

Saeed Noorolyai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4532048/publications.pdf>

Version: 2024-02-01

458
papers

15,017
citations

32410

55
h-index

48101

92
g-index

480
all docs

480
docs citations

480
times ranked

19940
citing authors

#	ARTICLE	IF	CITATIONS
1	CTLA-4: As an Immunosuppressive Immune Checkpoint in Breast Cancer. <i>Current Molecular Medicine</i> , 2023, 23, 521-526.	0.6	3
2	A novel method for the development of plasmid DNA-loaded nanoliposomes for cancer gene therapy. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1508-1520.	3.0	2
3	Glimpse into the Cellular Internalization and Intracellular Trafficking of Lipid- Based Nanoparticles in Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 1897-1912.	0.9	1
4	The Analysis of Herpes Simplex Virus Type 1 (HSV-1)-Encoded MicroRNAs Targets: A Likely Relationship of Alzheimer's Disease and HSV-1 Infection. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 2849-2861.	1.7	4
5	MicroRNA-143 inhibits proliferation and migration of prostate cancer cells. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 1323-1329.	1.0	6
6	Toxoplasma gondii activates NLRP12 inflammasome pathway in the BALB/c murine model. <i>Acta Tropica</i> , 2022, 225, 106202.	0.9	4
7	Antiproliferative activity of CD44 siRNA-PEI-PEG nanoparticles in glioblastoma: involvement of AKT signaling. <i>Research in Pharmaceutical Sciences</i> , 2022, 17, 78.	0.6	5
8	Overexpression of lncRNA DLEU1 in Gastric Cancer Tissues Compared to Adjacent Non-Tumor Tissues. <i>Journal of Gastrointestinal Cancer</i> , 2022, 53, 990-994.	0.6	6
9	The combined therapy of miR-383-5p restoration and paclitaxel for treating MDA-MB-231 breast cancer. <i>Medical Oncology</i> , 2022, 39, 9.	1.2	3
10	NETosis in ischemic/reperfusion injuries: An organ-based review. <i>Life Sciences</i> , 2022, 290, 120158.	2.0	9
11	Immunotherapy of cancer in single-cell RNA sequencing era: A precision medicine perspective. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112558.	2.5	10
12	Exploiting systems biology to investigate the gene modules and drugs in ovarian cancer: A hypothesis based on the weighted gene co-expression network analysis. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112537.	2.5	19
13	The importance of immune checkpoints in immune monitoring: A future paradigm shift in the treatment of cancer. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112516.	2.5	38
14	The cross-talk between tumor-associated macrophages and tumor endothelium: Recent advances in macrophage-based cancer immunotherapy. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112588.	2.5	14
15	Simultaneous nanocarrier-mediated delivery of siRNAs and chemotherapeutic agents in cancer therapy and diagnosis: Recent advances. <i>European Journal of Pharmacology</i> , 2022, 915, 174639.	1.7	1
16	LncRNA DLGAP1-AS2 overexpression associates with gastric tumorigenesis: a promising diagnostic and therapeutic target. <i>Molecular Biology Reports</i> , 2022, 49, 6817-6826.	1.0	5
17	B7 immune checkpoint family members as putative therapeutics in autoimmune disease: An updated overview. <i>International Journal of Rheumatic Diseases</i> , 2022, 25, 259-271.	0.9	4
18	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.	0.9	9

#	ARTICLE	IF	CITATIONS
19	Tumor necrosis factor α in systemic lupus erythematosus: Structure, function and therapeutic implications (Review). <i>International Journal of Molecular Medicine</i> , 2022, 49, .	1.8	10
20	Molecular evidences on anti-inflammatory, anticancer, and memory-boosting effects of frankincense. <i>Phytotherapy Research</i> , 2022, 36, 1194-1215.	2.8	14
21	Recent advances in cancer immunotherapy: Modulation of tumor microenvironment by Toll-like receptor ligands. <i>BiolImpacts</i> , 2022, , .	0.7	4
22	Identification of Common and Distinct Pathways in Inflammatory Bowel Disease and Colorectal Cancer: A Hypothesis Based on Weighted Gene Co-Expression Network Analysis. <i>Frontiers in Genetics</i> , 2022, 13, 848646.	1.1	6
23	Dysregulation of Survivin-Targeting microRNAs in Autoimmune Diseases: New Perspectives for Novel Therapies. <i>Frontiers in Immunology</i> , 2022, 13, 839945.	2.2	18
24	The regulatory role of autophagy-related miRNAs in lung cancer drug resistance. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112735.	2.5	26
25	miR-200c increases the sensitivity of breast cancer cells to Doxorubicin through downregulating MDR1 gene. <i>Experimental and Molecular Pathology</i> , 2022, 125, 104753.	0.9	9
26	The expression pattern of VISTA in the PBMCs of relapsing-remitting multiple sclerosis patients: A single-cell RNA sequencing-based study. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112725.	2.5	9
27	Nanog suppression enhanced the chemosensitivity of human non-small-cell lung cancer cells to Cisplatin and inhibited cell migration. <i>Pathology Research and Practice</i> , 2022, 233, 153869.	1.0	2
28	Dendritic cell-based cancer immunotherapy in the era of immune checkpoint inhibitors: From bench to bedside. <i>Life Sciences</i> , 2022, 297, 120466.	2.0	18
29	An overview on display systems (phage, bacterial, and yeast display) for production of anticancer antibodies; advantages and disadvantages. <i>International Journal of Biological Macromolecules</i> , 2022, 208, 421-442.	3.6	33
30	siRNA-mediated silencing of Nanog reduces stemness properties and increases the sensitivity of HepG2 cells to cisplatin. <i>Gene</i> , 2022, 821, 146333.	1.0	6
31	Nanog, as a key cancer stem cell marker in tumor progression. <i>Gene</i> , 2022, 827, 146448.	1.0	24
32	Lateral flow assays (LFA) for detection of pathogenic bacteria: A small point-of-care platform for diagnosis of human infectious diseases. <i>Talanta</i> , 2022, 243, 123330.	2.9	54
33	B7-H7 Suppression Increases the Expression of CTLA-4 and VISTA Genes in Gastric Cancer Cell Line. <i>Immunoanalysis</i> , 2022, 2, 1-1.	0.2	1
34	The Basis and Advances in Clinical Application of Cytomegalovirus-Specific Cytotoxic T Cell Immunotherapy for Glioblastoma Multiforme. <i>Frontiers in Oncology</i> , 2022, 12, 818447.	1.3	10
35	Targeted delivery of doxorubicin by Thermo/pH-responsive magnetic nanoparticles in a rat model of breast cancer. <i>Toxicology and Applied Pharmacology</i> , 2022, 446, 116036.	1.3	7
36	Regulation of NLRP3 inflammasome by zinc supplementation in Behçet's disease patients: A double-blind, randomized placebo-controlled clinical trial. <i>International Immunopharmacology</i> , 2022, 109, 108825.	1.7	7

#	ARTICLE	IF	CITATIONS
37	Targeted Therapy of B7 Family Checkpoints as an Innovative Approach to Overcome Cancer Therapy Resistance: A Review from Chemotherapy to Immunotherapy. <i>Molecules</i> , 2022, 27, 3545.	1.7	1
38	BC032913 as a Novel Antisense Non-coding RNA is Downregulated in Gastric Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2021, 52, 928-931.	0.6	9
39	The Correlation Between Helicobacter pylori Infection and Lnc-OC1 Expression in Gastric Cancer Tissues in an Iranian Population. <i>Journal of Gastrointestinal Cancer</i> , 2021, 52, 600-605.	0.6	9
40	Restoration of miR-330 expression suppresses lung cancer cell viability, proliferation, and migration. <i>Journal of Cellular Physiology</i> , 2021, 236, 273-283.	2.0	15
41	Resistance mechanisms to immune checkpoints blockade by monoclonal antibody drugs in cancer immunotherapy: Focus on myeloma. <i>Journal of Cellular Physiology</i> , 2021, 236, 791-805.	2.0	13
42	An Overview on SARS-CoV-2 (COVID-19) and Other Human Coronaviruses and Their Detection Capability via Amplification Assay, Chemical Sensing, Biosensing, Immunosensing, and Clinical Assays. <i>Nano-Micro Letters</i> , 2021, 13, 18.	14.4	157
43	The oncogenic potential of NANOG: An important cancer induction mediator. <i>Journal of Cellular Physiology</i> , 2021, 236, 2443-2458.	2.0	35
44	Carbon based nanomaterials for the detection of narrow therapeutic index pharmaceuticals. <i>Talanta</i> , 2021, 221, 121610.	2.9	15
45	Recent developments in targeting genes and pathways by RNAi-based approaches in colorectal cancer. <i>Medicinal Research Reviews</i> , 2021, 41, 395-434.	5.0	12
46	Combined inhibition of CD73 and ZEB1 by Arg-Gly-Asp (RGD)-targeted nanoparticles inhibits tumor growth. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 197, 111421.	2.5	18
47	Crosstalk between long non-coding RNA DLX6-AS1, microRNAs and signaling pathways: A pivotal molecular mechanism in human cancers. <i>Gene</i> , 2021, 769, 145224.	1.0	12
48	A plethora of carbapenem resistance in Acinetobacter baumannii: no end to a long insidious genetic journey. <i>Journal of Chemotherapy</i> , 2021, 33, 137-155.	0.7	11
49	The pivotal role of MicroRNAs in glucose metabolism in cancer. <i>Pathology Research and Practice</i> , 2021, 217, 153314.	1.0	12
50	Bispecific monoclonal antibodies for targeted immunotherapy of solid tumors: Recent advances and clinical trials. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 1030-1047.	3.6	34
51	miR-424: A novel potential therapeutic target and prognostic factor in malignancies. <i>Cell Biology International</i> , 2021, 45, 720-730.	1.4	10
52	MicroRNA-mediated autophagy regulation in cancer therapy: The role in chemoresistance/chemosensitivity. <i>European Journal of Pharmacology</i> , 2021, 892, 173660.	1.7	48
53	Varied functions of immune checkpoints during cancer metastasis. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 569-588.	2.0	14
54	Recent developments of RNA-based vaccines in cancer immunotherapy. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 201-218.	1.4	55

