Variability of the Cyclin-Dependent Kinase 2 Flexibility Without Significant Change in the Initial Conformation of the Protein or Its Environment; a Computational Study. <i>Iranian Journal of Biotechnology</i> , <b>2016</b> , 14, 1-12	1	0
17	Identification and Characterization of Novel miRNAs in <i>Chlamydomonas reinhardtii</i> by Computational Methods. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , <b>2016</b> , 5, 66-77	2.9	11
16	Caffeic Acid Phenethyl Ester Increases Radiosensitivity of Estrogen Receptor-Positive and -Negative Breast Cancer Cells by Prolonging Radiation-Induced DNA Damage. <i>Journal of Breast Cancer</i> , <b>2016</b> , 19, 18-25	3	27
15	Equol as a potent radiosensitizer in estrogen receptor-positive and -negative human breast cancer cell lines. <i>Breast Cancer</i> , <b>2015</b> , 22, 382-90	3.4	14
14	Inferring interaction type in gene regulatory networks using co-expression data. <i>Algorithms for Molecular Biology</i> , <b>2015</b> , 10, 23	1.8	16

13	Protein complex discovery by interaction filtering from protein interaction networks using mutual rank coexpression and sequence similarity. <i>BioMed Research International</i> , <b>2015</b> , 2015, 165186	3	1
12	Comparative Analysis of Prostate Cancer Gene Regulatory Networks via Hub Type Variation. <i>Avicenna Journal of Medical Biotechnology</i> , <b>2015</b> , 7, 8-15	1.4	2
11	Dependency of codon usage on protein sequence patterns: a statistical study. <i>Theoretical Biology and Medical Modelling</i> , <b>2014</b> , 11, 2	2.3	2
10	Network-based approach reveals Y chromosome influences prostate cancer susceptibility. <i>Computers in Biology and Medicine</i> , <b>2014</b> , 54, 24-31	7	17
9	Effects of barley $\beta$ glucan on radiation damage in the human hepatoma cell line HepG2. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2014</b> , 775-776, 1-6	3	13
8	Protein-protein interaction networks (PPI) and complex diseases. <i>Gastroenterology and Hepatology From Bed To Bench</i> , <b>2014</b> , 7, 17-31	1.2	92
7	Analysis of candidate genes has proposed the role of y chromosome in human prostate cancer. <i>Iranian Journal of Cancer Prevention</i> , <b>2014</b> , 7, 204-11		2
6	Lithium increases radiosensitivity by abrogating DNA repair in breast cancer spheroid culture. <i>Archives of Iranian Medicine</i> , <b>2014</b> , 17, 352-60	2.4	9
5	Unfolding mechanism of PHD2 as a vital protein: all-atom simulation approach. <i>Journal of the Iranian Chemical Society</i> , <b>2013</b> , 10, 907-914	2	
4	Apoptotic and necrotic effects of pectic acid on rat pituitary GH3/B6 tumor cells. <i>Iranian Biomedical Journal</i> , <b>2009</b> , 13, 229-36	2	17
3	Pectic acid effects on prolactin secretion in GH3/B6 rat pituitary cell line. <i>Iranian Biomedical Journal</i> , <b>2008</b> , 12, 167-72	2	
2	Effects of hyperthermia on the differentiation and growth of K562 erythroleukemic cell line. <i>Leukemia Research</i> , <b>2004</b> , 28, 1323-8	2.7	2
1	Exceptional pairs of amino acid neighbors in alpha-helices. <i>FEBS Letters</i> , <b>2003</b> , 537, 121-7	3.8	11