

# 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

28272

55  
h-index

42393

92  
g-index

480  
all docs

480  
docs citations

480  
times ranked

18507  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Different Mechanisms of Cancer Drug Resistance: A Brief Review. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 339-348.	1.4	1,143
2	PAMAM dendrimers as efficient drug and gene delivery nanosystems for cancer therapy. <i>Applied Materials Today</i> , 2018, 12, 177-190.	4.3	299
3	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.	9.5	280
4	Herbal medicine as inducers of apoptosis in cancer treatment. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 421-7.	1.4	251
5	Treating cancer with microRNA replacement therapy: A literature review. <i>Journal of Cellular Physiology</i> , 2018, 233, 5574-5588.	4.1	250
6	Nanomaterial-based biosensors for detection of pathogenic virus. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 445-457.	11.4	230
7	Immune Cell Membrane-Coated Biomimetic Nanoparticles for Targeted Cancer Therapy. <i>Small</i> , 2021, 17, e2006484.	10.0	216
8	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.	27.0	157
9	Phage display as a promising approach for vaccine development. <i>Journal of Biomedical Science</i> , 2016, 23, 66.	7.0	152
10	The paradox of Th17 cell functions in tumor immunity. <i>Cellular Immunology</i> , 2017, 322, 15-25.	3.0	148
11	RNA interference and its role in cancer therapy. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 313-21.	1.4	146
12	Liposome and immune system interplay: Challenges and potentials. <i>Journal of Controlled Release</i> , 2019, 305, 194-209.	9.9	142
13	Myeloid-derived suppressor cells: Important contributors to tumor progression and metastasis. <i>Journal of Cellular Physiology</i> , 2018, 233, 3024-3036.	4.1	141
14	The role of microRNAs in colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 705-713.	5.6	134
15	Recent advances on thermosensitive and pH-sensitive liposomes employed in controlled release. <i>Journal of Controlled Release</i> , 2019, 315, 1-22.	9.9	134
16	CTLA-4: From mechanism to autoimmune therapy. <i>International Immunopharmacology</i> , 2020, 80, 106221.	3.8	132
17	Photodynamic therapy for cancer: Role of natural products. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 26, 395-404.	2.6	128
18	MicroRNAs in cancer cell death pathways: Apoptosis and necroptosis. <i>Free Radical Biology and Medicine</i> , 2019, 139, 1-15.	2.9	128

#	ARTICLE	IF	CITATIONS
19	Cancer chemoresistance; biochemical and molecular aspects: a brief overview. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 89, 20-30.	4.0	123
20	Comparison of DNA and mRNA vaccines against cancer. <i>Drug Discovery Today</i> , 2020, 25, 552-560.	6.4	105
21	miR-423p as tumor suppressor miRNA in the regulation of tumorigenicity, invasion and migration of human breast cancer by targeting Bach1 expression. <i>Journal of Cellular Physiology</i> , 2019, 234, 9816-9825.	4.1	100
22	Current Approaches for Combination Therapy of Cancer: The Role of Immunogenic Cell Death. <i>Cancers</i> , 2020, 12, 1047.	3.7	95
23	Up-down regulation of HIF-1 $\alpha$ in cancer progression. <i>Gene</i> , 2021, 798, 145796.	2.2	95
24	Toll-Like Receptors in the Pathogenesis of Autoimmune Diseases. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 605-614.	1.4	94
25	MicroRNAs as novel biomarkers for colorectal cancer: New outlooks. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1319-1330.	5.6	93
26	Colon cancer therapy by focusing on colon cancer stem cells and their tumor microenvironment. <i>Journal of Cellular Physiology</i> , 2020, 235, 4153-4166.	4.1	92
27	HMGA2 as a Critical Regulator in Cancer Development. <i>Genes</i> , 2021, 12, 269.	2.4	91
28	Recent advances on aptamer-based biosensors to detection of platelet-derived growth factor. <i>Biosensors and Bioelectronics</i> , 2018, 113, 58-71.	10.1	90
29	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.	5.0	90
30	BACH1, the master regulator gene: A novel candidate target for cancer therapy. <i>Gene</i> , 2016, 588, 30-37.	2.2	89
31	Chitosan nanoparticles as a dual drug/siRNA delivery system for treatment of colorectal cancer. <i>Immunology Letters</i> , 2017, 181, 79-86.	2.5	87
32	PD-1/PD-L1-dependent immune response in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 5461-5475.	4.1	86
33	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.	4.3	86
34	Immune checkpoint blockade opens a new way to cancer immunotherapy. <i>Journal of Cellular Physiology</i> , 2019, 234, 8541-8549.	4.1	84
35	Potential roles and prognostic significance of exosomes in cancer drug resistance. <i>Cell and Bioscience</i> , 2021, 11, 1.	4.8	82
36	Dengue virus: a review on advances in detection and trends " from conventional methods to novel biosensors. <i>Mikrochimica Acta</i> , 2019, 186, 329.	5.0	81