#	ARTICLE	IF	CITATIONS
55	(Nano)tagâ€“antibody conjugates in rapid tests. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5414-5438.	2.9	8
56	An improved method in fabrication of smart dual-responsive nanogels for controlled release of doxorubicin and curcumin in HT-29 colon cancer cells. <i>Journal of Nanobiotechnology</i> , 2021, 19, 18.	4.2	55
57	The roles of signaling pathways in SARS-CoV-2 infection; lessons learned from SARS-CoV and MERS-CoV. <i>Archives of Virology</i> , 2021, 166, 675-696.	0.9	66
58	Potential roles and prognostic significance of exosomes in cancer drug resistance. <i>Cell and Bioscience</i> , 2021, 11, 1.	2.1	82
59	Enhanced anticancer potency of hydroxytyrosol and curcumin by <scp>PLGA&PAA nano&encapsulation</scp> on <scp>PANC</scp>â€“1 pancreatic cancer cell line. <i>Environmental Toxicology</i> , 2021, 36, 1043-1051.	2.1	32
60	<i>Yarrowia lipolytica</i> 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.	3.6	16
61	MicroRNA-424-5p enhances chemosensitivity of breast cancer cells to Taxol and regulates cell cycle, apoptosis, and proliferation. <i>Molecular Biology Reports</i> , 2021, 48, 1345-1357.	1.0	22
62	MicroRNA -383-5p restrains the proliferation and migration of breast cancer cells and promotes apoptosis via inhibition of PD-L1. <i>Life Sciences</i> , 2021, 267, 118939.	2.0	27
63	HMGA2 as a Critical Regulator in Cancer Development. <i>Genes</i> , 2021, 12, 269.	1.0	91
64	From Melanoma Development to RNA-Modified Dendritic Cell Vaccines: Highlighting the Lessons From the Past. <i>Frontiers in Immunology</i> , 2021, 12, 623639.	2.2	22
65	Silencing ZEB2 Induces Apoptosis and Reduces Viability in Glioblastoma Cell Lines. <i>Molecules</i> , 2021, 26, 901.	1.7	3
66	miR-34a and miR-200c Have an Additive Tumor-Suppressive Effect on Breast Cancer Cells and Patient Prognosis. <i>Genes</i> , 2021, 12, 267.	1.0	24
67	The role of tumor suppressor short non-coding RNAs on breast cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 158, 103210.	2.0	6
68	MicroRNA-143 Sensitizes Cervical Cancer Cells to Cisplatin: a Promising Anticancer Combination Therapy. <i>Reproductive Sciences</i> , 2021, 28, 2036-2049.	1.1	9
69	Immune Cell Membrane&Coated Biomimetic Nanoparticles for Targeted Cancer Therapy. <i>Small</i> , 2021, 17, e2006484.	5.2	216
70	Atezolizumab and granzyme B as immunotoxin against PD-L1 antigen; an insilico study. <i>In Silico Pharmacology</i> , 2021, 9, 20.	1.8	5
71	GDF&15: Diagnostic, prognostic, and therapeutic significance in glioblastoma multiforme. <i>Journal of Cellular Physiology</i> , 2021, 236, 5564-5581.	2.0	3
72	ImmunoAnalysis: A New Journal to Publish Peer-Reviewed Manuscripts in the Fields of Pharmaceutical Analysis and Immunology. <i>Immunoanalysis</i> , 2021, 1, 1-1.	0.2	0

#	ARTICLE	IF	CITATIONS
73	Scores based on neutrophil percentage and lactate dehydrogenase with or without oxygen saturation predict hospital mortality risk in severe COVID-19 patients. <i>Virology Journal</i> , 2021, 18, 67.	1.4	5
74	Long Non-Coding RNAs in Multidrug Resistance of Glioblastoma. <i>Genes</i> , 2021, 12, 455.	1.0	14
75	The Regulatory Cross-Talk between microRNAs and Novel Members of the B7 Family in Human Diseases: A Scoping Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2652.	1.8	11
76	Identification of functional methylated CpG loci in PD-L1 promoter as the novel epigenetic biomarkers for primary gastric cancer. <i>Gene</i> , 2021, 772, 145376.	1.0	12
77	Arginase 1 (Arg1) as an Up-Regulated Gene in COVID-19 Patients: A Promising Marker in COVID-19 Immunopathy. <i>Journal of Clinical Medicine</i> , 2021, 10, 1051.	1.0	34
78	Suppression of Nanog inhibited cell migration and increased the sensitivity of colorectal cancer cells to 5-fluorouracil. <i>European Journal of Pharmacology</i> , 2021, 894, 173871.	1.7	12
79	Invited letter to editor in response to profiling inflammatory cytokines following zinc supplementation: a systematic review and meta-analysis of randomised controlled trials. <i>British Journal of Nutrition</i> , 2021, , 1-2.	1.2	2
80	MiRNA-138-5p: A strong tumor suppressor targeting PD-L1 inhibits proliferation and motility of breast cancer cells and induces apoptosis. <i>European Journal of Pharmacology</i> , 2021, 896, 173933.	1.7	21
81	Pancreatic Cancer Signaling Pathways, Genetic Alterations, and Tumor Microenvironment: The Barriers Affecting the Method of Treatment. <i>Biomedicines</i> , 2021, 9, 373.	1.4	55
82	Electrochemiluminescent biosensor for ultrasensitive detection of lymphoma at the early stage using CD20 markers as B cell-specific antigens. <i>Bioelectrochemistry</i> , 2021, 138, 107730.	2.4	16
83	Nanoparticle-mediated synergistic chemoimmunotherapy for tailoring cancer therapy: recent advances and perspectives. <i>Journal of Nanobiotechnology</i> , 2021, 19, 110.	4.2	16
84	From Oncogenic Signaling Pathways to Single-Cell Sequencing of Immune Cells: Changing the Landscape of Cancer Immunotherapy. <i>Molecules</i> , 2021, 26, 2278.	1.7	31
85	Downregulation of HMGA2 by Small Interfering RNA Affects the Survival, Migration, and Apoptosis of Prostate Cancer Cell Line. <i>Advanced Pharmaceutical Bulletin</i> , 2021, , .	0.6	0
86	Envisioning the immune system to determine its role in pancreatic ductal adenocarcinoma: Culprit or victim?. <i>Immunology Letters</i> , 2021, 232, 48-59.	1.1	2
87	ZEB2 Knock-down Induces Apoptosis in Human Myeloid Leukemia HL-60 Cells. <i>Current Gene Therapy</i> , 2021, 21, 149-159.	0.9	2
88	MicroRNA-124-3p suppresses PD-L1 expression and inhibits tumorigenesis of colorectal cancer cells via modulating STAT3 signaling. <i>Journal of Cellular Physiology</i> , 2021, 236, 7071-7087.	2.0	30
89	Immune checkpoints in targeted-immunotherapy of pancreatic cancer: New hope for clinical development. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1083-1097.	5.7	23
90	An Updated Review of the Cross-talk Between MicroRNAs and Epigenetic Factors in Cancers. <i>Current Medicinal Chemistry</i> , 2021, 28, 8722-8732.	1.2	13

#	ARTICLE	IF	CITATIONS
91	The Role of V-Domain Ig Suppressor of T Cell Activation (VISTA) in Cancer Therapy: Lessons Learned and the Road Ahead. <i>Frontiers in Immunology</i> , 2021, 12, 676181.	2.2	32
92	Cytotoxic T-Lymphocyte Antigen-4 in Colorectal Cancer: Another Therapeutic Side of Capecitabine. <i>Cancers</i> , 2021, 13, 2414.	1.7	58
93	Nutritional approach for increasing public health during pandemic of COVID-19: A comprehensive review of antiviral nutrients and nutraceuticals. <i>Health Promotion Perspectives</i> , 2021, 11, 119-136.	0.8	12
94	The combination effect of Prominin1 (CD133) suppression and Oxaliplatin treatment in colorectal cancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111364.	2.5	21
95	Micronutrient therapy and effective immune response: a promising approach for management of COVID-19. <i>Infection</i> , 2021, 49, 1133-1147.	2.3	10
96	PD-L1 silencing inhibits triple-negative breast cancer development and upregulates T-cell-induced pro-inflammatory cytokines. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111436.	2.5	30
97	The Impact of Nrf2 Silencing on Nrf2-PD-L1 Axis to Overcome Oxaliplatin Resistance and Migration in Colon Cancer Cells. <i>Avicenna Journal of Medical Biotechnology</i> , 2021, 13, 116-122.	0.2	9
98	Cholinergic anti-inflammatory pathway and connective tissue diseases. <i>Inflammopharmacology</i> , 2021, 29, 975-986.	1.9	6
99	Carbapenem resistance in <i>Acinetobacter baumannii</i> clinical isolates from northwest Iran: high prevalence of OXA genes in sync. <i>Iranian Journal of Microbiology</i> , 2021, 13, 282-293.	0.8	4
100	Crosstalk between miRNAs and signaling pathways involved in pancreatic cancer and pancreatic ductal adenocarcinoma. <i>European Journal of Pharmacology</i> , 2021, 901, 174006.	1.7	8
101	MiR-142-3p targets HMGA2 and suppresses breast cancer malignancy. <i>Life Sciences</i> , 2021, 276, 119431.	2.0	32
102	Ruxolitinib attenuates experimental autoimmune encephalomyelitis (EAE) development as animal models of multiple sclerosis (MS). <i>Life Sciences</i> , 2021, 276, 119395.	2.0	20
103	The regulatory role of pivotal microRNAs in the AKT signaling pathway in breast cancer. <i>Current Molecular Medicine</i> , 2021, 21, .	0.6	8
104	CAR-engineered NK cells; a promising therapeutic option for treatment of hematological malignancies. <i>Stem Cell Research and Therapy</i> , 2021, 12, 374.	2.4	33
105	Regulation of CTLA-4 and PD-L1 Expression in Relapsing-Remitting Multiple Sclerosis Patients after Treatment with Fingolimod, IFN β -1 α , Glatiramer Acetate, and Dimethyl Fumarate Drugs. <i>Journal of Personalized Medicine</i> , 2021, 11, 721.	1.1	17
106	Silencing of HMGA2 by siRNA Loaded Methotrexate Functionalized Polyamidoamine Dendrimer for Human Breast Cancer Cell Therapy. <i>Genes</i> , 2021, 12, 1102.	1.0	15
107	The role of CD44 in cancer chemoresistance: A concise review. <i>European Journal of Pharmacology</i> , 2021, 903, 174147.	1.7	49
108	Advanced mechanotherapy: Biotensegrity for governing metastatic tumor cell fate via modulating the extracellular matrix. <i>Journal of Controlled Release</i> , 2021, 335, 596-618.	4.8	8

