Seyed Hamid Aghaee-Bakhtiari

List of Publications by Year
in descending order

47 papers	719 citations	516710 16 h-index	610901 24 g-index
48 all docs	48 docs citations	48 times ranked	1165 citing authors

#	Article	IF	Citations
1	The role of microRNAs in 5â€FU resistance of colorectal cancer: Possible mechanisms. Journal of Cellular Physiology, 2019, 234, 2306-2316.	4.1	50
2	MAPK and JAK/STAT pathways targeted by miR-23a and miR-23b in prostate cancer: computational and in vitro approaches. Tumor Biology, 2015, 36, 4203-4212.	1.8	46
3	Autophagy-related MicroRNAs in chronic lung diseases and lung cancer. Critical Reviews in Oncology/Hematology, 2020, 153, 103063.	4.4	45
4	Analysis of microRNA signatures using size-coded ligation-mediated PCR. Nucleic Acids Research, 2011, 39, e80-e80.	14.5	43
5	Anti-MUC1 Nanobody Can Redirect T-Body Cytotoxic Effector Function. Hybridoma, 2009, 28, 85-92.	0.4	42
6	Expression pattern of miR-21, miR-25 and PTEN in peripheral blood mononuclear cells of patients with significant or insignificant coronary stenosis. Gene, 2019, 698, 170-178.	2.2	34
7	MicroRNAs as potential therapeutic targets to predict responses to oxaliplatin in colorectal cancer: From basic evidence to therapeutic implication. IUBMB Life, 2019, 71, 1428-1441.	3.4	30
8	Web-based tools for miRNA studies analysis. Computers in Biology and Medicine, 2020, 127, 104060.	7.0	27
9	MicroRNA 17â€“92 expressed by a transposoneâ€based vector changes expression level of cellâ€cycleâ€related genes. Cell Biology International, 2012, 36, 1005-1012.	3.0	25
10	A Novel Protocol to Differentiate Induced Pluripotent Stem Cells by Neuronal microRNAs to Provide a Suitable Cellular Model. Chemical Biology and Drug Design, 2015, 86, 232-238.	3.2	23
11	Development of Oligoclonal Nanobodies for Targeting the Tumor-Associated Glycoprotein 72 Antigen. Molecular Biotechnology, 2013, 54, 590-601.	2.4	22
12	miR-146a and miR-150 promote the differentiation of CD133+ cells into T-lymphoid lineage. Molecular Biology Reports, 2013, 40, 4713-4719.	2.3	21
13	Bypassing the maturation arrest in myeloid cell line U937 by over-expression of microRNA-424. Hematology, 2011, 16, 298-302.	1.5	20
14	SP/NK1R system regulates carcinogenesis in prostate cancer: Shedding light on the antitumoral function of aprepitant. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119221.	4.1	20
15	miRandb: a resource of online services for miRNA research. Briefings in Bioinformatics, 2018, 19, bbw109.	6.5	19
16	Biosensors, microfluidics systems and lateral flow assays for circulating microRNA detection: A review. Analytical Biochemistry, 2021, 633, 114406.	2.4	19
17	Harnessing nucleic acid-based therapeutics for atherosclerotic cardiovascular disease: state of the art. Drug Discovery Today, 2019, 24, 1116-1131.	6.4	18
18	Reproducible and Reliable Real-time PCR Assay to Measure Mature Form of miR-141. Applied Immunohistochemistry and Molecular Morphology, 2016, 24, 138-143.	1.2	17

