

Negar Mozaheb

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,395
citations

331670

21
h-index

434195

31
g-index

80
all docs

80
docs citations

80
times ranked

2365
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of the antioxidant defense system using long-chain carotenoids extracted from extreme halophilic archaeon, <i>Halovenus aranensis</i> . <i>International Microbiology</i> , 2022, 25, 165-175.	2.4	1
2	Wnt5A and TGF β 1 Converges through YAP1 Activity and Integrin Alpha v Up-Regulation Promoting Epithelial to Mesenchymal Transition in Ovarian Cancer Cells and Mesothelial Cell Activation. <i>Cells</i> , 2022, 11, 237.	4.1	9
3	Postbiotics of <i>Lactobacillus casei</i> target virulence and biofilm formation of <i>Pseudomonas aeruginosa</i> by modulating quorum sensing. <i>Archives of Microbiology</i> , 2022, 204, 157.	2.2	10
4	Altered expression of miR-29a-3p and miR-34a-5p by specific inhibition of GSK3 β in the MPP+ treated SH-SY5Y Parkinson's model. <i>Non-coding RNA Research</i> , 2022, 7, 1-6.	4.6	3
5	The potential role of miR-1290 in cancer progression, diagnosis, prognosis, and treatment: An oncomiR or oncosuppressor microRNA?. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 506-531.	2.6	12
6	Non-coding RNAs enhance the apoptosis efficacy of therapeutic agents used for the treatment of glioblastoma multiform. <i>Journal of Drug Targeting</i> , 2022, 30, 589-602.	4.4	8
7	Aflatoxin B1 impairs <i>in vitro</i> early developmental competence of ovine oocytes. <i>Theriogenology</i> , 2022, 183, 53-60.	2.1	3
8	A Wnt/ β -catenin signaling pathway is involved in early dopaminergic differentiation of trabecular meshwork-derived mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2022, , .	2.6	3
9	Contribution of Membrane Vesicle to Reprogramming of Bacterial Membrane Fluidity in <i>Pseudomonas aeruginosa</i> . <i>MSphere</i> , 2022, 7, .	2.9	8
10	Inhibitory effect of flavonoid xanthomicrol on triple-negative breast tumor via regulation of cancer-associated microRNAs. <i>Phytotherapy Research</i> , 2021, 35, 1967-1982.	5.8	15
11	The Potential Therapeutic Effect of RNA Interference and Natural Products on COVID-19: A Review of the Coronaviruses Infection. <i>Frontiers in Pharmacology</i> , 2021, 12, 616993.	3.5	15
12	Downregulation of hepatitis C virus replication by miR-196a using lentiviral vectors. <i>Microbiology and Immunology</i> , 2021, 65, 161-170.	1.4	3
13	MSC-derived exosomes carrying a cocktail of exogenous interfering RNAs an unprecedented therapy in era of COVID-19 outbreak. <i>Journal of Translational Medicine</i> , 2021, 19, 164.	4.4	16
14	Latency-Associated Transcript-Derived MicroRNAs in Herpes Simplex Virus Type 1 Target SMAD3 and SMAD4 in TGF- β /Smad Signaling Pathway. <i>Iranian Biomedical Journal</i> , 2021, 25, 169-179.	0.7	3
15	Intracerebral Administration of Autologous Mesenchymal Stem Cells as HSV-TK Gene Vehicle for Treatment of Glioblastoma Multiform: Safety and Feasibility Assessment. <i>Molecular Neurobiology</i> , 2021, 58, 4425-4436.	4.0	11
16	Mesenchymal stem cells loaded with oncolytic reovirus enhances antitumor activity in mice models of colorectal cancer. <i>Biochemical Pharmacology</i> , 2021, 190, 114644.	4.4	12
17	Application of iPSCs derived pancreatic β -like cells using pancreatic bio-scaffold. <i>Experimental Cell Research</i> , 2021, 405, 112667.	2.6	3
18	miR-424 induces apoptosis in glioblastoma cells and targets AKT1 and RAF1 oncogenes from the ERBB signaling pathway. <i>European Journal of Pharmacology</i> , 2021, 906, 174273.	3.5	10

