Seyed Javad Mowla

List of Publications by Citations

185 papers	4,439 citations	33 h-index	58 g-index
194 ext. papers	5,095 ext. citations	3.5 avg, IF	5.71 L-index

#	Paper	IF	Citations
185	Biosynthesis and post-translational processing of the precursor to brain-derived neurotrophic factor. *Journal of Biological Chemistry*, **2001**, 276, 12660-6	5.4	403
184	Mammalian subtilisin/kexin isozyme SKI-1: A widely expressed proprotein convertase with a unique cleavage specificity and cellular localization. *Proceedings of the National Academy of Sciences of the United States of America*, **1999**, 96, 1321-6	11.5	241
183	OCT4 spliced variants are differentially expressed in human pluripotent and nonpluripotent cells. *Stem Cells*, **2008**, 26, 3068-74	5.8	230
182	OCT-4, an embryonic stem cell marker, is highly expressed in bladder cancer. *International Journal of Cancer*, **2007**, 120, 1598-602	7.5	201
181	MicroRNA-100 shuttled by mesenchymal stem cell-derived exosomes suppresses in vitro angiogenesis through modulating the mTOR/HIF-1/VEGF signaling axis in breast cancer cells. *Cellular Oncology (Dordrecht)*, **2017**, 40, 457-470	7.2	161
180	The prosegments of furin and PC7 as potent inhibitors of proprotein convertases. In vitro and ex vivo assessment of their efficacy and selectivity. *Journal of Biological Chemistry*, **1999**, 274, 33913-20	5.4	112
179	Two novel splice variants of SOX2OT, SOX2OT-S1, and SOX2OT-S2 are coupregulated with SOX2 and OCT4 in esophageal squamous cell carcinoma. *Stem Cells*, **2014**, 32, 126-34	5.8	99
178	Development and Clinical Translation of Approved Gene Therapy Products for Genetic Disorders. *Frontiers in Genetics*, **2019**, 10, 868	4.5	88
177	Expression, tissue distribution and function of miR-21 in esophageal squamous cell carcinoma. *PLoS ONE*, **2013**, 8, e73009	3.7	82
176	Long non-coding RNA SOX2OT: expression signature, splicing patterns, and emerging roles in pluripotency and tumorigenesis. *Frontiers in Genetics*, **2015**, 6, 196	4.5	75
175	miRNA therapeutics in cardiovascular diseases: promises and problems. *Frontiers in Genetics*, **2015**, 6, 232	4.5	71
174	CatSper gene expression in postnatal development of mouse testis and in subfertile men with deficient sperm motility. *Human Reproduction*, **2004**, 19, 124-8	5.7	70
173	OCT4B1, a novel spliced variant of OCT4, is highly expressed in gastric cancer and acts as an antiapoptotic factor. *International Journal of Cancer*, **2011**, 128, 2645-52	7.5	62
172	Dendrosomal curcumin nanoformulation downregulates pluripotency genes via miR-145 activation in U87MG glioblastoma cells. *International Journal of Nanomedicine*, **2014**, 9, 403-17	7.3	60
171	Urinary exosomal expression of long non-coding RNAs as diagnostic marker in bladder cancer. *Cancer Management and Research*, **2018**, 10, 6357-6365	3.6	50
170	Differential gene expression pattern of neurotrophins and their receptors during neuronal differentiation of rat bone marrow stromal cells. *Neuroscience Letters*, **2006**, 397, 149-54	3.3	48
169	miR-21-5p, miR-141-3p, and miR-205-5p levels in urine-promising biomarkers for the identification of prostate and bladder cancer. *Prostate*, **2019**, 79, 88-95	4.2	47

168	Potential Therapeutic Effects of Exosomes Packed With a miR-21-Sponge Construct in a Rat Model of Glioblastoma. *Frontiers in Oncology*, **2019**, 9, 782	5.3	46