#	ARTICLE	IF	CITATIONS
109	Production and Verification of Anti-Tumor Activity of Monoclonal Anti-EGFR-Recombinant PE38 Immunotoxin in A431 Tumor Cells. <i>Immunoanalysis</i> , 2021, 1, 3-3.	0.2	1
110	Implementation of a Design of Experiments to Improve Periplasmic Yield of Functional ScFv Antibodies in a Phage Display Platform. <i>Advanced Pharmaceutical Bulletin</i> , 2021, , .	0.6	1
111	Nicotinic Acetylcholine Receptors as Potential Tumor Biomarkers in Genitourinary Cancers: a Review Study. <i>Immunoanalysis</i> , 2021, 1, 4-4.	0.2	1
112	Interplay between SOX9 transcription factor and microRNAs in cancer. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 681-694.	3.6	39
113	A Systematic Review to Clarify the Prognostic Values of CD44 and CD44+CD24- Phenotype in Triple-Negative Breast Cancer Patients: Lessons Learned and The Road Ahead. <i>Frontiers in Oncology</i> , 2021, 11, 689839.	1.3	9
114	Novel CAR T therapy is a ray of hope in the treatment of seriously ill AML patients. <i>Stem Cell Research and Therapy</i> , 2021, 12, 465.	2.4	69
115	Expression profiles of miR-196, miR-132, miR-146a, and miR-134 in human colorectal cancer tissues in accordance with their clinical significance. <i>Wiener Klinische Wochenschrift</i> , 2021, 133, 1162-1170.	1.0	1
116	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.	2.0	86
117	Weighted Gene Co-Expression Network Analysis Combined with Machine Learning Validation to Identify Key Modules and Hub Genes Associated with SARS-CoV-2 Infection. <i>Journal of Clinical Medicine</i> , 2021, 10, 3567.	1.0	30
118	Immune Checkpoint Inhibitors in Colorectal Cancer: Challenges and Future Prospects. <i>Biomedicines</i> , 2021, 9, 1075.	1.4	46
119	A Systematic Review on the Therapeutic Potentiality of PD-L1-Inhibiting MicroRNAs for Triple-Negative Breast Cancer: Toward Single-Cell Sequencing-Guided Biomimetic Delivery. <i>Genes</i> , 2021, 12, 1206.	1.0	35
120	Nicotinic acetylcholine receptors in chemotherapeutic drugs resistance: An emerging targeting candidate. <i>Life Sciences</i> , 2021, 278, 119557.	2.0	10
121	ZNF677 downregulation by promoter hypermethylation as a driver event through gastric tumorigenesis. <i>Experimental and Molecular Pathology</i> , 2021, 121, 104663.	0.9	5
122	Evaluation the performance of serum neutrophil gelatinase associated lipocalin as a biomarker of allograft dysfunction in kidney recipients from living donors. <i>Journal of Renal Injury Prevention</i> , 2021, 10, e30-e30.	0.6	0
123	The Role of Hemoglobin Subunit Delta in the Immunopathy of Multiple Sclerosis: Mitochondria Matters. <i>Frontiers in Immunology</i> , 2021, 12, 709173.	2.2	8
124	Antifungal Effects of Voriconazole-Loaded Nano-Liposome on Fluconazole-Resistant Clinical Isolates of <i>Candida albicans</i> , Biological Activity and <i>ERG11</i> , <i>CDR1</i> , and <i>CDR2</i> Gene Expression. <i>Assay and Drug Development Technologies</i> , 2021, 19, 453-462.	0.6	5
125	A Systematic Review of the Tumor-Infiltrating CD8+ T-Cells/PD-L1 Axis in High-Grade Glial Tumors: Toward Personalized Immuno-Oncology. <i>Frontiers in Immunology</i> , 2021, 12, 734956.	2.2	4
126	The Prognostic Value of CD133 in Predicting the Relapse and Recurrence Pattern of High-Grade Gliomas on MRI: A Meta-Analysis. <i>Frontiers in Oncology</i> , 2021, 11, 722833.	1.3	9

#	ARTICLE	IF	CITATIONS
127	A Systematic Review and Meta-Analysis on the Significance of TIGIT in Solid Cancers: Dual TIGIT/PD-1 Blockade to Overcome Immune-Resistance in Solid Cancers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10389.	1.8	14
128	Identification of a compound heterozygous missense mutation in LAMA2 gene from a patient with merosin-deficient congenital muscular dystrophy type 1A. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23930.	0.9	3
129	Docosahexaenoic acid (DHA) and linoleic acid (LA) modulate the expression of breast cancer involved miRNAs in MDA-MB-231 cell line. <i>Clinical Nutrition ESPEN</i> , 2021, 46, 477-483.	0.5	6
130	Podocyte-derived microparticles in IgA nephropathy. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111891.	2.5	8
131	Surface modification with cholesteryl acetyl carnitine, a novel cationic agent, elevates cancer cell uptake of the PEGylated liposomes. <i>International Journal of Pharmaceutics</i> , 2021, 609, 121148.	2.6	6
132	Up-down regulation of HIF-1 α in cancer progression. <i>Gene</i> , 2021, 798, 145796.	1.0	95
133	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.	2.5	6
134	Sodium metabisulfite as a cytotoxic food additive induces apoptosis in HFFF2 cells. <i>Food Chemistry</i> , 2021, 358, 129910.	4.2	10
135	NANOG gene suppression and replacement of let-7 modulate the stemness, invasion, and apoptosis in breast cancer. <i>Gene</i> , 2021, 801, 145844.	1.0	8
136	Nanoparticles modified with vasculature-homing peptides for targeted cancer therapy and angiogenesis imaging. <i>Journal of Controlled Release</i> , 2021, 338, 367-393.	4.8	21
137	Revealing the role of miRNA-489 as a new onco-suppressor factor in different cancers based on pre-clinical and clinical evidence. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 727-737.	3.6	33
138	A scoping review on the potentiality of PD-L1-inhibiting microRNAs in treating colorectal cancer: Toward single-cell sequencing-guided biocompatible-based delivery. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112213.	2.5	21
139	Profiling inflammatory cytokines following zinc supplementation: a systematic review and meta-analysis of controlled trials. <i>British Journal of Nutrition</i> , 2021, 126, 1441-1450.	1.2	8
140	HMGA2 Supports Cancer Hallmarks in Triple-Negative Breast Cancer. <i>Cancers</i> , 2021, 13, 5197.	1.7	11
141	The Positive and Negative Immunoregulatory Role of B7 Family: Promising Novel Targets in Gastric Cancer Treatment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10719.	1.8	36
142	The effects of chemotherapeutic drugs on PD-L1 gene expression in breast cancer cell lines. <i>Medical Oncology</i> , 2021, 38, 147.	1.2	6
143	On-Site Detection of Carcinoembryonic Antigen in Human Serum. <i>Biosensors</i> , 2021, 11, 392.	2.3	13
144	Lateral flow assays (LFA) as an alternative medical diagnosis method for detection of virus species: The intertwine of nanotechnology with sensing strategies. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 145, 116460.	5.8	45

#	ARTICLE	IF	CITATIONS
145	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.	1.2	8
146	Effect of Cellular-Based Artificial Antigen Presenting Cells Expressing ICOSL, in T-cell Subtypes Differentiation and Activation. <i>Advanced Pharmaceutical Bulletin</i> , 2021, 11, 537-542.	0.6	3
147	Simultaneous microRNA-612 restoration and 5-FU treatment inhibit the growth and migration of human PANC-1 pancreatic cancer cells. <i>EXCLI Journal</i> , 2021, 20, 160-173.	0.5	1
148	Molecular pathways in the development of HPV-induced cervical cancer. <i>EXCLI Journal</i> , 2021, 20, 320-337.	0.5	6
149	The Application of Next Generation Sequencing in Phage Display: A Short Review. <i>Immunoanalysis</i> , 2021, 1, 7-7.	0.2	0
150	Photodynamic Therapy with Zinc Phthalocyanine Inhibits the Stemness and Development of Colorectal Cancer: Time to Overcome the Challenging Barriers?. <i>Molecules</i> , 2021, 26, 6877.	1.7	6
151	A Systematic Review on PD-1 Blockade and PD-1 Gene-Editing of CAR-T Cells for Glioma Therapy: From Deciphering to Personalized Medicine. <i>Frontiers in Immunology</i> , 2021, 12, 788211.	2.2	5
152	Immunomodulatory Effect of Human Umbilical Cord Blood-derived Mesenchymal Stem Cells on Activated T-lymphocyte. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2021, 20, 711-720.	0.3	3
153	Immunotherapy for Hepatocellular Carcinoma: New Prospects for the Cancer Therapy. <i>Life</i> , 2021, 11, 1355.	1.1	8
154	Nicotinic Acetylcholine Receptor Subunit Alpha-7 Mediates PD-L1 and CTLA-4 Expression in HepG2 Cells. <i>Immunoanalysis</i> , 2021, 1, 10-10.	0.2	1
155	Cytotoxicity and Immunogenicity Evaluation of Synthetic Cell-penetrating Peptides for Methotrexate Delivery.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 506-515.	0.3	2
156	Synergistic Beneficial Effect of Docosahexaenoic Acid (DHA) and Docetaxel on the Expression Level of Matrix Metalloproteinase-2 (MMP-2) and MicroRNA-106b in Gastric Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2020, 51, 70-75.	0.6	11
157	miR-330 suppresses EMT and induces apoptosis by downregulating HMGA2 in human colorectal cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 920-931.	2.0	51
158	CD133: An emerging prognostic factor and therapeutic target in colorectal cancer. <i>Cell Biology International</i> , 2020, 44, 368-380.	1.4	31
159	Colon cancer therapy by focusing on colon cancer stem cells and their tumor microenvironment. <i>Journal of Cellular Physiology</i> , 2020, 235, 4153-4166.	2.0	92
160	DHA Abolishes the Detrimental Effect of Docetaxel on Downregulation of the MICA via Decreasing the Expression Level of MicroRNA-20a in Gastric Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2020, 51, 545-551.	0.6	7
161	MicroRNA-330 inhibits growth and migration of melanoma A375 cells: In vitro study. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 458-467.	1.2	15
162	Regulatory mechanisms of microRNAs in colorectal cancer and colorectal cancer stem cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 776-789.	2.0	32

