

Mahmood Tavallaie

List of Publications by Citations

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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.

41
papers

616
citations

16
h-index

23
g-index

42
ext. papers

720
ext. citations

3.3
avg, IF

3.81
L-index

#	Paper	IF	Citations
41	Interaction between the two subdomains of the C-terminal part of the botulinum neurotoxin A is essential for the generation of protective antibodies. <i>FEBS Letters</i> , 2004 , 572, 299-306	3.8	60
40	miR-21-5p, miR-141-3p, and miR-205-5p levels in urine-promising biomarkers for the identification of prostate and bladder cancer. <i>Prostate</i> , 2019 , 79, 88-95	4.2	47
39	Selection of DNA aptamers against Human Cardiac Troponin I for colorimetric sensor based dot blot application. <i>Journal of Biotechnology</i> , 2015 , 208, 80-6	3.7	42
38	OCT4B1, a novel spliced variant of OCT4, generates a stable truncated protein with a potential role in stress response. <i>Cancer Letters</i> , 2011 , 309, 170-5	9.9	39
37	Aberrant Expression of Breast Development-Related MicroRNAs, miR-22, miR-132, and miR-212, in Breast Tumor Tissues. <i>Journal of Breast Cancer</i> , 2016 , 19, 148-55	3	35
36	Gene expression alterations of neurotrophins, their receptors and prohormone convertases in a rat model of spinal cord contusion. <i>Neuroscience Letters</i> , 2008 , 441, 261-6	3.3	27
35	Overexpression of transforming growth factor (TGF)-beta1 and TGF-beta3 genes in lung of toxic-inhaled patients. <i>Experimental Lung Research</i> , 2010 , 36, 284-91	2.3	26
34	A panel of noncoding RNAs in non-small-cell lung cancer. <i>Journal of Cellular Biochemistry</i> , 2018 , 120, 8280	4.7	26
33	Identification of Reliable Reference Genes for Quantification of MicroRNAs in Serum Samples of Sulfur Mustard-Exposed Veterans. <i>Cell Journal</i> , 2015 , 17, 494-501	2.4	25
32	miR-9: From function to therapeutic potential in cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 14651-7	7	21
31	Altered miR-223 Expression in Sputum for Diagnosis of Non-Small Cell Lung Cancer. <i>Avicenna Journal of Medical Biotechnology</i> , 2017 , 9, 189-195	1.4	21
30	MiRNA molecular profiles in human medical conditions: connecting lung cancer and lung development phenomena. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 9557-65	1.7	21
29	Two lung development-related microRNAs, miR-134 and miR-187, are differentially expressed in lung tumors. <i>Gene</i> , 2016 , 577, 221-6	3.8	18
28	Site-directed mutagenesis enhances the activity of NADH-FMN oxidoreductase (DszD) activity of <i>Rhodococcus erythropolis</i> . <i>Biotechnology Letters</i> , 2010 , 32, 921-7	3	18
27	Up-regulation of MSH2, XRCC1 and ATM genes in patients with type 2 diabetes and coronary artery disease. <i>Diabetes Research and Clinical Practice</i> , 2015 , 109, 500-6	7.4	16
26	The functional significance of 14-3-3 proteins in cancer: focus on lung cancer. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2017 , 32,	1.3	16
25	A plausible anti-apoptotic role of up-regulated OCT4B1 in bladder tumors. <i>Urology Journal</i> , 2012 , 9, 574-80	8.0	16

