

Ali Mohammadi

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.

100
papers

2,618
citations

27
h-index

47
g-index

106
ext. papers

3,454
ext. citations

5
avg, IF

5.69
L-index

#	Paper	IF	Citations
100	The Different Mechanisms of Cancer Drug Resistance: A Brief Review. <i>Advanced Pharmaceutical Bulletin</i> , 2017 , 7, 339-348	4.5	573
99	The role of microRNAs in colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 705-713	7.5	116
98	MicroRNAs in cancer cell death pathways: Apoptosis and necroptosis. <i>Free Radical Biology and Medicine</i> , 2019 , 139, 1-15	7.8	84
97	MicroRNAs as novel biomarkers for colorectal cancer: New outlooks. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 97, 1319-1330	7.5	83
96	Photodynamic therapy for cancer: Role of natural products. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019 , 26, 395-404	3.5	72
95	BACH1, the master regulator gene: A novel candidate target for cancer therapy. <i>Gene</i> , 2016 , 588, 30-7	3.8	72
94	miR-142-3p as tumor suppressor miRNA in the regulation of tumorigenicity, invasion and migration of human breast cancer by targeting Bach-1 expression. <i>Journal of Cellular Physiology</i> , 2019 , 234, 9816-9825	7	72
93	microRNAs in cancer stem cells: Biology, pathways, and therapeutic opportunities. <i>Journal of Cellular Physiology</i> , 2019 , 234, 10002-10017	7	62
92	Ethambutol-Loaded Solid Lipid Nanoparticles as Dry Powder Inhalable Formulation for Tuberculosis Therapy. <i>AAPS PharmSciTech</i> , 2019 , 20, 120	3.9	56
91	Current Approaches for Combination Therapy of Cancer: The Role of Immunogenic Cell Death. <i>Cancers</i> , 2020 , 12,	6.6	49
90	HMG1-C suppressing induces P53/caspase9 axis to regulate apoptosis in breast adenocarcinoma cells. <i>Cell Cycle</i> , 2016 , 15, 2585-2592	4.7	48
89	MicroRNAs in the Diagnosis and Treatment of Cancer. <i>Immunological Investigations</i> , 2017 , 46, 880-897	2.9	47
88	MicroRNAs in cancer drug resistance: Basic evidence and clinical applications. <i>Journal of Cellular Physiology</i> , 2019 , 234, 2152-2168	7	42
87	Circulating myeloid-derived suppressor cells: An independent prognostic factor in patients with breast cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 3515-3525	7	42
86	Regulatory mechanisms of miR-145 expression and the importance of its function in cancer metastasis. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 195-207	7.5	39
85	BACH1 silencing by siRNA inhibits migration of HT-29 colon cancer cells through reduction of metastasis-related genes. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 191-198	7.5	38
84	siRNA-Mediated Silencing of HMGA2 Induces Apoptosis and Cell Cycle Arrest in Human Colorectal Carcinoma. <i>Journal of Gastrointestinal Cancer</i> , 2017 , 48, 156-163	1.6	37

83	New emerging roles of CD133 in cancer stem cell: Signaling pathway and miRNA regulation. <i>Journal of Cellular Physiology</i> , 2019 , 234, 21642-21661	7	36
82	Safety assessment of sodium acetate, sodium diacetate and potassium sorbate food additives. <i>Food Chemistry</i> , 2018 , 257, 211-215	8.5	36
81	Overcoming the Challenges of siRNA Delivery: Nanoparticle Strategies. <i>Current Drug Delivery</i> , 2017 , 14, 36-46	3.2	35
80	miR-330 suppresses EMT and induces apoptosis by downregulating HMGA2 in human colorectal cancer. <i>Journal of Cellular Physiology</i> , 2020 , 235, 920-931	7	35
79	Silencing of BACH1 inhibits invasion and migration of prostate cancer cells by altering metastasis-related gene expression. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 1495-1504	6.1	34
78	MiR-146a functions as a small silent player in gastric cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 96, 238-245	7.5	32
77	Restoration of miR-152 expression suppresses cell proliferation, survival, and migration through inhibition of AKT-ERK pathway in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2018 , 234, 769-776	7	30
76	Regulation of miRNAs by herbal medicine: An emerging field in cancer therapies. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 86, 262-270	7.5	29
75	miR-142-3p is a tumor suppressor that inhibits estrogen receptor expression in ER-positive breast cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 16043	7	29
74	Role of miR-21 as an authentic oncogene in mediating drug resistance in breast cancer. <i>Gene</i> , 2020 , 738, 144453	3.8	27
73	Hyaluronic acid-decorated liposomal nanoparticles for targeted delivery of 5-fluorouracil into HT-29 colorectal cancer cells. <i>Journal of Cellular Physiology</i> , 2020 , 235, 6817-6830	7	26
72	Restoration of miR-143 expression could inhibit migration and growth of MDA-MB-468 cells through down-regulating the expression of invasion-related factors. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 91, 920-924	7.5	25
71	The effect of combined miR-200c replacement and cisplatin on apoptosis induction and inhibition of gastric cancer cell line migration. <i>Journal of Cellular Physiology</i> , 2019 , 234, 22581-22592	7	25
70	Micro RNA 34a and Let-7a Expression in Human Breast Cancers is Associated with Apoptotic Expression Genes. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016 , 17, 1887-90	1.7	25
69	HMGA2 as a Critical Regulator in Cancer Development. <i>Genes</i> , 2021 , 12,	4.2	24
68	HMGA2 and Bach-1 cooperate to promote breast cancer cell malignancy. <i>Journal of Cellular Physiology</i> , 2019 , 234, 17714-17726	7	23
67	Therapeutic effects of bach1 siRNA on human breast adenocarcinoma cell line. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 88, 34-42	7.5	22
66	Function of microRNA-143 in different signal pathways in cancer: New insights into cancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 91, 121-131	7.5	22