#	ARTICLE	IF	CITATIONS
163	Prospects for the involvement of cancer stem cells in the pathogenesis of osteosarcoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 4167-4182.	2.0	25
164	Evaluation of ERAP1 gene single nucleotide polymorphisms in immunomodulation of pro-inflammatory and anti-inflammatory cytokines profile in ankylosing spondylitis. <i>Immunology Letters</i> , 2020, 217, 31-38.	1.1	14
165	Overcoming trastuzumab resistance in HER2 ⁺ positive breast cancer using combination therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 3142-3156.	2.0	65
166	MicroRNA ^{miR-193a} and taxol combination: A new strategy for treatment of colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 1388-1399.	1.2	36
167	A new insight into thymosin β ⁴ , a promising therapeutic approach for neurodegenerative disorders. <i>Journal of Cellular Physiology</i> , 2020, 235, 3270-3279.	2.0	8
168	Targeting ROCK signaling in health, malignant and non-malignant diseases. <i>Immunology Letters</i> , 2020, 219, 15-26.	1.1	61
169	Co-delivery of curcumin and Bcl-2 siRNA by PAMAM dendrimers for enhancement of the therapeutic efficacy in HeLa cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110762.	2.5	90
170	An update review of deregulated tumor suppressive microRNAs and their contribution in various molecular subtypes of breast cancer. <i>Gene</i> , 2020, 729, 144301.	1.0	32
171	The effect of <i>Yarrowia lipolytica</i> l-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.	3.6	13
172	Comparison of DNA and mRNA vaccines against cancer. <i>Drug Discovery Today</i> , 2020, 25, 552-560.	3.2	105
173	Overexpression and Clinicopathological Correlation of Long Noncoding RNA TMPO-AS1 in Colorectal Cancer Patients. <i>Journal of Gastrointestinal Cancer</i> , 2020, 51, 952-956.	0.6	19
174	Promising approaches in cancer immunotherapy. <i>Immunobiology</i> , 2020, 225, 151875.	0.8	49
175	microRNA-181 serves as a dual-role regulator in the development of human cancers. <i>Free Radical Biology and Medicine</i> , 2020, 152, 432-454.	1.3	51
176	Regulatory role of microRNAs in cancer through Hippo signaling pathway. <i>Pathology Research and Practice</i> , 2020, 216, 153241.	1.0	14
177	Recent progress in the design of DNA vaccines against tuberculosis. <i>Drug Discovery Today</i> , 2020, 25, 1971-1987.	3.2	19
178	Cutting-edge progress and challenges in stimuli responsive hydrogel microenvironment for success in tissue engineering today. <i>Journal of Controlled Release</i> , 2020, 328, 514-531.	4.8	45
179	COVID-19 Infection: Concise Review Based on the Immunological Perspective. <i>Immunological Investigations</i> , 2020, , 1-20.	1.0	11
180	Functional response difference between diabetic/normal cancerous patients to inflammatory cytokines and oxidative stresses after radiotherapy. <i>Reports of Practical Oncology and Radiotherapy</i> , 2020, 25, 730-737.	0.3	7

#	ARTICLE	IF	CITATIONS
181	Role of Nrf2 and mitochondria in cancer stem cells; in carcinogenesis, tumor progression, and chemoresistance. <i>Biochimie</i> , 2020, 179, 32-45.	1.3	35
182	Molecular mechanisms of breast cancer chemoresistance by immune checkpoints. <i>Life Sciences</i> , 2020, 263, 118604.	2.0	9
183	Optimization of Tris/EDTA/Sucrose (TES) periplasmic extraction for the recovery of functional scFv antibodies. <i>AMB Express</i> , 2020, 10, 129.	1.4	9
184	Novel insights into the treatment of SARS-CoV-2 infection: An overview of current clinical trials. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 18-43.	3.6	35
185	Well-Orientation Strategy for Direct Immobilization of Antibodies: Development of the Immunosensor Using the Boronic Acid-Modified Magnetic Graphene Nanoribbons for Ultrasensitive Detection of Lymphoma Cancer Cells. <i>Analytical Chemistry</i> , 2020, 92, 11405-11412.	3.2	48
186	Evaluating the role of microRNAs alterations in oral squamous cell carcinoma. <i>Gene</i> , 2020, 757, 144936.	1.0	20
187	Docosahexaenoic acid (DHA) inhibits pro-angiogenic effects of breast cancer cells via down-regulating cellular and exosomal expression of angiogenic genes and microRNAs. <i>Life Sciences</i> , 2020, 258, 118094.	2.0	33
188	The Latest Findings of PD-1/PD-L1 Inhibitor Application in Gynecologic Cancers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5034.	1.8	30
189	Silencing of IL-6 and STAT3 by siRNA loaded hyaluronate-N,N,N-trimethyl chitosan nanoparticles potently reduces cancer cell progression. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 487-500.	3.6	56
190	Clinical characteristics, laboratory findings, radiographic signs and outcomes of 61,742 patients with confirmed COVID-19 infection: A systematic review and meta-analysis. <i>Microbial Pathogenesis</i> , 2020, 147, 104390.	1.3	67
191	Immune Checkpoints and CAR-T Cells: The Pioneers in Future Cancer Therapies?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8305.	1.8	58
192	Targeting TGF- β 2-Mediated SMAD Signaling Pathway via Novel Recombinant Cytotoxin II: A Potent Protein from <i>Naja naja oxiana</i> Venom in Melanoma. <i>Molecules</i> , 2020, 25, 5148.	1.7	10
193	Coronavirus Disease 2019: A Brief Review of the Clinical Manifestations and Pathogenesis to the Novel Management Approaches and Treatments. <i>Frontiers in Oncology</i> , 2020, 10, 572329.	1.3	7
194	Tumor suppressive activity of miR-424-5p in breast cancer cells through targeting PD-L1 and modulating PTEN/PI3K/AKT/mTOR signaling pathway. <i>Life Sciences</i> , 2020, 259, 118239.	2.0	55
195	Cross-talk between myeloid-derived suppressor cells and Mucin1 in breast cancer vaccination: On the verge of a breakthrough. <i>Life Sciences</i> , 2020, 258, 118128.	2.0	12
196	Antioxidants with two faces toward cancer. <i>Life Sciences</i> , 2020, 258, 118186.	2.0	31
197	First Serological & Molecular Study of <i>Coxiella burnetii</i> in Stray, Domestic Cats, and Their Owners in Iran. <i>Topics in Companion Animal Medicine</i> , 2020, 41, 100471.	0.4	3
198	Thrombolytic Agents: Nanocarriers in Controlled Release. <i>Small</i> , 2020, 16, e2001647.	5.2	32

#	ARTICLE	IF	CITATIONS
199	Lysine-embedded cellulose-based nanosystem for efficient dual-delivery of chemotherapeutics in combination cancer therapy. <i>Carbohydrate Polymers</i> , 2020, 250, 116861.	5.1	25
200	Current perspectives on the dysregulated microRNAs in gastric cancer. <i>Molecular Biology Reports</i> , 2020, 47, 7253-7264.	1.0	8
201	Prognostic Role and Clinical Significance of Tumor-Infiltrating Lymphocyte (TIL) and Programmed Death Ligand 1 (PD-L1) Expression in Triple-Negative Breast Cancer (TNBC): A Systematic Review and Meta-Analysis Study. <i>Diagnostics</i> , 2020, 10, 704.	1.3	54
202	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.	1.7	23
203	PD-1/PD-L1 axis importance and tumor microenvironment immune cells. <i>Life Sciences</i> , 2020, 259, 118297.	2.0	26
204	Signaling pathways and microRNAs, the orchestrators of NANOG activity during cancer induction. <i>Life Sciences</i> , 2020, 260, 118337.	2.0	12
205	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.	1.0	17
206	MicroRNAs and lncRNAs—A New Layer of Myeloid-Derived Suppressor Cells Regulation. <i>Frontiers in Immunology</i> , 2020, 11, 572323.	2.2	17
207	Vascular mimicry: changing the therapeutic paradigms in cancer. <i>Molecular Biology Reports</i> , 2020, 47, 4749-4765.	1.0	34
208	Role of microRNAs in epidermal growth factor receptor signaling pathway in cervical cancer. <i>Molecular Biology Reports</i> , 2020, 47, 4553-4568.	1.0	15
209	Targeted anti-inflammatory therapy is a new insight for reducing cardiovascular events: A review from physiology to the clinic. <i>Life Sciences</i> , 2020, 253, 117720.	2.0	4
210	Diagnostic, prognostic, and therapeutic significance of miR-139-5p in cancers. <i>Life Sciences</i> , 2020, 256, 117865.	2.0	19
211	CD40 DNA hypermethylation in primary gastric tumors; as a novel diagnostic biomarker. <i>Life Sciences</i> , 2020, 254, 117774.	2.0	11
212	Dietary patterns and relative expression levels of PPAR- β , VEGF-A and HIF-1 α genes in benign breast diseases: case-control and consecutive case-series designs. <i>British Journal of Nutrition</i> , 2020, 124, 832-843.	1.2	3
213	Targeting immune checkpoints: Building better therapeutic puzzle in pancreatic cancer combination therapy. <i>European Journal of Cancer Care</i> , 2020, 29, e13268.	0.7	4
214	Neutrophils, Crucial, or Harmful Immune Cells Involved in Coronavirus Infection: A Bioinformatics Study. <i>Frontiers in Genetics</i> , 2020, 11, 641.	1.1	71
215	MiR-486-5p enhances cisplatin sensitivity of human muscle-invasive bladder cancer cells by induction of apoptosis and down-regulation of metastatic genes. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020, 38, 738.e9-738.e21.	0.8	12
216	Silencing of HIF-1 α /CD73 axis by siRNA-loaded TAT-chitosan-spion nanoparticles robustly blocks cancer cell progression. <i>European Journal of Pharmacology</i> , 2020, 882, 173235.	1.7	48