24	High level expression of recombinant BoNT/A-Hc by high cell density cultivation of Escherichia coli. <i>Bioprocess and Biosystems Engineering</i> , 2012 , 35, 407-14	3.7	15
23	Optimization of the BoNT/A-Hc expression in recombinant Escherichia coli using the Taguchi statistical method. <i>Biotechnology and Applied Biochemistry</i> , 2010 , 56, 35-42	2.8	15
22	p75NTR suppression in rat bone marrow stromal stem cells significantly reduced their rate of apoptosis during neural differentiation. <i>Neuroscience Letters</i> , 2011 , 498, 15-9	3.3	14
21	Correlation of major histocompatibility complex class I related A (MICA) polymorphism with the risk of developing breast cancer. <i>Medical Oncology</i> , 2012 , 29, 5-9	3.7	10
20	Proprotein convertases 1 and 2 (PC1 and PC2) are expressed in neurally differentiated rat bone marrow stromal stem cells (BMSCs). <i>Neuroscience Letters</i> , 2007 , 420, 198-203	3.3	10
19	LncRNA HSPC324 plays role in lung development and tumorigenesis. <i>Genomics</i> , 2020 , 112, 2615-2622	4.3	9
18	Normalization of miRNA qPCR high-throughput data: a comparison of methods. <i>Biotechnology Letters</i> , 2013 , 35, 843-51	3	9
17	Differential gene expression and alternative splicing of survivin following mouse sciatic nerve injury. <i>Spinal Cord</i> , 2009 , 47, 739-44	2.7	8
16	A systems biology approach for miRNA-mRNA expression patterns analysis in non-small cell lung cancer. <i>Cancer Biomarkers</i> , 2016 , 16, 31-45	3.8	7
15	Evaluation of miR-9 and miR-143 expression in urine specimens of sulfur mustard exposed patients. <i>Interdisciplinary Toxicology</i> , 2015 , 8, 169-74	2.3	7
14	Co-regulated expression of TGF- β variants and miR-21 in bladder cancer. <i>Urology Journal</i> , 2013 , 10, 981-70.9	3.0	7
13	Down-regulation of TGF- β 1, TGF- β receptor 2, and TGF- β -associated microRNAs, miR-20a and miR-21, in skin lesions of sulfur mustard-exposed Iranian war veterans. <i>Journal of Receptor and Signal Transduction Research</i> , 2015 , 35, 634-9	2.6	6
12	Neurogenic and mitotic effects of dehydroepiandrosterone on neuronal-competent marrow mesenchymal stem cells. <i>International Journal of Developmental Biology</i> , 2009 , 53, 579-84	1.9	5
11	Exogenous Expression of Nt-3 and TrkC Genes in Bone Marrow Stromal Cells Elevated the Survival Rate of the Cells in the Course of Neural Differentiation. <i>Cellular and Molecular Neurobiology</i> , 2017 , 37, 1187-1194	4.6	4
10	Imatinib independent aberrant methylation of NOV/CCN3 in chronic myelogenous leukemia patients: a mechanism upstream of BCR-ABL1 function?. <i>Cell Communication and Signaling</i> , 2019 , 17, 38	7.5	4
9	Decreased expression of miR-20a and miR-92a in the serum from sulfur mustard-exposed patients during the chronic phase of resulting illness. <i>Inhalation Toxicology</i> , 2015 , 27, 682-8	2.7	2
8	Considering smoking status, coexpression network analysis of non-small cell lung cancer at different cancer stages, exhibits important genes and pathways. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 19172-19185	4.7	2
7	Evaluation of the Epigenetic Biomarker Bone Morphogenic Protein 3 for Colorectal Cancer Diagnosis. <i>Journal of Clinical and Diagnostic Research JCDR</i> ,	0	2

6	Clinical population genetic analysis of variants in the SARS-CoV-2 receptor ACE2		2
5	Comparison of oncolytic virotherapy and nanotherapy as two new miRNA delivery approaches in lung cancer. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111755	7.5	2
4	Identification of a molten globule like state in HC-N fragment of botulinum neurotoxin A: shedding light on the poorly-known features of a conserved sub-domain. <i>Protein and Peptide Letters</i> , 2009 , 16, 660-3	1.9	1
3	Alteration of TGFB1, GDF9, and BMPR2 gene expression in preantral follicles of an estradiol valerate-induced polycystic ovary mouse model can lead to anovulation, polycystic morphology, obesity, and absence of hyperandrogenism. <i>Clinical and Experimental Reproductive Medicine</i> , 2021 , 48, 245-254	2.2	1
2	Recent innovations and in-depth aspects of post-genome wide association study (Post-GWAS) to understand the genetic basis of complex phenotypes. <i>Heredity</i> , 2021 , 127, 485-497	3.6	0
1	A Predicted Molecular Model for Development of Human Intelligence. <i>Neurochemical Journal</i> , 2018 , 12, 210-221	0.5	