#	ARTICLE	IF	CITATIONS
37	microRNAs in cancer stem cells: Biology, pathways, and therapeutic opportunities. <i>Journal of Cellular Physiology</i> , 2019, 234, 10002-10017.	4.1	78
38	Surface functionalized dendrimers as controlled-release delivery nanosystems for tumor targeting. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 122, 311-330.	4.0	77
39	DNA Methylation Pattern as Important Epigenetic Criterion in Cancer. <i>Genetics Research International</i> , 2013, 2013, 1-9.	2.0	74
40	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.	5.6	72
41	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.	4.1	72
42	Neutrophils, Crucial, or Harmful Immune Cells Involved in Coronavirus Infection: A Bioinformatics Study. <i>Frontiers in Genetics</i> , 2020, 11, 641.	2.3	71
43	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.	2.5	70
44	Targeting STAT3 in cancer and autoimmune diseases. <i>European Journal of Pharmacology</i> , 2020, 878, 173107.	3.5	69
45	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.	5.5	69
46	Overview on experimental models of interactions between nanoparticles and the immune system. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1365-1378.	5.6	68
47	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.	2.9	67
48	Combination of Ipilimumab and Nivolumab in Cancers: From Clinical Practice to Ongoing Clinical Trials. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4427.	4.1	67
49	Interactions between cancer stem cells, immune system and some environmental components: Friends or foes?. <i>Immunology Letters</i> , 2019, 208, 19-29.	2.5	66
50	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.	2.1	66
51	Differential role of microRNAs in the pathogenesis and treatment of Esophageal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016, 82, 509-519.	5.6	65
52	miR-193: A new weapon against cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 16861-16872.	4.1	65
53	Overcoming trastuzumab resistance in HER2-positive breast cancer using combination therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 3142-3156.	4.1	65
54	Mast cells: A double-edged sword in cancer. <i>Immunology Letters</i> , 2019, 209, 28-35.	2.5	64

#	ARTICLE	IF	CITATIONS
55	Comparison of confirmed COVID-19 with SARS and MERS cases – Clinical characteristics, laboratory findings, radiographic signs and outcomes: A systematic review and meta-analysis. <i>Reviews in Medical Virology</i> , 2020, 30, e2112.	8.3	63
56	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.	4.3	62
57	Regulatory mechanisms of miR-145 expression and the importance of its function in cancer metastasis. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 195-207.	5.6	62
58	Circulating myeloid-derived suppressor cells: An independent prognostic factor in patients with breast cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 3515-3525.	4.1	62
59	Topical application of <i>Mentha piperita</i> essential oil accelerates wound healing in infected mice model. <i>Inflammopharmacology</i> , 2019, 27, 531-537.	3.9	61
60	Targeting ROCK signaling in health, malignant and non-malignant diseases. <i>Immunology Letters</i> , 2020, 219, 15-26.	2.5	61
61	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.	2.4	60
62	Serum overexpression of miR-301a and miR-23a in patients with colorectal cancer. <i>Journal of the Chinese Medical Association</i> , 2019, 82, 215-220.	1.4	60
63	Janus kinase inhibitors: A therapeutic strategy for cancer and autoimmune diseases. <i>Journal of Cellular Physiology</i> , 2020, 235, 5903-5924.	4.1	60
64	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.	2.5	59
65	Applications of Spherical Nucleic Acid Nanoparticles as Delivery Systems. <i>Trends in Molecular Medicine</i> , 2019, 25, 1066-1079.	6.7	58
66	New emerging roles of CD133 in cancer stem cell: Signaling pathway and miRNA regulation. <i>Journal of Cellular Physiology</i> , 2019, 234, 21642-21661.	4.1	58
67	Immune Checkpoints and CAR-T Cells: The Pioneers in Future Cancer Therapies?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8305.	4.1	58
68	Cytotoxic T-Lymphocyte Antigen-4 in Colorectal Cancer: Another Therapeutic Side of Capecitabine. <i>Cancers</i> , 2021, 13, 2414.	3.7	58
69	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.	4.1	57
70	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.	7.5	56
71	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.	4.3	55
72	Recent developments of RNA-based vaccines in cancer immunotherapy. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 201-218.	3.1	55