#	ARTICLE	IF	CITATIONS
217	Comparison of confirmed <scp>COVID</scp>â€19 with <scp>SARS</scp> and <scp>MERS</scp> cases â€ Clinical characteristics, laboratory findings, radiographic signs and outcomes: A systematic review and metaâ€analysis. <i>Reviews in Medical Virology</i> , 2020, 30, e2112.	3.9	63
218	The potentials of immune checkpoints for the treatment of blood malignancies. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 153, 103031.	2.0	4
219	Expression and characterization of a novel recombinant cytotoxin II from <i>Naja naja oxiana</i> venom: A potential treatment for breast cancer. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1283-1292.	3.6	5
220	Overexpression of HMGA2 in breast cancer promotes cell proliferation, migration, invasion and stemness. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 255-265.	1.5	30
221	The dual role of alpha7 nicotinic acetylcholine receptor in inflammation-associated gastrointestinal cancers. <i>Heliyon</i> , 2020, 6, e03611.	1.4	24
222	CD133 suppression increases the sensitivity of prostate cancer cells to paclitaxel. <i>Molecular Biology Reports</i> , 2020, 47, 3691-3703.	1.0	18
223	Silencing of p68 and STAT3 synergistically diminishes cancer progression. <i>Life Sciences</i> , 2020, 249, 117499.	2.0	31
224	Biosensing of microcystins in water samples; recent advances. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112403.	5.3	40
225	Dual sensitivity enhancement in gold nanoparticleâ€based lateral flow immunoassay for visual detection of carcinoembryonic antigen. <i>Analytical Science Advances</i> , 2020, 1, 161-172.	1.2	10
226	Combination of Ipilimumab and Nivolumab in Cancers: From Clinical Practice to Ongoing Clinical Trials. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4427.	1.8	67
227	Prostate cancer cells modulate the differentiation of THPâ€1 cells in response to etoposide and TLR agonists treatments. <i>Cell Biology International</i> , 2020, 44, 2031-2041.	1.4	4
228	Immune checkpoints in tumor microenvironment and their relevance to the development of cancer stem cells. <i>Life Sciences</i> , 2020, 256, 118005.	2.0	32
229	Role of miR-21 as an authentic oncogene in mediating drug resistance in breast cancer. <i>Gene</i> , 2020, 738, 144453.	1.0	46
230	The role of miRâ€34 in cancer drug resistance. <i>Journal of Cellular Physiology</i> , 2020, 235, 6424-6440.	2.0	18
231	Janus kinase inhibitors: A therapeutic strategy for cancer and autoimmune diseases. <i>Journal of Cellular Physiology</i> , 2020, 235, 5903-5924.	2.0	60
232	PDâ€1/PDâ€L1â€dependent immune response in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 5461-5475.	2.0	86
233	Small interfering RNA targeting alpha7 nicotinic acetylcholine receptor sensitizes hepatocellular carcinoma cells to sorafenib. <i>Life Sciences</i> , 2020, 244, 117332.	2.0	8
234	Hyaluronic acidâ€decorated liposomal nanoparticles for targeted delivery of 5â€fluorouracil into HTâ€29 colorectal cancer cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 6817-6830.	2.0	57

#	ARTICLE	IF	CITATIONS
235	CTLA-4: From mechanism to autoimmune therapy. <i>International Immunopharmacology</i> , 2020, 80, 106221.	1.7	132
236	Current Approaches for Combination Therapy of Cancer: The Role of Immunogenic Cell Death. <i>Cancers</i> , 2020, 12, 1047.	1.7	95
237	MiR-144: A New Possible Therapeutic Target and Diagnostic/Prognostic Tool in Cancers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2578.	1.8	35
238	Targeting STAT3 in cancer and autoimmune diseases. <i>European Journal of Pharmacology</i> , 2020, 878, 173107.	1.7	69
239	The role of B cells in the immunopathogenesis of multiple sclerosis. <i>Immunology</i> , 2020, 160, 325-335.	2.0	22
240	COVID-19 Infection in Cancer Patients: How Can Oncologists Deal With These Patients?. <i>Frontiers in Oncology</i> , 2020, 10, 734.	1.3	38
241	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.	2.2	13
242	The role of HSP90 molecular chaperones in hepatocellular carcinoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 9110-9120.	2.0	19
243	Alpha7 Nicotinic Acetylcholine Receptor Mediates Nicotine-induced Apoptosis and Cell Cycle Arrest of Hepatocellular Carcinoma HepG2 Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 65-71.	0.6	10
244	Gene Co-expression Network Analysis for Identifying Modules and Functionally Enriched Pathways in Vitiligo Disease: A Systems Biology Study. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2020, 19, 517-528.	0.3	9
245	Recent Advances in Targeting of Breast Cancer Stem Cells Based on Biological Concepts and Drug Delivery System Modification. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 338-349.	0.6	5
246	miR-330 Regulates Colorectal Cancer Oncogenesis by Targeting BACH1. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 444-451.	0.6	18
247	Tumor-Associated Macrophages: Protumoral Macrophages in Inflammatory Tumor Microenvironment. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 556-565.	0.6	42
248	Restoring of miR-193a-5p Sensitizes Breast Cancer Cells to Paclitaxel through P53 Pathway. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 595-601.	0.6	11
249	Relation between Immune cell response and stemness genes expression in breast cancer; A new approach in NANOG gene and Let7-a expression in breast cancer cell lines. <i>Immunopathologia Persa</i> , 2020, 6, e21-e21.	0.5	6
250	Anti-Cancer Effects of Probiotic <i>Lactobacillus acidophilus</i> for Colorectal Cancer Cell Line Caco-2 through Apoptosis Induction. <i>Pharmaceutical Sciences</i> , 2020, 27, 262-267.	0.1	19
251	<i>Helicobacter pylori</i> Recombinant CagA Regulates Th1/Th2 Balance in a BALB/c Murine Model. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 264-270.	0.6	9
252	Acellular Wharton's Jelly, Potentials in T-Cell Subtypes Differentiation, Activation and Proliferation. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 617-622.	0.6	2

#	ARTICLE	IF	CITATIONS
253	LRP8 (rs5177) and CEP85L (rs11756438) are contributed to schizophrenia susceptibility in Iranian population. <i>Psychiatric Genetics</i> , 2020, 30, 162-165.	0.6	1
254	In vitro anticancer activity of extracts on MCF-7 and WEHI-164 cell line. <i>EXCLI Journal</i> , 2020, 19, 1341-1352.	0.5	0
255	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.	0.5	4
256	Restoration of miRNA-143 Expression Inhibits Growth and Migration of MKN-45 Gastric Cancer Cell Line. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 12, 183-190.	0.6	1
257	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> , 2019, 234, 769-776.	2.0	36
258	MicroRNAs in cancer drug resistance: Basic evidence and clinical applications. <i>Journal of Cellular Physiology</i> , 2019, 234, 2152-2168.	2.0	54
259	Topical application of <i>Mentha piperita</i> essential oil accelerates wound healing in infected mice model. <i>Inflammopharmacology</i> , 2019, 27, 531-537.	1.9	61
260	Association of proinflammatory genes expression with serum interleukin 1 β and free fatty acids in metabolically healthy and unhealthy abdominally obese individuals: a case-control study. <i>BMC Immunology</i> , 2019, 20, 23.	0.9	4
261	Overcoming multiple drug resistance in lung cancer using siRNA targeted therapy. <i>Gene</i> , 2019, 714, 143972.	1.0	27
262	Tumor suppressor microRNAs in lung cancer: An insight to signaling pathways and drug resistance. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19274-19289.	1.2	18
263	Critical microRNAs in Lung Cancer: Recent Advances and Potential Applications. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1991-2005.	0.9	26
264	Identification of miRNAs correlating with stage and progression of colorectal cancer. <i>Colorectal Cancer</i> , 2019, 8, CRC06.	0.8	11
265	Applications of Spherical Nucleic Acid Nanoparticles as Delivery Systems. <i>Trends in Molecular Medicine</i> , 2019, 25, 1066-1079.	3.5	58
266	Recent advances on HIV DNA vaccines development: Stepwise improvements to clinical trials. <i>Journal of Controlled Release</i> , 2019, 316, 116-137.	4.8	23
267	Recent advances on thermosensitive and pH-sensitive liposomes employed in controlled release. <i>Journal of Controlled Release</i> , 2019, 315, 1-22.	4.8	134
268	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.	1.3	30
269	Targeting the KRAS, p38 β , and NF- κ B in lung adenocarcinoma cancer cells: The effect of combining RNA interferences with a chemical inhibitor. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 10670-10677.	1.2	14
270	A comprehensive review on miR-451: A promising cancer biomarker with therapeutic potential. <i>Journal of Cellular Physiology</i> , 2019, 234, 21716-21731.	2.0	32