167	SNHG15 is a bifunctional MYC-regulated noncoding locus encoding a lncRNA that promotes cell proliferation, invasion and drug resistance in colorectal cancer by interacting with AIF. *Journal of Experimental and Clinical Cancer Research*, **2019**, 38, 172	12.8	45
166	Downregulation of Plasma MiR-142-3p and MiR-26a-5p in Patients With Colorectal Carcinoma. *Iranian Journal of Cancer Prevention*, **2015**, 8, e2329		43
165	The RNA binding protein Musashi1 regulates apoptosis, gene expression and stress granule formation in urothelial carcinoma cells. *Journal of Cellular and Molecular Medicine*, **2011**, 15, 1210-24	5.6	41
164	Nucleostemin, a coordinator of self-renewal, is expressed in rat marrow stromal cells and turns off after induction of neural differentiation. *Neuroscience Letters*, **2005**, 390, 81-6	3.3	41
163	miR-199a-5p and miR-495 target GRP78 within UPR pathway of lung cancer. *Gene*, **2017**, 620, 15-22	3.8	40
162	OCT4B1, a novel spliced variant of OCT4, generates a stable truncated protein with a potential role in stress response. *Cancer Letters*, **2011**, 309, 170-5	9.9	39
161	Differential effects of Nucleostemin suppression on cell cycle arrest and apoptosis in the bladder cancer cell lines 5637 and SW1710. *Cell Proliferation*, **2009**, 42, 762-9	7.9	38
160	MicroRNA-146a induces immune suppression and drug-resistant colorectal cancer cells. *Tumor Biology*, **2017**, 39, 1010428317698365	2.9	37
159	Effects of oxytocin on cardiomyocyte differentiation from mouse embryonic stem cells. *International Journal of Cardiology*, **2007**, 117, 80-9	3.2	37
158	Characterization and genetic manipulation of human umbilical cord vein mesenchymal stem cells: potential application in cell-based gene therapy. *Rejuvenation Research*, **2008**, 11, 379-86	2.6	36
157	Aberrant Expression of Breast Development-Related MicroRNAs, miR-22, miR-132, and miR-212, in Breast Tumor Tissues. *Journal of Breast Cancer*, **2016**, 19, 148-55	3	35
156	MicroRNA-326 Functions as a Tumor Suppressor in Breast Cancer by Targeting ErbB/PI3K Signaling Pathway. *Frontiers in Oncology*, **2019**, 9, 653	5.3	34
155	Up-regulation of CatSper genes family by selenium. *Reproductive Biology and Endocrinology*, **2009**, 7, 126	5	34
154	Inhibitory effect of hsa-miR-590-5p on cardiosphere-derived stem cells differentiation through downregulation of TGFB signaling. *Journal of Cellular Biochemistry*, **2015**, 116, 179-91	4.7	33
153	MicroRNA-122 overexpression promotes hepatic differentiation of human adipose tissue-derived stem cells. *Journal of Cellular Biochemistry*, **2014**, 115, 1582-93	4.7	33
152	Morphologic, ultrastructural, and biochemical identification of apoptosis in vitrified-warmed mouse ovarian tissue. *Fertility and Sterility*, **2008**, 90, 1480-6	4.8	33
151	Multimodal tumor suppression by miR-302 cluster in melanoma and colon cancer. *International Journal of Biochemistry and Cell Biology*, **2016**, 81, 121-132	5.6	32

150	Influence of oriented nanofibrous PCL scaffolds on quantitative gene expression during neural differentiation of mouse embryonic stem cells. *Journal of Biomedical Materials Research - Part A*, **2016**, 104, 155-64	5.4	32
149	Post-transcriptional Regulation of PCSK9 by miR-191, miR-222, and miR-224. *Frontiers in Genetics*, **2017**, 8, 189	4.5	31
148	Static magnetic fields aggravate the effects of ionizing radiation on cell cycle progression in bone marrow stem cells. *Micron*, **2010**, 41, 101-4	2.3	31
147	Overexpression of the non-coding SOX2OT variants 4 and 7 in lung tumors suggests an oncogenic role in lung cancer. *Tumor Biology*, **2016**, 37, 10329-38	2.9	30
