Mahmood Tavallaie

List of Publications by Year
in descending order

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41	810	471061	525886
papers	citations	17	27
		h-index	g-index

42	42	42	1465
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	miRâ€21â€5p, miRâ€141â€3p, and miRâ€205â€5p levels in urineâ€"promising biomarkers for the identification of prostate and bladder cancer. Prostate, 2019, 79, 88-95.	1.2	80
2	Interaction between the two subdomains of the C-terminal part of the botulinum neurotoxin A is essential for the generation of protective antibodies. FEBS Letters, 2004, 572, 299-306.	1.3	66
3	Selection of DNA aptamers against Human Cardiac Troponin I for colorimetric sensor based dot blot application. Journal of Biotechnology, 2015, 208, 80-86.	1.9	61
4	Aberrant Expression of Breast Development-Related MicroRNAs, miR-22, miR-132, and miR-212, in Breast Tumor Tissues. Journal of Breast Cancer, 2016, 19, 148.	0.8	46
5	OCT4B1, a novel spliced variant of OCT4, generates a stable truncated protein with a potential role in stress response. Cancer Letters, 2011, 309, 170-175.	3.2	41
6	A panel of noncoding RNAs in nonâ€"smallâ€cell lung cancer. Journal of Cellular Biochemistry, 2019, 120, 8280-8290.	1.2	41
7	miRâ€9: From function to therapeutic potential in cancer. Journal of Cellular Physiology, 2019, 234, 14651-14665.	2.0	36
8	Gene expression alterations of neurotrophins, their receptors and prohormone convertases in a rat model of spinal cord contusion. Neuroscience Letters, 2008, 441, 261-266.	1.0	31
9	Identification of Reliable Reference Genes for Quantification of MicroRNAs in Serum Samples of Sulfur Mustard-Exposed Veterans. Cell Journal, 2015, 17, 494-501.	0.2	31
10	Overexpression of transforming growth factor (TGF)-Î²1 andTGF-Î²3 genes in lung of toxic-inhaled patients. Experimental Lung Research, 2010, 36, 284-291.	0.5	28
11	MiRNA Molecular Profiles in Human Medical Conditions: Connecting Lung Cancer and Lung Development Phenomena. Asian Pacific Journal of Cancer Prevention, 2014, 15, 9557-9565.	0.5	26
12	Altered miR-223 Expression in Sputum for Diagnosis of Non-Small Cell Lung Cancer. Avicenna Journal of Medical Biotechnology, 2017, 9, 189-195.	0.2	25
13	Two lung development-related microRNAs, miR-134 and miR-187, are differentially expressed in lung tumors. Gene, 2016, 577, 221-226.	1.0	23
14	Up-regulation of MSH2, XRCC1 and ATM genes in patients with type 2 diabetes and coronary artery disease. Diabetes Research and Clinical Practice, 2015, 109, 500-506.	1.1	22
15	The functional significance of 14-3-3 proteins in cancer: focus on lung cancer. Hormone Molecular Biology and Clinical Investigation, 2017, 32, .	0.3	21
16	Site-directed mutagenesis enhances the activity of NADH-FMN oxidoreductase (DszD) activity of Rhodococcus erythropolis. Biotechnology Letters, 2010, 32, 921-927.	1.1	19
17	p75NTR suppression in rat bone marrow stromal stem cells significantly reduced their rate of apoptosis during neural differentiation. Neuroscience Letters, 2011, 498, 15-19.	1.0	19
18	A plausible anti-apoptotic role of up-regulated OCT4B1 in bladder tumors. Urology Journal, 2012, 9, 574-80.	0.3	18