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19	Potential of chitosan/alginate nanoparticles as a non-viral vector for gene delivery: Formulation and optimization using D-optimal design. <i>Materials Science and Engineering C</i> , 2021, 128, 112262.	7.3	12
20	Development of an mRNA-LNP Vaccine against SARS-CoV-2: Evaluation of Immune Response in Mouse and Rhesus Macaque. <i>Vaccines</i> , 2021, 9, 1007.	4.4	14
21	Evaluation of miR-122 Serum Level and IFN- γ 3 Genotypes in Patients with Chronic HCV and HCV-Infected Liver Transplant Candidate. <i>MicroRNA (Sharīqah, United Arab Emirates)</i> , 2021, 10, 58-65.	1.2	1
22	Alginate-based 3D cell culture technique to evaluate the half-maximal inhibitory concentration: an in vitro model of anticancer drug study for anaplastic thyroid carcinoma. <i>Thyroid Research</i> , 2021, 14, 27.	1.5	10
23	Tumor Microenvironment Changing through Application of MicroRNA-34a Related Mesenchymal Stem Cells Conditioned Medium: Modulation of Breast Cancer Cells toward Non-aggressive Behavior. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2021, 20, 221-232.	0.4	2
24	3D-Printed PCL Scaffolds Coated with Nanobioceramics Enhance Osteogenic Differentiation of Stem Cells. <i>ACS Omega</i> , 2021, 6, 35284-35296.	3.5	27
25	The miR-142 Suppresses U-87 Glioblastoma Cell Growth by Targeting EGFR Oncogenic Signaling Pathway.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 202-212.	0.5	1
26	Inhibiting the expression of anti-apoptotic genes BCL2L1 and MCL1, and apoptosis induction in glioblastoma cells by microRNA-342. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109641.	5.6	22
27	The potency of hsa-miR-9-1 overexpression in photoreceptor differentiation of conjunctiva mesenchymal stem cells on a 3D nanofibrous scaffold. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 526-532.	2.1	8
28	The synergistic anticancer effects of ReoT3D, CPT-11, and BBI608 on murine colorectal cancer cells. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 555-565.	2.0	10
29	Membrane Vesicle Production as a Bacterial Defense Against Stress. <i>Frontiers in Microbiology</i> , 2020, 11, 600221.	3.5	51
30	<p>Nanofibrous Scaffolds Containing Hydroxyapatite and Microfluidic-Prepared Polyamidoamin/BMP-2 Plasmid Dendriplexes for Bone Tissue Engineering Applications</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 2633-2646.	6.7	18
31	Co-delivery of gemcitabine prodrug along with anti NF- κ B siRNA by tri-layer micelles can increase cytotoxicity, uptake and accumulation of the system in the cancers. <i>Materials Science and Engineering C</i> , 2020, 116, 111161.	7.3	23
32	Trimethyl chitosan-hyaluronic acid nano-polyplexes for intravitreal VEGFR-2 siRNA delivery: Formulation and in vivo efficacy evaluation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 26, 102181.	3.3	22
33	Flavonoid calycopterin triggers apoptosis in triple-negative and ER-positive human breast cancer cells through activating different patterns of gene expression. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 2145-2156.	3.0	13
34	MicroRNA-4731 delivered by ADAM mesenchymal stem cells induces cell cycle arrest and apoptosis in glioblastoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 8167-8175.	4.1	32
35	MicroRNA-129 Inhibits Glioma Cell Growth by Targeting CDK4, CDK6, and MDM2. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 759-764.	5.1	30
36	miR-548x and miR-4698 controlled cell proliferation by affecting the PI3K/AKT signaling pathway in Glioblastoma cell lines. <i>Scientific Reports</i> , 2020, 10, 1558.	3.3	21