146	Knocking-down the expression of nucleostemin significantly decreases rate of proliferation of rat bone marrow stromal stem cells in an apparently p53-independent manner. *Cell Proliferation*, **2008**, 41, 28-35	7.9	30
145	Therapeutic Effects of Transplanted Exosomes Containing miR-29b to a Rat Model of Alzheimer's Disease. *Frontiers in Neuroscience*, **2020**, 14, 564	5.1	29
144	Increased levels of serum and tissue miR-107 in human gastric cancer: Correlation with tumor hypoxia. *Cancer Biomarkers*, **2015**, 15, 851-60	3.8	29
143	Effect of bone morphogenetic protein-4 (BMP-4) on cardiomyocyte differentiation from mouse embryonic stem cell. *International Journal of Cardiology*, **2007**, 120, 92-101	3.2	29
142	MicroRNAs contribution in tumor microenvironment of esophageal cancer. *Cancer Biomarkers*, **2016** , 16, 367-76	3.8	29
141	Elevated expression of miR-21 and miR-155 in peripheral blood mononuclear cells as potential biomarkers for lupus nephritis. *International Journal of Rheumatic Diseases*, **2019**, 22, 458-467	2.3	29
140	Gene expression alterations of neurotrophins, their receptors and prohormone convertases in a rat model of spinal cord contusion. *Neuroscience Letters*, **2008**, 441, 261-6	3.3	27
139	Analysis of apoptosis and expression of genes related to apoptosis in cultures of follicles derived from vitrified and non-vitrified ovaries. *Molecular Human Reproduction*, **2009**, 15, 155-64	4.4	26
138	Effect of bone morphogenetic protein-4 (BMP-4) on adipocyte differentiation from mouse embryonic stem cells. *Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia*, **2006**, 35, 271-8	1.1	26
137	A panel of noncoding RNAs in non-small-cell lung cancer. *Journal of Cellular Biochemistry*, **2018**, 120, 8280	4.7	26
136	Experimental verification of a predicted intronic microRNA in human NGFR gene with a potential pro-apoptotic function. *PLoS ONE*, **2012**, 7, e35561	3.7	25
135	In vitro effects of epidermal growth factor, follicle stimulating hormone and testosterone on mouse spermatogonial cell colony formation. *Reproduction, Fertility and Development*, **2006**, 18, 709-20	1.8	25
134	Identification of Reliable Reference Genes for Quantification of MicroRNAs in Serum Samples of Sulfur Mustard-Exposed Veterans. *Cell Journal*, **2015**, 17, 494-501	2.4	25
133	Decreased expression of fecal miR-4478 and miR-1295b-3p in early-stage colorectal cancer. *Cancer Biomarkers*, **2015**, 15, 189-95	3.8	24

132	Differential expression of survivin and its splice variants, survivin-DeltaEx3 and survivin-2B, in bladder cancer. *Cancer Detection and Prevention*, **2009**, 32, 308-13		24
131	Cardiac differentiation of P19CL6 cells by oxytocin. *International Journal of Cardiology*, **2009**, 134, 75-81	3.2	24
130	Identification of new SOX2OT transcript variants highly expressed in human cancer cell lines and down regulated in stem cell differentiation. *Molecular Biology Reports*, **2016**, 43, 65-72	2.8	23
129	Selegiline induces neuronal phenotype and neurotrophins expression in embryonic stem cells. *Rejuvenation Research*, **2006**, 9, 475-84	2.6	23
128	Altered expression of apoptotic genes in response to OCT4B1 suppression in human tumor cell lines. *Tumor Biology*, **2014**, 35, 9999-10009	2.9	21
127	Down-regulation of miR-302b, an ESC-specific microRNA, in Gastric Adenocarcinoma. *Cell Journal*, **2012**, 13, 251-8	2.4	21
126	Altered miR-223 Expression in Sputum for Diagnosis of Non-Small Cell Lung Cancer. *Avicenna Journal of Medical Biotechnology*, **2017**, 9, 189-195	1.4	21