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19	Online Databases and Circular RNAs. Advances in Experimental Medicine and Biology, 2018, 1087, 35-38.	1.6	16
20	Polyethylenimine-associated cerium oxide nanoparticles: A novel promising gene delivery vector. Life Sciences, 2019, 232, 116661.	4.3	16
21	Peptide decoys: a new technology offering therapeutic opportunities for breast cancer. Drug Discovery Today, 2020, 25, 593-598.	6.4	12
22	The association between a Fatty Acid Binding Protein 1 (FABP1) gene polymorphism and serum lipid abnormalities in the MASHAD cohort study. Prostaglandins Leukotrienes and Essential Fatty Acids, 2021, 172, 102324.	2.2	12
23	Potential of chitosan/alginate nanoparticles as a non-viral vector for gene delivery: Formulation and optimization using D-optimal design. Materials Science and Engineering C, 2021, 128, 112262.	7.3	12
24	The redox modulatory effects of SP/NK1R system: Implications for oxidative stress-associated disorders. Life Sciences, 2022, 296, 120448.	4.3	12
25	Targeting interleukinâ€Î²2 by plantâ€derived natural products: Implications for the treatment of atherosclerotic cardiovascular disease. Phytotherapy Research, 2021, 35, 5596-5622.	5.8	11
26	Inhibition of Angiogenesis by Recombinant VEGF Receptor Fragments. Laboratory Medicine, 2010, 41, 417-422.	1.2	10
27	Decoy oligodeoxynucleotide technology: an emerging paradigm for breast cancer treatment. Drug Discovery Today, 2020, 25, 195-200.	6.4	9
28	Androgen receptorâ€related micro RNAs in prostate cancer and their role in antiandrogen drug resistance. Journal of Cellular Physiology, 2020, 235, 3222-3234.	4.1	8
29	A randomized controlled trial of gonadotropin-releasing hormone agonist versus gonadotropin-releasing hormone antagonist in Iranian infertile couples: oocyte gene expression. DARU, Journal of Pharmaceutical Sciences, 2014, 22, 67.	2.0	7
30	miRandb: A Metadatabase of Online Resources of miRNA and miRNA Targets. Methods in Molecular Biology, 2019, 1970, 15-30.	0.9	7
31	Response Surface Methodology for Statistical Optimization of Chitosan/Alginate Nanoparticles as a Vehicle for Recombinant Human Bone Morphogenetic Protein-2 Delivery . International Journal of Nanomedicine, 2020, Volume 15, 8345-8356.	6.7	7
32	MicroRNAs as potential investigative and predictive biomarkers in colorectal cancer. Cellular Signalling, 2021, 80, 109910.	3.6	7
33	A comprehensive review of online resources for microRNAâ€“diseases associations: the state of the art. Briefings in Bioinformatics, 2022, 23, .	6.5	7
34	High Diagnostic and Prognostic Value of miRNAs Compared with the Carcinoembryonic Antigen as a Traditional Tumor Marker. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, .	1.7	6
35	Systems biology and machine learning approaches identify drug targets in diabetic nephropathy. Scientific Reports, 2021, 11, 23452.	3.3	6
36	Decoy Technology as a Promising Therapeutic Tool for Atherosclerosis. International Journal of Molecular Sciences, 2021, 22, 4420.	4.1	5

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37	MicroRNA Regulation of Androgen Receptor in Castration-Resistant Prostate Cancer: Premises, Promises, and Potentials. Current Molecular Pharmacology, 2021, 14, 559-569.	1.5	5
38	The effect of oral melatonin supplementation on MT-ATP6 gene expression and IVF outcomes in Iranian infertile couples: a nonrandomized controlled trial. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 1487-1495.	3.0	4
39	Radiation-induced DNA damage and altered expression of p21, cyclin D1 and Mre11 genes in human fibroblast cell lines with different radiosensitivity. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2021, 823, 111760.	1.0	4
40	Human Unrestricted Somatic Stem Cell Administration Fails to Protect Nude Mice from Cisplatin-Induced Acute Kidney Injury. Nephron Experimental Nephrology, 2013, 123, 11-21.	2.2	3
41	In silico evidence of high frequency of miRNAâ€related SNPs in Esophageal Squamous Cell Carcinoma. Journal of Cellular Physiology, 2020, 235, 966-978.	4.1	3
42	Genetic modification of cystic fibrosis with Î”F508 mutation of CFTR gene using the CRISPR system in peripheral blood mononuclear cells. Iranian Journal of Basic Medical Sciences, 2021, 24, 73-78.	1.0	3
43	CRISPR Genome Editing Technology and its Application in Genetic Diseases: A Review. Current Pharmaceutical Biotechnology, 2021, 22, 468-479.	1.6	2
44	<scp>miR</scp> â€27 and <scp>miR</scp> â€124 target <scp>AR</scp> coregulators in prostate cancer: Bioinformatics and in vitro analysis. Andrologia, 0, , .	2.1	2
45	Comparison of Gene Expression Profiles in Human Germinal Vesicle Before and After Cytoplasmic Transfer From Mature Oocytes in Iranian Infertile Couples. Journal of Family & Reproductive Health, 2016, 10, 71-9.	0.4	1
46	Differential Expression of miRNA-223 in Coronary In-Stent Restenosis. Journal of Clinical Medicine, 2022, 11, 849.	2.4	1
47	Evaluation of miRNA-27a/b expression in patients with familial hypercholesterolemia. Archives of Medical Science, 0, , .	0.9	0