#	ARTICLE	IF	CITATIONS
271	Liposome and immune system interplay: Challenges and potentials. <i>Journal of Controlled Release</i> , 2019, 305, 194-209.	4.8	142
272	Photodynamic therapy for cancer: Role of natural products. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 26, 395-404.	1.3	128
273	Development of a reliable microRNA based electrochemical genosensor for monitoring of miR-146a, as key regulatory agent of neurodegenerative disease. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 695-703.	3.6	39
274	MicroRNAs in cancer cell death pathways: Apoptosis and necroptosis. <i>Free Radical Biology and Medicine</i> , 2019, 139, 1-15.	1.3	128
275	New emerging roles of CD133 in cancer stem cell: Signaling pathway and miRNA regulation. <i>Journal of Cellular Physiology</i> , 2019, 234, 21642-21661.	2.0	58
276	Dengue virus: a review on advances in detection and trends “ from conventional methods to novel biosensors. <i>Mikrochimica Acta</i> , 2019, 186, 329.	2.5	81
277	miRNA ¹⁴³ replacement therapy harnesses the proliferation and migration of colorectal cancer cells <i>in vitro</i> . <i>Journal of Cellular Physiology</i> , 2019, 234, 21359-21368.	2.0	22
278	Mast cells: A double-edged sword in cancer. <i>Immunology Letters</i> , 2019, 209, 28-35.	1.1	64
279	Interactions between cancer stem cells, immune system and some environmental components: Friends or foes?. <i>Immunology Letters</i> , 2019, 208, 19-29.	1.1	66
280	Carbon based nanomaterials for tissue engineering of bone: Building new bone on small black scaffolds: A review. <i>Journal of Advanced Research</i> , 2019, 18, 185-201.	4.4	280
281	The potential role of miR ²⁹ in health and cancer diagnosis, prognosis, and therapy. <i>Journal of Cellular Physiology</i> , 2019, 234, 19280-19297.	2.0	53
282	Alpha7 nicotinic acetylcholine receptors in lung inflammation and carcinogenesis: Friends or foes?. <i>Journal of Cellular Physiology</i> , 2019, 234, 14666-14679.	2.0	37
283	The impact of water molecules on binding affinity of the anti-diabetic thiazolidinediones for catalase: Kinetic and mechanistic approaches. <i>Archives of Biochemistry and Biophysics</i> , 2019, 664, 110-116.	1.4	5
284	The crucial role of ZEB2: From development to epithelial ^{to} mesenchymal transition and cancer complexity. <i>Journal of Cellular Physiology</i> , 2019, 234, 14783-14799.	2.0	72
285	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, 16043-16053.	2.0	41
286	HMGA2 and Bach ¹ cooperate to promote breast cancer cell malignancy. <i>Journal of Cellular Physiology</i> , 2019, 234, 17714-17726.	2.0	33
287	miR ¹⁹³ : A new weapon against cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 16861-16872.	2.0	65
288	Synthesis and characterisation of iron oxide nanoparticles conjugated with epidermal growth factor receptor (EGFR) monoclonal antibody as MRI contrast agent for cancer detection. <i>IET Nanobiotechnology</i> , 2019, 13, 400-406.	1.9	21

#	ARTICLE	IF	CITATIONS
289	The effects of Berberis vulgaris consumption on plasma levels of IGF-1, IGFBPs, PPAR- β and the expression of angiogenic genes in women with benign breast disease: a randomized controlled clinical trial. BMC Complementary and Alternative Medicine, 2019, 19, 324.	3.7	7
290	Serum overexpression of miR-301a and miR-23a in patients with colorectal cancer. Journal of the Chinese Medical Association, 2019, 82, 215-220.	0.6	60
291	MicroRNA-145 replacement effect on growth and migration inhibition in lung cancer cell line. Biomedicine and Pharmacotherapy, 2019, 111, 460-467.	2.5	18
292	Regulatory mechanisms of miR-145 expression and the importance of its function in cancer metastasis. Biomedicine and Pharmacotherapy, 2019, 109, 195-207.	2.5	62
293	miR-142 as tumor suppressor miRNA in the regulation of tumorigenicity, invasion and migration of human breast cancer by targeting Bach1 expression. Journal of Cellular Physiology, 2019, 234, 9816-9825.	2.0	100
294	The role of DEAD-box RNA helicase p68 (DDX5) in the development and treatment of breast cancer. Journal of Cellular Physiology, 2019, 234, 5478-5487.	2.0	41
295	Key microRNAs in the biology of breast cancer; emerging evidence in the last decade. Journal of Cellular Physiology, 2019, 234, 8316-8326.	2.0	49
296	Role of miR-142 in the pathogenesis of osteosarcoma and its potential as therapeutic approach. Journal of Cellular Biochemistry, 2019, 120, 4783-4793.	1.2	23
297	Insights into the roles of miRNAs; miR-193 as one of small molecular silencer in osteosarcoma therapy. Biomedicine and Pharmacotherapy, 2019, 111, 873-881.	2.5	16
298	Circulating myeloid-derived suppressor cells: An independent prognostic factor in patients with breast cancer. Journal of Cellular Physiology, 2019, 234, 3515-3525.	2.0	62
299	MicroRNAs and breast cancer stem cells: Potential role in breast cancer therapy. Journal of Cellular Physiology, 2019, 234, 3294-3306.	2.0	22
300	Aspirin in retrieving the inactivated catalase to active form: Displacement of one inhibitor with a protective agent. International Journal of Biological Macromolecules, 2019, 122, 306-311.	3.6	7
301	Small interfering RNA-mediated gene suppression as a therapeutic intervention in hepatocellular carcinoma. Journal of Cellular Physiology, 2019, 234, 3263-3276.	2.0	31
302	Effects of HMGA2 gene downregulation by siRNA on lung carcinoma cell migration in A549 cell lines. Journal of Cellular Biochemistry, 2019, 120, 5024-5032.	1.2	10
303	Downregulation of miR-146a promotes cell migration in Helicobacter pylori "negative gastric cancer. Journal of Cellular Biochemistry, 2019, 120, 9495-9505.	1.2	24
304	Dimethyl fumarate: Regulatory effects on the immune system in the treatment of multiple sclerosis. Journal of Cellular Physiology, 2019, 234, 9943-9955.	2.0	29
305	miR-193a inhibits migration of human HT-29 colon cancer cells via suppression of metastasis pathway. Journal of Cellular Biochemistry, 2019, 120, 8775-8783.	1.2	43
306	Targeting of high mobility group A2 by small interfering RNA-loaded nanoliposome-induced apoptosis and migration inhibition in gastrointestinal cancer cells. Journal of Cellular Biochemistry, 2019, 120, 9203-9212.	1.2	7

#	ARTICLE	IF	CITATIONS
307	microRNAs in cancer stem cells: Biology, pathways, and therapeutic opportunities. <i>Journal of Cellular Physiology</i> , 2019, 234, 10002-10017.	2.0	78
308	Dysregulation of key microRNAs in pancreatic cancer development. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1008-1015.	2.5	48
309	Immune checkpoint blockade opens a new way to cancer immunotherapy. <i>Journal of Cellular Physiology</i> , 2019, 234, 8541-8549.	2.0	84
310	Insulin resistance in relation to inflammatory gene expression and metabolic features in apparently healthy obese individuals. <i>International Journal of Diabetes in Developing Countries</i> , 2019, 39, 66-73.	0.3	3
311	The Study of HLA-C Gene and Protein Expression in Patients with Recurrent Miscarriage. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 70-75.	0.6	9
312	Anti-tumor Effect of Quercetin Loaded Chitosan Nanoparticles on Induced Colon Cancer in Wistar Rats. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 409-415.	0.6	35
313	Breast Cancer Among Young Women in Iran. <i>International Journal of Women's Health and Reproduction Sciences</i> , 2019, 7, 140-140.	0.2	5
314	Association of rs1946518 C/A Polymorphism in Promoter Region of Interleukin 18 Gene and Breast Cancer Risk in Iranian Women: A Case-control Study. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2019, 18, 671-678.	0.3	14
315	Gene Silencing Strategies in Cancer Therapy: An Update for Drug Resistance. <i>Current Medicinal Chemistry</i> , 2019, 26, 6282-6303.	1.2	14
316	Let-7a Could Serve as A Biomarker for Chemo-Responsiveness to Docetaxel in Gastric Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 304-309.	0.9	16
317	Synergistic Effect of Novel EGFR Inhibitor AZD8931 and p38 β siRNA in Lung Adenocarcinoma Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 638-644.	0.9	9
318	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.	0.2	0
319	Chitosan and Quercetin: Potential Hand in Hand Encountering Tumors in Oral Delivery System. <i>Current Pharmaceutical Design</i> , 2019, 25, 3074-3086.	0.9	3
320	Induction of Apoptosis by a Combination of 2-Deoxyglucose and Metformin in Esophageal Squamous Cell Carcinoma by Targeting Cancer Cell Metabolism. <i>Iranian Journal of Medical Sciences</i> , 2019, 44, 99-107.	0.3	15
321	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.	0.3	6
322	Treating cancer with microRNA replacement therapy: A literature review. <i>Journal of Cellular Physiology</i> , 2018, 233, 5574-5588.	2.0	250
323	TLR-2, IL-10 and IL-17-mediated immunity in experimental chemotherapy murine model of systemic candidiasis; cyclophosphamides' impact and roles. <i>Microbial Pathogenesis</i> , 2018, 119, 183-192.	1.3	16
324	Toll-like receptor signaling and serum levels of interferon β 2 and lipopolysaccharide binding protein are related to abdominal obesity: a case-control study between metabolically healthy and metabolically unhealthy obese individuals. <i>Nutrition Research</i> , 2018, 55, 11-20.	1.3	10