125	Alternative splicing of the OCC-1 gene generates three splice variants and a novel exonic microRNA, which regulate the Wnt signaling pathway. *Rna*, **2017**, 23, 70-85	5.8	19
124	3-Dimensional nano-fibre scaffold for ex vivo expansion of cord blood haematopoietic stem cells. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 740-748	6.1	19
123	Down-Regulatory Effects of miR-211 on Long Non-Coding RNA SOX2OT and SOX2 Genes in Esophageal Squamous Cell Carcinoma. *Cell Journal*, **2016**, 17, 593-600	2.4	19
122	A novel signaling role for miR-451 in esophageal tumor microenvironment and its contribution to tumor progression. *Clinical and Translational Oncology*, **2017**, 19, 633-640	3.6	18
121	Evaluation of the expressions pattern of miR-10b, 21, 200c, 373 and 520c to find the correlation between epithelial-to-mesenchymal transition and melanoma stem cell potential in isolated cancer stem cells. *Cellular and Molecular Biology Letters*, **2015**, 20, 448-65	8.1	18
120	Downregulation of the Genes Involved in Reprogramming (SOX2, c-MYC, miR-302, miR-145, and P21) in Gastric Adenocarcinoma. *Journal of Gastrointestinal Cancer*, **2015**, 46, 251-8	1.6	18
119	Two lung development-related microRNAs, miR-134 and miR-187, are differentially expressed in lung tumors. *Gene*, **2016**, 577, 221-6	3.8	18
118	Static magnetic field of 6´mT induces apoptosis and alters cell cycle in p53 mutant Jurkat cells. *Electromagnetic Biology and Medicine*, **2013**, 32, 9-19	2.2	18
117	Verification of ALDH Activity as a Biomarker in Colon Cancer Stem Cells-Derived HT-29 Cell Line. *Iranian Journal of Cancer Prevention*, **2015**, 8, e3446		18
116	miR-4284 and miR-4484 as Putative Biomarkers for Diffuse Large B-Cell Lymphoma. *Iranian Journal of Medical Sciences*, **2016**, 41, 334-9	1.2	18
115	Differential Expression of OCT4 Pseudogenes in Pluripotent and Tumor Cell Lines. *Cell Journal*, **2016**, 18, 28-36	2.4	18

114	Urine exosome gene expression of cancer-testis antigens for prediction of bladder carcinoma. *Cancer Management and Research*, **2018**, 10, 5373-5381	3.6	18
113	Clinically Significant Dysregulation of and Expression in Patients with Surgically Resected Non-Small Cell Lung Cancer. *Avicenna Journal of Medical Biotechnology*, **2018**, 10, 98-104	1.4	17
112	Enhancing the effect of 4MeV electron beam using gold nanoparticles in breast cancer cells. *Physica Medica*, **2017**, 35, 18-24	2.7	16
111	Germ cell apoptosis induced by experimental cryptorchidism is mediated by molecular pathways in mouse testis. *Andrologia*, **2010**, 42, 5-12	2.4	16
110	Overexpression of BMI1, a polycomb group repressor protein, in bladder tumors: a preliminary report. *Urology Journal*, **2008**, 5, 99-105	0.9	16
109	A plausible anti-apoptotic role of up-regulated OCT4B1 in bladder tumors. *Urology Journal*, **2012**, 9, 574-80	0.9	16
108	Evaluating the miR-302b and miR-145 expression in formalin-fixed paraffin-embedded samples of esophageal squamous cell carcinoma. *Archives of Iranian Medicine*, **2015**, 18, 173-8	2.4	16
107	Experimental verification of a conserved intronic microRNA located in the human TrkC gene with a cell type-dependent apoptotic function. *Cellular and Molecular Life Sciences*, **2015**, 72, 2613-25	10.3	15
106	Upregulation of pluripotency markers in adipose tissue-derived stem cells by miR-302 and leukemia inhibitory factor. *BioMed Research International*, **2014**, 2014, 941486	3	15