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37	Lentivirus expressing shRNAs inhibit the replication of contagious ecthyma virus by targeting DNA polymerase gene. <i>BMC Biotechnology</i> , 2020, 20, 18.	3.3	4
38	A meta-analysis of gene expression data highlights synaptic dysfunction in the hippocampus of brains with Alzheimer's disease. <i>Scientific Reports</i> , 2020, 10, 8384.	3.3	22
39	Involvement of EGFR, ERK-1,2 and AKT-1,2 Activity on Human Glioma Cell Growth. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 3469-3475.	1.2	8
40	Corticolimbic analysis of microRNAs and protein expressions in scopolamine-induced memory loss under stress. <i>Neurobiology of Learning and Memory</i> , 2019, 164, 107065.	1.9	14
41	The effect of miR-579 on the PI3K/AKT pathway in human glioblastoma PTEN mutant cell lines. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16760-16774.	2.6	25
42	DKK1 expression is suppressed by miR-9 during induced dopaminergic differentiation of human trabecular meshwork mesenchymal stem cells. <i>Neuroscience Letters</i> , 2019, 707, 134250.	2.1	5
43	Transcript-level regulation of MALAT1-mediated cell cycle and apoptosis genes using dual MEK/Aurora kinase inhibitor α -BI-847325 on anaplastic thyroid carcinoma. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 1-7.	2.0	22
44	Optimization of chitosan nanoparticles as an anti-HIV siRNA delivery vehicle. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 305-315.	7.5	49
45	Designing a whole cell bioreporter to show antioxidant activities of agents that work by promotion of the KEAP1-NRF2 signaling pathway. <i>Scientific Reports</i> , 2019, 9, 3248.	3.3	19
46	Photodynamic inactivation diminishes quorum sensing-mediated virulence factor production and biofilm formation of <i>Serratia marcescens</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 191.	3.6	18
47	Network of three specific microRNAs influence type 2 diabetes through inducing insulin resistance in muscle cell lines. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 1532-1538.	2.6	14
48	miRandb: a resource of online services for miRNA research. <i>Briefings in Bioinformatics</i> , 2018, 19, bbw109.	6.5	19
49	Expression of miR-15a, miR-145, and miR-182 in granulosa-lutein cells, follicular fluid, and serum of women with polycystic ovary syndrome (PCOS). <i>Archives of Gynecology and Obstetrics</i> , 2018, 297, 221-231.	1.7	36
50	Cationic graphene oxide nanoplateform mediates miR-101 delivery to promote apoptosis by regulating autophagy and stress. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5865-5886.	6.7	29
51	Decellularized Pancreas Matrix Scaffolds for Tissue Engineering Using Ductal or Arterial Catheterization. <i>Cells Tissues Organs</i> , 2018, 205, 72-84.	2.3	26
52	Glutathione responsive chitosan-thiolated dextran conjugated miR-145 nanoparticles targeted with AS1411 aptamer for cancer treatment. <i>Carbohydrate Polymers</i> , 2018, 201, 131-140.	10.2	42
53	Nanotopographical cues of electrospun PLLA efficiently modulate non-coding RNA network to osteogenic differentiation of mesenchymal stem cells during BMP signaling pathway. <i>Materials Science and Engineering C</i> , 2018, 93, 686-703.	7.3	42
54	Corneal chemical burn treatment through a delivery system consisting of TGF- β 21 siRNA: in vitro and in vivo. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1127-1138.	5.8	15