#	ARTICLE	IF	CITATIONS
325	MicroRNA implications in the etiopathogenesis of ankylosing spondylitis. <i>Journal of Cellular Physiology</i> , 2018, 233, 5564-5573.	2.0	42
326	Potential Molecular Targets in the Treatment of Lung Cancer Using siRNA Technology. <i>Cancer Investigation</i> , 2018, 36, 37-58.	0.6	15
327	The role of gut microbiota and IL-23/IL-17 pathway in ankylosing spondylitis immunopathogenesis: New insights and updates. <i>Immunology Letters</i> , 2018, 196, 52-62.	1.1	59
328	Double sword role of EZH2 in leukemia. <i>Biomedicine and Pharmacotherapy</i> , 2018, 98, 626-635.	2.5	20
329	Recent advances on aptamer-based biosensors to detection of platelet-derived growth factor. <i>Biosensors and Bioelectronics</i> , 2018, 113, 58-71.	5.3	90
330	Cloning and molecular characterization of the cDNAs encoding the variable regions of an anti-CD20 monoclonal antibody. <i>Human Antibodies</i> , 2018, 26, 1-6.	0.6	4
331	Co-delivery of insulin-like growth factor 1 receptor specific siRNA and doxorubicin using chitosan-based nanoparticles enhanced anticancer efficacy in A549 lung cancer cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 293-302.	1.9	25
332	Myeloid-derived suppressor cells: Important contributors to tumor progression and metastasis. <i>Journal of Cellular Physiology</i> , 2018, 233, 3024-3036.	2.0	141
333	The role of innate lymphoid cells in health and disease. <i>Journal of Cellular Physiology</i> , 2018, 233, 4512-4529.	2.0	37
334	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.	1.9	47
335	MicroRNAs as novel biomarkers for colorectal cancer: New outlooks. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1319-1330.	2.5	93
336	Snail-1 Silencing by siRNA Inhibits Migration of TE-8 Esophageal Cancer Cells Through Downregulation of Metastasis-Related Genes. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 437-445.	0.6	10
337	Evaluation of Flavonoid Derivative and Doxorubicin Effects in Lung Cancer Cells (A549) Using Differential Pulse Voltammetry Method. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 637-642.	0.6	12
338	Diagnosis of hepatitis via nanomaterial-based electrochemical, optical or piezoelectrical biosensors: a review on recent advancements. <i>Mikrochimica Acta</i> , 2018, 185, 568.	2.5	34
339	Silibinin to improve cancer therapeutic, as an apoptotic inducer, autophagy modulator, cell cycle inhibitor, and microRNAs regulator. <i>Life Sciences</i> , 2018, 213, 236-247.	2.0	62
340	Contradictory mRNA and protein misexpression of EEF1A1 in ductal breast carcinoma due to cell cycle regulation and cellular stress. <i>Scientific Reports</i> , 2018, 8, 13904.	1.6	25
341	Investigation of BAX and BCL2 expression and apoptosis in a resveratrol- and prednisolone-treated human T-ALL cell line, CCRF-CEM. <i>Blood Research</i> , 2018, 53, 53.	0.5	46
342	DJ1 and microRNA-214 act synergistically to rescue myoblast cells after ischemia/reperfusion injury. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7192-7203.	1.2	8

#	ARTICLE	IF	CITATIONS
343	PAMAM dendrimers as efficient drug and gene delivery nanosystems for cancer therapy. <i>Applied Materials Today</i> , 2018, 12, 177-190.	2.3	299
344	Surface functionalized dendrimers as controlled-release delivery nanosystems for tumor targeting. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 122, 311-330.	1.9	77
345	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.	0.6	4
346	Anti-CD24 bio Modified PEGylated Gold Nanoparticles as Targeted Computed Tomography Contrast Agent. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 599-607.	0.6	9
347	Differential altered expression of let-7a and miR-205 tumor-suppressor miRNAs in different subtypes of breast cancer under treatment with Taxol. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 941-945.	0.6	15
348	Construction and Development of a Cardiac Tissue-Specific and Hypoxia-Inducible Expression Vector. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 29-38.	0.6	3
349	The Effects of Juice on Insulin Indices in Women with Benign Breast Disease: A Randomized Controlled Clinical Trial. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 110-121.	0.3	4
350	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.	1.9	20
351	Epigenetic modifications and epigenetic based medication implementations of autoimmune diseases. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 596-608.	2.5	31
352	Therapeutic effects of bach1 siRNA on human breast adenocarcinoma cell line. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 34-42.	2.5	23
353	Isolation and characterization of anti c-met single chain fragment variable (scFv) antibodies. <i>Journal of Immunotoxicology</i> , 2017, 14, 23-30.	0.9	11
354	Isolation and characterization of anti ROR1 single chain fragment variable antibodies using phage display technique. <i>Human Antibodies</i> , 2017, 25, 57-63.	0.6	10
355	MLN4924 and 2DG combined treatment enhances the efficiency of radiotherapy in breast cancer cells. <i>International Journal of Radiation Biology</i> , 2017, 93, 590-599.	1.0	22
356	Receptor tyrosine kinase-like orphan receptor 1 (ROR-1): An emerging target for diagnosis and therapy of chronic lymphocytic leukemia. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 814-822.	2.5	23
357	Urtica dioica Extract Inhibits Proliferation and Induces Apoptosis and Related Gene Expression of Breast Cancer Cells InÂVitro and InÂVivo. <i>Clinical Breast Cancer</i> , 2017, 17, 463-470.	1.1	16
358	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.	2.5	33
359	Function of microRNA-143 in different signal pathways in cancer: New insights into cancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 121-131.	2.5	28
360	Chitosan nanoparticles as a dual drug/siRNA delivery system for treatment of colorectal cancer. <i>Immunology Letters</i> , 2017, 181, 79-86.	1.1	87

#	ARTICLE	IF	CITATIONS
361	Nano-liposome-based target toxicity machine: an alternative/complementary approach in atopic diseases. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1292-1297.	1.9	5
362	Tumor suppressor p53 induces apoptosis of host lymphocytes experimentally infected by <i>Leishmania major</i> , by activation of Bax and caspase-3: a possible survival mechanism for the parasite. <i>Parasitology Research</i> , 2017, 116, 2159-2166.	0.6	16
363	Antiproliferative and Apoptotic Effects of Novel Anti-ROR1 Single-Chain Antibodies in Hematological Malignancies. <i>SLAS Discovery</i> , 2017, 22, 408-417.	1.4	15
364	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.	2.5	17
365	Regulation of miRNAs by herbal medicine: An emerging field in cancer therapies. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 262-270.	2.5	38
366	Growth inhibitory effect of <i>Scrophularia oxysepala</i> extract on mouse mammary carcinoma 4T1 cells in vitro and in vivo systems. <i>Biomedicine and Pharmacotherapy</i> , 2017, 85, 718-724.	2.5	9
367	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.	1.7	14
368	Balaglitazone reverses P-glycoprotein-mediated multidrug resistance via upregulation of PTEN in a PPAR γ -dependent manner in leukemia cells. <i>Tumor Biology</i> , 2017, 39, 101042831771650.	0.8	41
369	MiR-146a functions as a small silent player in gastric cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 238-245.	2.5	49
370	Nanomaterial-based biosensors for detection of pathogenic virus. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 445-457.	5.8	230
371	The role of CIP2A in cancer: A review and update. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 626-633.	2.5	48
372	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.	2.5	10
373	Regulatory roles of micro-RNAs in T cell autoimmunity. <i>Immunological Investigations</i> , 2017, 46, 864-879.	1.0	16
374	MicroRNAs in the Diagnosis and Treatment of Cancer. <i>Immunological Investigations</i> , 2017, 46, 880-897.	1.0	52
375	Secretases-related miRNAs in Alzheimer's disease: new approach for biomarker discovery. <i>Neurological Sciences</i> , 2017, 38, 1921-1926.	0.9	12
376	<i>Urtica dioica</i> extract suppresses miR-21 and metastasis-related genes in breast cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 95-102.	2.5	28
377	Enhancement of chemosensitivity by simultaneously silencing of Mcl-1 and Survivin genes using small interfering RNA in human myelomonocytic leukaemia. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 46, 1-7.	1.9	8
378	The paradox of Th17 cell functions in tumor immunity. <i>Cellular Immunology</i> , 2017, 322, 15-25.	1.4	148

#	ARTICLE	IF	CITATIONS
379	Troloxerutin Preconditioning and Ischemic Postconditioning Modulate Inflammatory Response after Myocardial Ischemia/Reperfusion Injury in Rat Model. <i>Inflammation</i> , 2017, 40, 136-143.	1.7	31
380	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.	0.6	17
381	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.	0.6	41
382	Role of the HTLV-1 viral factors in the induction of apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2017, 85, 334-347.	2.5	19
383	The Different Mechanisms of Cancer Drug Resistance: A Brief Review. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 339-348.	0.6	1,143
384	Cholinergic Anti-Inflammatory Pathway and the Liver. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 507-513.	0.6	21
385	The Utilization of RNA Silencing Technology to Mitigate the Voriconazole Resistance of <i>Aspergillus Flavus</i> ; Lipofectamine-Based Delivery. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 53-59.	0.6	13
386	Immuno-biosensor for Detection of CD20-Positive Cells Using Surface Plasmon Resonance. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 189-194.	0.6	12
387	The Cytotoxic and Apoptotic Effects of <i>Scrophularia Atropatana</i> Extracts on Human Breast Cancer Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 381-389.	0.6	11
388	siRNA-Mediated Silencing of CIP2A Enhances Docetaxel Activity Against PC-3 Prostate Cancer Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 637-643.	0.6	12
389	An in vitro ethnopharmacological study on <i>Prangos ferulacea</i> : a wound healing agent. <i>BiolImpacts</i> , 2017, 7, 75-82.	0.7	14
390	Overcoming the Challenges of siRNA Delivery: Nanoparticle Strategies. <i>Current Drug Delivery</i> , 2017, 14, 36-46.	0.8	47
391	CD20-based Immunotherapy of B-cell Derived Hematologic Malignancies. <i>Current Cancer Drug Targets</i> , 2017, 17, 423-444.	0.8	23
392	The effects of gene therapy with granulocyte-macrophage colony-stimulating factor in the regression of tumor masses in fibrosarcoma mouse model. <i>Journal of Cancer Research and Therapeutics</i> , 2017, 13, 362.	0.3	2
393	The Role of M2000 as an Anti-inflammatory Agent in Toll-Like Receptor 2/microRNA-155 Pathway. <i>Avicenna Journal of Medical Biotechnology</i> , 2017, 9, 8-12.	0.2	8
394	Evaluation of Various Biological Activities of the Aerial Parts of Growing in Iran. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 277-289.	0.3	11
395	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.	0.3	4
396	Cytotoxic and Apoptotic Activities of Methanolic Subfractions of <i>Scrophularia oxysepala</i> against Human Breast Cancer Cell Line. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-10.	0.5	24