105	MicroRNA expression in serum samples of sulfur mustard veterans as a diagnostic gateway to improve care. *PLoS ONE*, **2018**, 13, e0194530	3.7	15
104	A novel microRNA located in the gene regulates the Wnt signaling pathway and is differentially expressed in colorectal cancer specimens. *Journal of Biological Chemistry*, **2017**, 292, 7566-7577	5.4	14
103	OCT4 spliced variants are highly expressed in brain cancer tissues and inhibition of OCT4B1 causes G2/M arrest in brain cancer cells. *Journal of Neuro-Oncology*, **2016**, 130, 455-463	4.8	14
102	p75NTR suppression in rat bone marrow stromal stem cells significantly reduced their rate of apoptosis during neural differentiation. *Neuroscience Letters*, **2011**, 498, 15-9	3.3	14
101	Linc-ROR and its spliced variants 2 and 4 are significantly up-regulated in esophageal squamous cell carcinoma. *Iranian Journal of Basic Medical Sciences*, **2016**, 19, 1131-1135	1.8	14
100	Upregulation of miR-371-373 cluster, a human embryonic stem cell specific microRNA cluster, in esophageal squamous cell carcinoma. *Journal of Cancer Research and Therapeutics*, **2018**, 14, S132-S137	1.2	14
99	Hypoxia-related long noncoding RNAs are associated with varicocele-related male infertility. *PLoS ONE*, **2020**, 15, e0232357	3.7	13
98	Absence of PIWIL2 (HILI) expression in human bladder cancer cell lines and tissues. *Cancer Epidemiology*, **2009**, 33, 271-5	2.8	13
97	Lower expression of miR-218 in human breast cancer is associated with lymph node metastases, higher grades, and poorer prognosis. *Tumor Biology*, **2017**, 39, 1010428317698362	2.9	12

96	Tracking miRNAsSfootprints in tumor-microenvironment interactions: Insights and implications for targeted cancer therapy. *Genes Chromosomes and Cancer*, **2015**, 54, 335-52	5	12
95	Differential expression of nucleostemin, a stem cell marker, and its variants in different types of brain tumors. *Molecular Carcinogenesis*, **2010**, 49, 818-25	5	12
94	The Effect of MicroRNA-375 Overexpression, an Inhibitor of -Induced Carcinogenesis, on lncRNA SOX2OT. *Jundishapur Journal of Microbiology*, **2016**, 9, e23464	1.2	12
93	Concomitant upregulation of nucleostemin and downregulation of Sox2 and Klf4 in gastric adenocarcinoma. *Tumor Biology*, **2014**, 35, 7177-85	2.9	11
92	Exogenous Oct4 in combination with valproic acid increased neural progenitor markers: an approach for enhancing the repair potential of the brain. *Life Sciences*, **2015**, 122, 108-15	6.8	11
91	Transfection of CCE mouse embryonic stem cells with EGFP and BDNF genes by the electroporation method. *Rejuvenation Research*, **2006**, 9, 26-30	2.6	11
90	MiR-9-5p and miR-106a-5p dysregulated in CD4 T-cells of multiple sclerosis patients and targeted essential factors of T helper17/regulatory T-cells differentiation. *Iranian Journal of Basic Medical Sciences*, **2018**, 21, 277-283	1.8	11
89	MicroRNA profiling reveals important functions of miR-125b and let-7a during human retinal pigment epithelial cell differentiation. *Experimental Eye Research*, **2020**, 190, 107883	3.7	11
88	Differential expression of long non-coding RNA SOX2OT in gastric adenocarcinoma. *Cancer Biomarkers*, **2018**, 23, 221-225	3.8	11
87	Novel variant of OCT4B4 is differentially expressed in human embryonic stem and embryonic carcinoma cells. *Gene*, **2017**, 627, 369-372	3.8	10
86	OCT4B2, a novel alternative spliced variant of OCT4, is significantly upregulated under heat-stress condition and downregulated in differentiated cells. *Tumor Biology*, **2017**, 39, 1010428317724280	2.9	10