65	Overexpression of HMGA2 in breast cancer promotes cell proliferation, migration, invasion and stemness. <i>Expert Opinion on Therapeutic Targets</i> , 2020 , 1-11	6.4	21
64	Mechanisms of immune system activation in mammals by small interfering RNA (siRNA). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1589-96	6.1	21
63	Silencing of High Mobility Group Isoform I-C (HMGI-C) Enhances Paclitaxel Chemosensitivity in Breast Adenocarcinoma Cells (MDA-MB-468). <i>Advanced Pharmaceutical Bulletin</i> , 2016 , 6, 171-7	4.5	21
62	Overcoming multiple drug resistance in lung cancer using siRNA targeted therapy. <i>Gene</i> , 2019 , 714, 1439-72	3.7	19
61	Urtica dioica extract suppresses miR-21 and metastasis-related genes in breast cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 93, 95-102	7.5	19
60	The Urtica dioica extract enhances sensitivity of paclitaxel drug to MDA-MB-468 breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 83, 835-842	7.5	19
59	SiRNA-mediated silencing of Snail-1 induces apoptosis and alters micro RNA expression in human urinary bladder cancer cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 969-974	6.1	18
58	The Herbal Medicine Urtica Dioica Inhibits Proliferation of Colorectal Cancer Cell Line by Inducing Apoptosis and Arrest at the G2/M Phase. <i>Journal of Gastrointestinal Cancer</i> , 2016 , 47, 187-95	1.6	18
57	Effects of oral butyrate and inulin supplementation on inflammation-induced pyroptosis pathway in type 2 diabetes: A randomized, double-blind, placebo-controlled trial. <i>Cytokine</i> , 2020 , 131, 155101	4	18
56	Interplay between MAPK/ERK signaling pathway and MicroRNAs: A crucial mechanism regulating cancer cell metabolism and tumor progression. <i>Life Sciences</i> , 2021 , 278, 119499	6.8	18
55	miRNA-143 replacement therapy harnesses the proliferation and migration of colorectal cancer cells in vitro. <i>Journal of Cellular Physiology</i> , 2019 , 234, 21359-21368	7	17
54	Photodynamic therapy using zinc phthalocyanine with low dose of diode laser combined with doxorubicin is a synergistic combination therapy for human SK-MEL-3 melanoma cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019 , 28, 88-97	3.5	16
53	Effects of N-terminal and C-terminal modification on cytotoxicity and cellular uptake of amphiphilic cell penetrating peptides. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 91-103	6.1	15
52	Downregulation of miR-146a promotes cell migration in Helicobacter pylori-negative gastric cancer. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 9495-9505	4.7	15
51	Regulatory roles of micro-RNAs in T cell autoimmunity. <i>Immunological Investigations</i> , 2017 , 46, 864-879	2.9	14
50	Suppression of protein tyrosine phosphatase PTPN22 gene induces apoptosis in T-cell leukemia cell line (Jurkat) through the AKT and ERK pathways. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 86, 41-47	7.5	13
49	MicroRNA-145 replacement effect on growth and migration inhibition in lung cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 111, 460-467	7.5	13
48	Urtica dioica Extract Inhibits Proliferation and Induces Apoptosis and Related Gene Expression of Breast Cancer Cells In Vitro and In Vivo. <i>Clinical Breast Cancer</i> , 2017 , 17, 463-470	3	12