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55	The role of miR-17-92 cluster in the expression of tumor suppressor genes in unrestricted somatic stem cells. <i>Biologicals</i> , 2017, 46, 143-147.	1.4	7
56	Suppressing the molecular signaling pathways involved in inflammation and cancer in breast cancer cell lines MDA-MB-231 and MCF-7 by miR-590. <i>Tumor Biology</i> , 2017, 39, 101042831769757.	1.8	17
57	Nano polyelectrolyte complexes of carboxymethyl dextran and chitosan to improve chitosan-mediated delivery of miR-145. <i>Carbohydrate Polymers</i> , 2017, 159, 66-75.	10.2	36
58	Toll-like receptor4 as a modulator of fertilization and subsequent preimplantation development following in vitro maturation in mice. <i>American Journal of Reproductive Immunology</i> , 2017, 78, e12720.	1.2	19
59	Differential Expression of miR-93 and miR-21 in Granulosa Cells and Follicular Fluid of Polycystic Ovary Syndrome Associating with Different Phenotypes. <i>Scientific Reports</i> , 2017, 7, 14671.	3.3	64
60	Pluripotency Crossroads: Junction of Transcription Factors, Epigenetic Mechanisms, MicroRNAs, and Long Non-coding RNAs. <i>Current Stem Cell Research and Therapy</i> , 2017, 12, 300-311.	1.3	7
61	Expression Analysis of Previously Verified Fecal and Plasma Down-regulated MicroRNAs (miR-4478,) Tj ETQq1 1 0.784314 rgBT /Overload 92-95.	0.6	9
62	Two Triacylglycerol Pathway Genes, CTDNEP1 and LPIN1, are Down-Regulated by hsa-miR-122-5p in Hepatocytes. <i>Archives of Iranian Medicine</i> , 2017, 20, 165-171.	0.6	11
63	Mutation in <i>ADORA1</i> identified as likely cause of early-onset parkinsonism and cognitive dysfunction. <i>Movement Disorders</i> , 2016, 31, 1004-1011.	3.9	38
64	Inhibition of Respiratory Syncytial Virus Replication by Simultaneous Targeting of mRNA and Genomic RNA Using Dual-Targeting siRNAs. <i>Molecular Biotechnology</i> , 2016, 58, 767-775.	2.4	5
65	MicroRNA-340 inhibits the migration, invasion, and metastasis of breast cancer cells by targeting Wnt pathway. <i>Tumor Biology</i> , 2016, 37, 8993-9000.	1.8	83
66	Possible involvement of miRNAs in tropism of Parvovirus B19. <i>Molecular Biology Reports</i> , 2016, 43, 175-181.	2.3	2
67	Identification of mutation in GTPBP2 in patients of a family with neurodegeneration accompanied by iron deposition in the brain. <i>Neurobiology of Aging</i> , 2016, 38, 216.e11-216.e18.	3.1	43
68	The effect of bovine rotavirus and its nonstructural protein 4 on ER stress-mediated apoptosis in HeLa and HT-29 cells. <i>Tumor Biology</i> , 2016, 37, 3155-3161.	1.8	5
69	Development of Insulin Resistance through Induction of miRNA-135 in C2C12 Cells. <i>Cell Journal</i> , 2016, 18, 353-61.	0.2	15
70	Potential siRNA Molecules for Nucleoprotein and M2/L Overlapping Region of Respiratory Syncytial Virus: In Silico Design. <i>Jundishapur Journal of Microbiology</i> , 2016, 9, e34304.	0.5	3
71	Autophagy Gene Activity May Act As a Key Factor for Sensitivity of Tumor Cells to Oncolytic Vesicular Stomatitis Virus. <i>Iranian Journal of Cancer Prevention</i> , 2016, 9, e3919.	0.7	5
72	Simultaneous Underexpression of let-7a-5p and let-7f-5p microRNAs in Plasma and Stool Samples from Early Stage Colorectal Carcinoma. <i>Biomarkers in Cancer</i> , 2015, 7s1, BIC.S25252.	3.6	32

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73	Expression Change of miR-214 and miR-135 during Muscle Differentiation. Cell Journal, 2015, 17, 461-70.	0.2	21
74	MicroRNAs that target RGS5. Iranian Journal of Basic Medical Sciences, 2015, 18, 108-14.	1.0	9
75	Efficient Differentiation of Human Induced Pluripotent Stem Cell (hiPSC) Derived Hepatocyte-Like Cells on hMSCs Feeder. International Journal of Hematology-Oncology and Stem Cell Research, 2014, 8, 20-9.	0.3	8
76	Mesenchymal stem cells from trabecular meshwork become photoreceptor-like cells on amniotic membrane. Neuroscience Letters, 2013, 541, 43-48.	2.1	53
77	The role of microRNAs in stemness of cancer stem cells. Oncology Reviews, 2013, 7, 8.	1.8	31