85	HDAC Inhibitors Induce Expression and Promote Neurite Outgrowth in Human Neural Progenitor Cells-Derived Neurons. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	10
84	Two long non-coding RNAs, Prcat17.3 and Prcat38, could efficiently discriminate benign prostate hyperplasia from prostate cancer. *Prostate*, **2018**, 78, 812-818	4.2	10
83	Comparison of gene expression profiles in erythroid-like cells derived from mouse embryonic stem cells differentiated in simple and co-culture systems. *American Journal of Hematology*, **2008**, 83, 109-15	7.1	10
82	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	3.3	10
81	Evaluating the expression of self-renewal genes in human endothelial progenitor cells. *Cell Journal*, **2013**, 14, 298-305	2.4	10
80	Transplanting p75-suppressed bone marrow stromal cells promotes functional behavior in a rat model of spinal cord injury. *Iranian Biomedical Journal*, **2013**, 17, 140-5	2	10
79	Enrichment of A Rare Subpopulation of miR-302-Expressing Glioma Cells by Serum Deprivation. *Cell Journal*, **2015**, 16, 494-505	2.4	10

78	The morphological changes of adult mouse testes after 60Co gamma-Radiation. *Iranian Biomedical Journal*, **2008**, 12, 35-42	2	10
77	Differential miRNAs expression pattern of irradiated breast cancer cell lines is correlated with radiation sensitivity. *Scientific Reports*, **2020**, 10, 9054	4.9	9
76	Normalization of miRNA qPCR high-throughput data: a comparison of methods. *Biotechnology Letters*, **2013**, 35, 843-51	3	9
75	Development of mouse embryos co-cultured with polarized or non-polarized uterine epithelial cells using sequential culture media. *Animal Reproduction Science*, **2007**, 100, 141-57	2.1	9
74	Evaluating expression and potential diagnostic and prognostic values of survivin in bladder tumors: a preliminary report. *Urology Journal*, **2005**, 2, 141-7	0.9	9
73	Novel spliced variants of OCT4, OCT4C and OCT4C1, with distinct expression patterns and functions in pluripotent and tumor cell lines. *European Journal of Cell Biology*, **2017**, 96, 347-355	6.1	8
72	Anti-differentiation non-coding RNA, ANCR, is differentially expressed in different types of brain tumors. *Journal of Neuro-Oncology*, **2018**, 138, 261-270	4.8	8
71	Separation of microRNA 21 as a cancer marker from glioblastoma cell line using molecularly imprinted polymer coated on silica nanoparticles. *Journal of Separation Science*, **2016**, 39, 3564-70	3.4	8
70	CatSper genes expression, semen characteristics and histology of testes in the contusive spinal cord-injured mice model. *Spinal Cord*, **2009**, 47, 76-81	2.7	8
69	Differential gene expression and alternative splicing of survivin following mouse sciatic nerve injury. *Spinal Cord*, **2009**, 47, 739-44	2.7	8
68	Expansion of human cord blood hematopoietic stem/progenitor cells in three-dimensional Nanoscaffold coated with Fibronectin. *International Journal of Hematology-Oncology and Stem Cell Research*, **2015**, 9, 72-9	0.5	8
67	Experimental verification of a predicted novel microRNA located in human PIK3CA gene with a potential oncogenic function in colorectal cancer. *Tumor Biology*, **2016**, 37, 14089-14101	2.9	8
66	The origins and evolutionary history of human non-coding RNA regulatory networks. *Journal of Bioinformatics and Computational Biology*, **2017**, 15, 1750005	1	7