#	ARTICLE	IF	CITATIONS
397	MLN4924 therapy as a novel approach in cancer treatment modalities. <i>Journal of Chemotherapy</i> , 2016, 28, 74-82.	0.7	25
398	Co-delivery of IL17RB siRNA and doxorubicin by chitosan-based nanoparticles for enhanced anticancer efficacy in breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 229-240.	2.5	72
399	Peroxisome Proliferator-Activated Receptor Ligands and Their Role in Chronic Myeloid Leukemia: Therapeutic Strategies. <i>Chemical Biology and Drug Design</i> , 2016, 88, 17-25.	1.5	34
400	Cancer chemoresistance; biochemical and molecular aspects: a brief overview. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 89, 20-30.	1.9	123
401	Protective Immunity Against Homologous and Heterologous Influenza Virus Lethal Challenge by Immunization with New Recombinant Chimeric HA2-M2e Fusion Protein in BALB/C Mice. <i>Viral Immunology</i> , 2016, 29, 228-234.	0.6	9
402	BACH1, the master regulator gene: A novel candidate target for cancer therapy. <i>Gene</i> , 2016, 588, 30-37.	1.0	89
403	The Herbal Medicine <i>Urtica Dioica</i> 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, 187-195.	0.6	21
404	Phage display as a promising approach for vaccine development. <i>Journal of Biomedical Science</i> , 2016, 23, 66.	2.6	152
405	Introducing nitazoxanide as a promising alternative treatment for symptomatic to metronidazole-resistant giardiasis in clinical isolates. <i>Asian Pacific Journal of Tropical Medicine</i> , 2016, 9, 887-892.	0.4	16
406	The role of microRNAs in colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 705-713.	2.5	134
407	The <i>Urtica dioica</i> extract enhances sensitivity of paclitaxel drug to MDA-MB-468 breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 835-842.	2.5	24
408	Overview on experimental models of interactions between nanoparticles and the immune system. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1365-1378.	2.5	68
409	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.	2.5	52
410	Effects of HMGA2 siRNA and doxorubicin dual delivery by chitosan nanoparticles on cytotoxicity and gene expression of HT-29 colorectal cancer cell line. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 1119-1130.	1.2	60
411	Effects of irradiated Ergosan on the growth performance and mucus biological components of rainbow trout <i>Oncorhynchus mykiss</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2016, 34, 13-18.	0.7	2
412	HMGI-C suppressing induces P53/caspase9 axis to regulate apoptosis in breast adenocarcinoma cells. <i>Cell Cycle</i> , 2016, 15, 2585-2592.	1.3	54
413	The immunomodulatory activity of secondary metabolites isolated from <i>Streptomyces calvus</i> on human peripheral blood mononuclear cells. <i>British Journal of Biomedical Science</i> , 2016, 73, 97-103.	1.2	5
414	Differential role of microRNAs in the pathogenesis and treatment of Esophageal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016, 82, 509-519.	2.5	65

#	ARTICLE	IF	CITATIONS
415	Gene therapy with IL-12 induced enhanced anti-tumor activity in fibrosarcoma mouse model. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1988-1993.	1.9	14
416	Mechanisms of immune system activation in mammals by small interfering RNA (siRNA). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1589-1596.	1.9	32
417	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, 171-177.	0.6	22
418	Enhancing radiosensitivity of TE1, TE8, and TE 11 esophageal squamous carcinoma cell lines by Hdm2-siRNA targeted gene therapy in vitro. <i>BiolImpacts</i> , 2016, 6, 93-98.	0.7	11
419	Antioxidant Expression Response to Free Radicals in Active Men and Women Following to a Session Incremental Exercise; Numerical Relationship Between Antioxidants and Free Radicals. <i>Asian Journal of Sports Medicine</i> , 2016, 7, e29901.	0.1	8
420	Frequency of null allele of Human Leukocyte Antigen-G (HLA-G) locus in subjects to recurrent miscarriage. <i>International Journal of Reproductive BioMedicine</i> , 2016, 14, 459-64.	0.5	5
421	Gene therapy based on interleukin-12 loaded chitosan nanoparticles in a mouse model of fibrosarcoma. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 1238-1244.	1.0	10
422	Effects of polyethylene glycols on intestinal efflux pump expression and activity in Caco-2 cells. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015, 51, 745-753.	1.2	17
423	Toll-Like Receptors in the Pathogenesis of Autoimmune Diseases. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 605-614.	0.6	94
424	Analysis of human B cell response to recombinant Leishmania LPG3. <i>Asian Pacific Journal of Tropical Medicine</i> , 2015, 8, 624-629.	0.4	2
425	The role of Th17 cells in patients with relapsing-remitting multiple sclerosis: Interleukin-17A and interleukin-17F serum levels. <i>Immunology Letters</i> , 2015, 164, 76-80.	1.1	70
426	Development and characterization of monoclonal antibodies against human IgA in Balb/c mice. <i>Human Antibodies</i> , 2015, 23, 7-12.	0.6	2
427	Targeted therapy of solid tumors by monoclonal antibody specific to epidermal growth factor receptor. <i>Human Antibodies</i> , 2015, 23, 13-20.	0.6	7
428	Reversal of chemoresistance with small interference RNA (siRNA) in etoposide resistant acute myeloid leukemia cells (HL-60). <i>Biomedicine and Pharmacotherapy</i> , 2015, 75, 100-104.	2.5	27
429	Cloning and Stable Expression of cDNA Coding For Platelet Endothelial Cell Adhesion Molecule -1 (PECAM-1, CD31) in NIH-3T3 Cell Line. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 247-253.	0.6	7
430	Apoptosis Cell Death Effect of Scrophularia Variegata on Breast Cancer Cells via Mitochondrial Intrinsic Pathway. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 443-446.	0.6	8
431	Clofarabine Has Apoptotic Effect on T47D Breast Cancer Cell Line via P53R2 Gene Expression. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 471-476.	0.6	4
432	Generation of New M2e-HA2 Fusion Chimeric Peptide to Development of a Recombinant Fusion Protein Vaccine. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 673-681.	0.6	7

#	ARTICLE	IF	CITATIONS
433	The Association between Human Leukocyte Antigen Class II DR3â€“DQ2 Haplotype and Type 1 Diabetes in Children of the East Azerbaijan State of Iran. <i>Iranian Red Crescent Medical Journal</i> , 2015, 17, e28380.	0.5	5
434	Large scale generation and characterization of anti-human IgA monoclonal antibody in ascitic fluid of BALB/c mice. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 97-102.	0.6	8
435	Cloning and Expression of CD19, a Human B-Cell Marker in NIH-3T3 Cell Line. <i>Avicenna Journal of Medical Biotechnology</i> , 2015, 7, 39-44.	0.2	4
436	Fatty Acid Composition of Tissue Cultured Breast Carcinoma and the Effect of Stearoyl-CoA Desaturase 1 Inhibition. <i>Journal of Breast Cancer</i> , 2014, 17, 136.	0.8	46
437	Inhibition of mitochondrial permeability transition pore restores the cardioprotection by postconditioning in diabetic hearts. <i>Journal of Diabetes and Metabolic Disorders</i> , 2014, 13, 106.	0.8	27
438	Occurrence of Methicillin Resistant and Enterotoxigenic <i>Staphylococcus aureus</i> in Traditional Cheeses in the North West of Iran. , 2014, 2014, 1-5.		17
439	Production of Anti-CD14 monoclonal antibody using synthetic peptide of human CD14 as immunizing antigen. <i>Human Antibodies</i> , 2014, 22, 67-71.	0.6	3
440	In vitro cytotoxic and apoptotic activity of four Persian medicine plants on human leukemia and lymphoma cells. <i>Asian Pacific Journal of Tropical Disease</i> , 2014, 4, S415-S420.	0.5	7
441	Immunomodulatory nature and site specific affinity of mesenchymal stem cells: a hope in cell therapy. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 5-13.	0.6	50
442	The anti-inflammatory effect of erythropoietin and melatonin on renal ischemia reperfusion injury in male rats. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 49-54.	0.6	32
443	Reduced ABCB1 Expression and Activity in the Presence of Acrylic Copolymers. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 219-24.	0.6	36
444	Therapeutic Effects of Myeloid Cell Leukemia-1 siRNA on Human Acute Myeloid Leukemia Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 243-8.	0.6	17
445	RNA interference and its role in cancer therapy. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 313-21.	0.6	146
446	Herbal medicine as inducers of apoptosis in cancer treatment. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 421-7.	0.6	251
447	Growth-Inhibitory and Apoptosis-Inducing Effects of <i>Punica granatum</i> L. var. <i>spinosa</i> (Apple Punice) on Fibrosarcoma Cell Lines. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 583-90.	0.6	20
448	Induction of Apoptosis and Cytotoxic Activities of Iranian Orthodox Black Tea Extract (BTE) Using in vitro Models. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 255-60.	0.6	7
449	Inhibition of human esophageal squamous cell carcinomas by targeted silencing of tumor enhancer genes: an overview. <i>Cancer Biology and Medicine</i> , 2014, 11, 78-85.	1.4	10
450	Methanolic Fractions of <i>Ornithogalum cuspidatum</i> Induce Apoptosis in PC-3 Prostate Cancer Cell Line and WEHI-164 Fibrosarcoma Cancer Cell Line. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 455-8.	0.6	8

#	ARTICLE	IF	CITATIONS
451	Cytotoxic Effect of Immunotoxin Containing The Truncated Form of Pseudomonas Exotoxin A and Anti-VEGFR2 on HUVEC and MCF-7 Cell Lines. <i>Cell Journal</i> , 2014, 16, 203-10.	0.2	5
452	Generation and Characterization of Anti-CD34 Monoclonal Antibodies that React with Hematopoietic Stem Cells. <i>Cell Journal</i> , 2014, 16, 361-6.	0.2	10
453	Effects of some natural immunomodulatory compounds in combination with thalidomide on survival rate and tumor size in fibrosarcoma-bearing mice. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 465-70.	0.6	0
454	New insights into HLA class I association to Behçet's syndrome in Iranian Azari patients. <i>Autoimmunity Highlights</i> , 2013, 4, 101-102.	3.9	6
455	DNA Methylation Pattern as Important Epigenetic Criterion in Cancer. <i>Genetics Research International</i> , 2013, 2013, 1-9.	2.0	74
456	Cytotoxic and apoptotic activity of <i>Scrophularia oxypepala</i> in MCF-7 human breast cancer cells. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 1208-1220.	0.6	21
457	siRNA-mediated Silencing of Survivin Inhibits Proliferation and Enhances Etoposide Chemosensitivity in Acute Myeloid Leukemia Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 7719-7724.	0.5	43
458	Inflammatory reflex disruption in COVID-19. <i>Clinical and Experimental Neuroimmunology</i> , 2020, 10, 1-10.	0.5	5