47	Anti-tumor Effect of Quercetin Loaded Chitosan Nanoparticles on Induced Colon Cancer in Wistar Rats. <i>Advanced Pharmaceutical Bulletin</i> , 2019 , 9, 409-415	4.5	12
46	MiR-142-3p targets HMGA2 and suppresses breast cancer malignancy. <i>Life Sciences</i> , 2021 , 276, 119431	6.8	12
45	The interaction between the light source dose and caspase-dependent and -independent apoptosis in human SK-MEL-3 skin cancer cells following photodynamic therapy with zinc phthalocyanine: A comparative study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 176, 62-68	6.7	11
44	microRNA-181a mediates the chemo-sensitivity of glioblastoma to carmustine and regulates cell proliferation, migration, and apoptosis. <i>European Journal of Pharmacology</i> , 2020 , 888, 173483	5.3	11
43	siRNA-mediated silencing of CD44 delivered by Jet Pei enhanced Doxorubicin chemo sensitivity and altered miRNA expression in human breast cancer cell line (MDA-MB468). <i>Molecular Biology Reports</i> , 2020 , 47, 9541-9551	2.8	10
42	siRNA-Mediated Silencing of CIP2A Enhances Docetaxel Activity Against PC-3 Prostate Cancer Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2017 , 7, 637-643	4.5	10
41	miR-330 Regulates Colorectal Cancer Oncogenesis by Targeting BACH1. <i>Advanced Pharmaceutical Bulletin</i> , 2020 , 10, 444-451	4.5	10
40	CD133 suppression increases the sensitivity of prostate cancer cells to paclitaxel. <i>Molecular Biology Reports</i> , 2020 , 47, 3691-3703	2.8	9
39	The role of miR-34 in cancer drug resistance. <i>Journal of Cellular Physiology</i> , 2020 , 235, 6424-6440	7	9
38	Gene Silencing Strategies in Cancer Therapy: An Update for Drug Resistance. <i>Current Medicinal Chemistry</i> , 2019 , 26, 6282-6303	4.3	9
37	Effects of HMGA2 gene downregulation by siRNA on lung carcinoma cell migration in A549 cell lines. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 5024-5032	4.7	9
36	miR-34a and miR-200c Have an Additive Tumor-Suppressive Effect on Breast Cancer Cells and Patient Prognosis. <i>Genes</i> , 2021 , 12,	4.2	9
35	Anacyclus Pyrethrum Extract Exerts Anticancer Activities on the Human Colorectal Cancer Cell Line (HCT) by Targeting Apoptosis, Metastasis and Cell Cycle Arrest. <i>Journal of Gastrointestinal Cancer</i> , 2017 , 48, 333-340	1.6	8
34	The Cytotoxic and Apoptotic Effects of Extracts on Human Breast Cancer Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2017 , 7, 381-389	4.5	8
33	Induces Apoptosis via Gene Expression in Pancreatic Cancer Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2018 , 8, 667-674	4.5	8
32	Interaction between DNA damage response and autophagy in colorectal cancer. <i>Gene</i> , 2020 , 730, 144323	3.8	8
31	The effect of Yarrowia lipolytica-asparaginase on apoptosis induction and inhibition of growth in Burkitt's lymphoma Raji and acute lymphoblastic leukemia MOLT-4 cells. <i>International Journal of Biological Macromolecules</i> , 2020 , 146, 193-201	7.9	8
30	MicroRNA-330 inhibits growth and migration of melanoma A375 cells: In vitro study. <i>Journal of Cellular Biochemistry</i> , 2020 , 121, 458-467	4.7	8