65	Expression and Function of hsa-miR-6165 in Human Cell Lines and During the NT2 Cell Neural Differentiation Process. *Journal of Molecular Neuroscience*, **2017**, 63, 254-266	3.3	7
64	lncRNA PSORS1C3 is regulated by glucocorticoids and fine-tunes OCT4 expression in non-pluripotent cells. *Scientific Reports*, **2019**, 9, 8370	4.9	7
63	Evaluation of miR-9 and miR-143 expression in urine specimens of sulfur mustard exposed patients. *Interdisciplinary Toxicology*, **2015**, 8, 169-74	2.3	7
62	Gamma radiation alters cell cycle and induces apoptosis in p53 mutant E6.1 Jurkat cells. *Applied Radiation and Isotopes*, **2013**, 71, 29-33	1.7	7
61	Elevating the expression level of biologically active recombinant human alpha 1-antitrypsin in Pichia pastorisan alpha 1-antitrypsin in Pichia pastoris. *Electronic Journal of Biotechnology*, **2013**, 16,	3.1	7

60	Study of GT-repeat expansion in Heme oxygenase-1 gene promoter as genetic cause of male infertility. *Journal of Assisted Reproduction and Genetics*, **2011**, 28, 737-41	3.4	7
59	Potential roles of 5′UTR and 3′UTR regions in post-trans-criptional regulation of mouse Oct4 gene in BMSC and P19 cells. *Iranian Journal of Basic Medical Sciences*, **2014**, 17, 490-6	1.8	7
58	Radiosensitization of breast cancer cells using AS1411 aptamer-conjugated gold nanoparticles. *Radiation Oncology*, **2021**, 16, 33	4.2	7
57	In Vivo Evaluation of PAX6 Overexpression and NMDA Cytotoxicity to Stimulate Proliferation in the Mouse Retina. *Scientific Reports*, **2018**, 8, 17700	4.9	7
56	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, 634-9	2.6	6
55	Formation of embryoid bodies from mouse embryonic stem cells cultured on silicon-coated surfaces. *Cytotechnology*, **2009**, 59, 11-6	2.2	6
54	Investigation of the effects of static magnetic field on apoptosis in bone marrow stem cells of rat. *The Environmentalist*, **2009**, 29, 220-224		6
53	Alternative Splicing Generates Different 5SUTRs in OCT4B Variants. *Avicenna Journal of Medical Biotechnology*, **2017**, 9, 201-204	1.4	6
52	Isolation of cancer stem cells by selection for miR-302 expressing cells. *PeerJ*, **2019**, 7, e6635	3.1	6
51	Hsa-miR-6165 downregulates insulin-like growth factor-1 receptor (IGF-1R) expression and enhances apoptosis in SW480 cells. *Biological Chemistry*, **2020**, 401, 477-485	4.5	6
50	SOX2OT knockdown derived changes in mitotic regulatory gene network of cancer cells. *Cancer Cell International*, **2018**, 18, 129	6.4	6
49	Introduction of novel splice variants for CASC18 gene and its relation to the neural differentiation. *Gene*, **2017**, 603, 27-33	3.8	5
48	Overexpression of hsa-miR-939 follows by NGFR down-regulation and apoptosis reduction. *Journal of Biosciences*, **2017**, 42, 23-30	2.3	5
47	The stem cell self-renewal gene, Musashi 1, is highly expressed in tumor and non-tumor samples of human bladder. *Indian Journal of Cancer*, **2013**, 50, 214-8	0.9	5
46	Evaluation of apoptotic genes expression and its protein after treatment of cryptorchid mice. *Iranian Biomedical Journal*, **2012**, 16, 77-83	2	5
45	A Novel Variant of Entitled OCT4B3 is Expressed in Human Bladder Cancer and Astrocytoma Cell Lines. *Avicenna Journal of Medical Biotechnology*, **2017**, 9, 142-145	1.4	5
44	Extracellular Vesicles as a Neprilysin Delivery System Memory Improvement in Alzheimer's Disease. *Iranian Journal of Pharmaceutical Research*, **2020**, 19, 45-60	1.1	5
43	Altered Expression of High Molecular Weight Heat Shock Proteins after OCT4B1 Suppression in Human Tumor Cell Lines. *Cell Journal*, **2016**, 17, 608-16	2.4	5