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19	Optimization of the BoNT/A-Hc expression in recombinantEscherichia coliusing the Taguchi statistical method. Biotechnology and Applied Biochemistry, 2010, 56, 35-42.	1.4	16
20	High level expression of recombinant BoNT/A-Hc by high cell density cultivation of Escherichia coli. Bioprocess and Biosystems Engineering, 2012, 35, 407-414.	1.7	16
21	Correlation of major histocompatibility complex class I related A (MICA) polymorphism with the risk of developing breast cancer. Medical Oncology, 2012, 29, 5-9.	1.2	14
22	LncRNA HSPC324 plays role in lung development and tumorigenesis. Genomics, 2020, 112, 2615-2622.	1.3	13
23	Recent innovations and in-depth aspects of post-genome wide association study (Post-GWAS) to understand the genetic basis of complex phenotypes. Heredity, 2021, 127, 485-497.	1.2	12
24	Proprotein convertases 1 and 2 (PC1 and PC2) are expressed in neurally differentiated rat bone marrow stromal stem cells (BMSCs). Neuroscience Letters, 2007, 420, 198-203.	1.0	10
25	Normalization of miRNA qPCR high-throughput data: a comparison of methods. Biotechnology Letters, 2013, 35, 843-851.	1.1	10
26	Down-regulation of TGF-b1, TGF-b receptor 2, and TGF-b-associated microRNAs, miR-20a and miR-21, in skin lesions of sulfur mustard-exposed Iranian war veterans. Journal of Receptor and Signal Transduction Research, 2015, 35, 634-639.	1.3	9
27	Comparison of oncolytic virotherapy and nanotherapy as two new miRNA delivery approaches in lung cancer. Biomedicine and Pharmacotherapy, 2021, 140, 111755.	2.5	9
28	Differential gene expression and alternative splicing of survivin following mouse sciatic nerve injury. Spinal Cord, 2009, 47, 739-744.	0.9	8
29	A systems biology approach for miRNA-mRNA expression patterns analysis in non-small cell lung cancer. Cancer Biomarkers, 2016, 16, 31-45.	0.8	8
30	Evaluation of miR-9 and miR-143 expression in urine specimens of sulfur mustard exposed patients. Interdisciplinary Toxicology, 2015, 8, 169-174.	1.0	7
31	Co-regulated expression of TGF-Î² Variants and miR-21 in bladder cancer. Urology Journal, 2013, 10, 981-7.	0.3	7
32	Neurogenic and mitotic effects of dehydroepiandrosteroneon neuronal-competent marrow mesenchymal stem cells. International Journal of Developmental Biology, 2009, 53, 579-584.	0.3	6
33	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. Clinical and Experimental Reproductive Medicine, 2021, 48, 245-254.	0.5	6
34	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. Cellular and Molecular Neurobiology, 2017, 37, 1187-1194.	1.7	5
35	Considering smoking status, coexpression network analysis of nonâ€“small cell lung cancer at different cancer stages, exhibits important genes and pathways. Journal of Cellular Biochemistry, 2019, 120, 19172-19185.	1.2	5
36	Imatinib independent aberrant methylation of NOV/CCN3 in chronic myelogenous leukemia patients: a mechanism upstream of BCR-ABL1 function?. Cell Communication and Signaling, 2019, 17, 38.	2.7	5

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37	Decreased expression of miR-20a and miR-92a in the serum from sulfur mustard-exposed patients during the chronic phase of resulting illness. Inhalation Toxicology, 2015, 27, 682-688.	0.8	3
38	Evaluation of the Epigenetic Biomarker Bone Morphogenic Protein 3 for Colorectal Cancer Diagnosis. Journal of Clinical and Diagnostic Research JCDR, 0, , .	0.8	3
39	Identification of a Molten Globule Like State in H -N Fragment of Botulinum Neurotoxin A: Shedding Light on the Poorly-Known Features of a Conserved Sub-Domain. Protein and Peptide Letters, 2009, 16, 660-663.	0.4	1
40	A Predicted Molecular Model for Development of Human Intelligence. Neurochemical Journal, 2018, 12, 210-221.	0.2	0
41	Design of a Biological Method for Rapid Elimination of PCR Inhibitors in Aged Bone DNA. Clinical Laboratory, 2013, 59, .	0.2	0