29	An analysis of suppressing migratory effect on human urinary bladder cancer cell line by silencing of snail-1. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 96, 545-550	7.5	7
28	The dual role of alpha7 nicotinic acetylcholine receptor in inflammation-associated gastrointestinal cancers. <i>Heliyon</i> , 2020 , 6, e03611	3.6	7
27	Tumor suppressor microRNAs in lung cancer: An insight to signaling pathways and drug resistance. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 19274-19289	4.7	7
26	Anti-CD24 bio Modified PEGylated Gold Nanoparticles as Targeted Computed Tomography Contrast Agent. <i>Advanced Pharmaceutical Bulletin</i> , 2018 , 8, 599-607	4.5	7
25	Restoration of miR-330 expression suppresses lung cancer cell viability, proliferation, and migration. <i>Journal of Cellular Physiology</i> , 2021 , 236, 273-283	7	7
24	Growth inhibitory effect of Scrophularia oxysepala extract on mouse mammary carcinoma 4T1 cells in vitro and in vivo systems. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 85, 718-724	7.5	6
23	Silencing of HMGA2 by siRNA Loaded Methotrexate Functionalized Polyamidoamine Dendrimer for Human Breast Cancer Cell Therapy. <i>Genes</i> , 2021 , 12,	4.2	6
22	Targeting of high mobility group A2 by small interfering RNA-loaded nanoliposome-induced apoptosis and migration inhibition in gastrointestinal cancer cells. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 9203-9212	4.7	6
21	The combination effect of Prominin1 (CD133) suppression and Oxaliplatin treatment in colorectal cancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 137, 111364	7.5	5
20	Nano-liposome-based target toxicity machine: an alternative/complementary approach in atopic diseases. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 1292-1297	6.1	4
19	The Effect of Snail1 Gene Silencing by siRNA in Metastatic Breast Cancer Cell Lines. <i>Iranian Journal of Public Health</i> , 2017 , 46, 659-670	0.7	4
18	Comparative of Evaluation between Erlotinib Loaded Nanostructured Lipid Carriers and Liposomes against A549 Lung Cancer Cell Line. <i>Iranian Journal of Pharmaceutical Research</i> , 2019 , 18, 1168-1179	1.1	4
17	Overexpression of miRNA-145 induces apoptosis and prevents proliferation and migration of MKN-45 gastric cancer cells. <i>EXCLI Journal</i> , 2020 , 19, 1446-1458	2.4	4
16	HMGA2 Supports Cancer Hallmarks in Triple-Negative Breast Cancer. <i>Cancers</i> , 2021 , 13,	6.6	4
15	Yarrowia lipolytica L-asparaginase inhibits the growth and migration of lung (A549) and breast (MCF7) cancer cells. <i>International Journal of Biological Macromolecules</i> , 2021 , 170, 406-414	7.9	4
14	STAT3 Silencing and TLR7/8 Pathway Activation Repolarize and Suppress Myeloid-Derived Suppressor Cells From Breast Cancer Patients. <i>Frontiers in Immunology</i> , 2020 , 11, 613215	8.4	3
13	PTPN22 Silencing in Human Acute T-Cell Leukemia Cell Line (Jurkat Cell) and its Effect on the Expression of miR-181a and miR-181b. <i>Advanced Pharmaceutical Bulletin</i> , 2018 , 8, 277-282	4.5	2
12	Combination therapy with miR-34a and doxorubicin synergistically induced apoptosis in T-cell acute lymphoblastic leukemia cell line. <i>Medical Oncology</i> , 2021 , 38, 142	3.7	1

11	Emerging Effects of Sepantronium Bromide (YM155) on MOLT-4 Cell Line Apoptosis Induction and Expression of Critical Genes Involved in Apoptotic Pathways. <i>Advanced Pharmaceutical Bulletin</i> , 2020 , 10, 81-87	4.5	1
10	MicroRNA-143 inhibits proliferation and migration of prostate cancer cells. <i>Archives of Physiology and Biochemistry</i> , 2020 , 1-7	2.2	1
9	Echocardiographic evaluation of prevalence of pulmonary hypertension in β -thalassemia major: A cross sectional study. <i>Pediatric Hematology and Oncology</i> , 2018 , 35, 322-330	1.7	1
8	The synergy between miR-486-5p and tamoxifen causes profound cell death of tamoxifen-resistant breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111925	7.5	1
7	Restoration of miR-143 reduces migration and proliferation of bladder cancer cells by regulating signaling pathways involved in EMT.. <i>Molecular and Cellular Probes</i> , 2022 , 61, 101794	3.3	0
6	Investigation the Cytotoxicity of 5-AZA on Acute Lymphoblastic Leukemia Cell Line In Vitro and Characterization the Underlying Molecular Mechanisms of Cell Death and Motility. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021 , 22, 3723-3734	1.7	0
5	ZEB2 Knock-down Induces Apoptosis in Human Myeloid Leukemia HL-60 Cells. <i>Current Gene Therapy</i> , 2021 , 21, 149-159	4.3	0
4	Effects of self-assembled cell-penetrating peptides and their nano-complexes on ABCB1 expression and activity. <i>Iranian Journal of Basic Medical Sciences</i> , 2021 , 24, 383-390	1.8	
3	Restoration of miRNA-143 Expression Inhibits Growth and Migration of MKN-45 Gastric Cancer Cell Line.. <i>Advanced Pharmaceutical Bulletin</i> , 2022 , 12, 183-190	4.5	
2	The Inhibitory Effect of Hsa-miR-330 Replacement on the Proliferation and Migration of Breast Cancer MCF-7 Cells. <i>International Journal of Women's Health and Reproduction Sciences</i> , 2019 , 7, 360-365 ^{0.4}		
1	A novel method for the development of plasmid DNA-loaded nanoliposomes for cancer gene therapy. <i>Drug Delivery and Translational Research</i> , 2021 , 1	6.2	