42	Bioinformatics prediction and experimental validation of a novel microRNA: hsa-miR-B43 within human CDH4 gene with a potential metastasis-related function in breast cancer. *Journal of Cellular Biochemistry*, **2020**, 121, 1307-1316	4.7	5
41	Transcript Isoforms of SLC7A11-AS1 Are Associated With Varicocele-Related Male Infertility. *Frontiers in Genetics*, **2020**, 11, 1015	4.5	5
40	Identification of a novel intergenic miRNA located between the human DDC and COBL genes with a potential function in cell cycle arrest. *Molecular and Cellular Biochemistry*, **2018**, 444, 179-186	4.2	5
39	Expression profile of miRNAs in urine samples of bladder cancer patients. *Biomarkers in Medicine*, **2018**, 12, 1311-1321	2.3	5
38	Treadmill training modifies KIF5B motor protein in the STZ-induced diabetic rat spinal cord and sciatic nerve. *Archives of Iranian Medicine*, **2015**, 18, 94-101	2.4	5
37	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	4.6	4
36	Producing functional recombinant human keratinocyte growth factor in Pichia pastoris and investigating its protective role against irradiation. *Enzyme and Microbial Technology*, **2018**, 111, 12-20	3.8	4
35	Hsa-miR-5582-3P regulatory effect on TGF□signaling through targeting of TGF□R1, TGF□R2, SMAD3, and SMAD4 transcripts. *Journal of Cellular Biochemistry*, **2018**, 119, 9921-9930	4.7	4
34	Characterizing endothelial cells derived from the murine embryonic stem cell line CCE. *Rejuvenation Research*, **2008**, 11, 371-8	2.6	4
33	Down-regulation of HSP40 gene family following OCT4B1 suppression in human tumor cell lines. *Iranian Journal of Basic Medical Sciences*, **2016**, 19, 187-93	1.8	4
32	Mesenchymal stem cell-derived extracellular vesicles conditionally ameliorate bone marrow failure symptoms in an immune-mediated aplastic anemia mouse model. *Journal of Cellular Physiology*, **2021**, 236, 6055-6067	7	4
31	CD133 Is Not Suitable Marker for Isolating Melanoma Stem Cells from D10 Cell Line. *Cell Journal*, **2016**, 18, 21-7	2.4	3
30	Cytokine Gene Expression Alterations in Human Macrophages Infected by. *Cell Journal*, **2021**, 22, 476-481	1.4	3
29	No Detection of Crimean Congo Hemorrhagic Fever (CCHF) Virus in Ticks from Kerman Province of Iran. *Journal of Medical Microbiology and Infectious Diseases*, **2018**, 6, 108-111	0.4	3
28	Modulations of obesity-related microRNAs after exercise intervention: a systematic review and bioinformatics analysis. *Molecular Biology Reports*, **2021**, 48, 2817-2831	2.8	3
27	Mutational Spectrum of and Genes Identified in Iranian Patients With Premature Coronary Artery Disease and Familial Hypercholesterolemia. *Frontiers in Genetics*, **2021**, 12, 625959	4.5	3
26	Decreased Expression of Bioinformatically Predicted piwil2-targetting microRNAs, miR-1267 and miR-2276 in Breast Cancer. *Archives of Iranian Medicine*, **2016**, 19, 420-5	2.4	3
25	LINK-A long non-coding RNA and VEGF RNA expression in epithelial ovarian cancer patients. *Human Antibodies*, **2020**, 28, 227-232	1.3	2

24	Expression of the miR-302/367 microRNA cluster is regulated by a conserved long non-coding host gene		2
23	A novel miRNA located in the GATA4 gene regulates the expression of IGF-1R and AKT1/2 genes and controls cell proliferation. *Journal of Cellular Biochemistry*, **2020**, 121, 3438-3450	4.7	2
22	A Significant Upregulation of miR-886-5p in High Grade and Invasive Bladder Tumors. *Urology Journal*, **2015**, 12, 2160-4	0.9	2
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