#	ARTICLE	IF	CITATIONS
73	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.	9.1	55
74	Pancreatic Cancer Signaling Pathways, Genetic Alterations, and Tumor Microenvironment: The Barriers Affecting the Method of Treatment. <i>Biomedicines</i> , 2021, 9, 373.	3.2	55
75	HMGI-C suppressing induces P53/caspase9 axis to regulate apoptosis in breast adenocarcinoma cells. <i>Cell Cycle</i> , 2016, 15, 2585-2592.	2.6	54
76	MicroRNAs in cancer drug resistance: Basic evidence and clinical applications. <i>Journal of Cellular Physiology</i> , 2019, 234, 2152-2168.	4.1	54
77	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.	2.6	54
78	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.	5.5	54
79	The potential role of miR-29 in health and cancer diagnosis, prognosis, and therapy. <i>Journal of Cellular Physiology</i> , 2019, 234, 19280-19297.	4.1	53
80	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.	5.6	52
81	MicroRNAs in the Diagnosis and Treatment of Cancer. <i>Immunological Investigations</i> , 2017, 46, 880-897.	2.0	52
82	miR-330 suppresses EMT and induces apoptosis by downregulating HMGA2 in human colorectal cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 920-931.	4.1	51
83	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.	2.9	51
84	Immunomodulatory nature and site specific affinity of mesenchymal stem cells: a hope in cell therapy. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 5-13.	1.4	50
85	MiR-146a functions as a small silent player in gastric cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 238-245.	5.6	49
86	Key microRNAs in the biology of breast cancer; emerging evidence in the last decade. <i>Journal of Cellular Physiology</i> , 2019, 234, 8316-8326.	4.1	49
87	Promising approaches in cancer immunotherapy. <i>Immunobiology</i> , 2020, 225, 151875.	1.9	49
88	The role of CD44 in cancer chemoresistance: A concise review. <i>European Journal of Pharmacology</i> , 2021, 903, 174147.	3.5	49
89	The role of CIP2A in cancer: A review and update. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 626-633.	5.6	48
90	Dysregulation of key microRNAs in pancreatic cancer development. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1008-1015.	5.6	48

#	ARTICLE	IF	CITATIONS
91	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.	6.5	48
92	Silencing of HIF-1 $\alpha$ /CD73 axis by siRNA-loaded TAT-chitosan-spion nanoparticles robustly blocks cancer cell progression. <i>European Journal of Pharmacology</i> , 2020, 882, 173235.	3.5	48
93	MicroRNA-mediated autophagy regulation in cancer therapy: The role in chemoresistance/chemosensitivity. <i>European Journal of Pharmacology</i> , 2021, 892, 173660.	3.5	48
94	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.	2.8	47
95	Overcoming the Challenges of siRNA Delivery: Nanoparticle Strategies. <i>Current Drug Delivery</i> , 2017, 14, 36-46.	1.6	47
96	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.	1.9	46
97	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.	1.3	46
98	Role of miR-21 as an authentic oncogene in mediating drug resistance in breast cancer. <i>Gene</i> , 2020, 738, 144453.	2.2	46
99	Immune Checkpoint Inhibitors in Colorectal Cancer: Challenges and Future Prospects. <i>Biomedicines</i> , 2021, 9, 1075.	3.2	46
100	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.	9.9	45
101	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.	11.4	45
102	miR-193a-5p inhibits migration of human HT-29 colon cancer cells via suppression of metastasis pathway. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 8775-8783.	2.6	43
103	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.	1.2	43
104	MicroRNA implications in the etiopathogenesis of ankylosing spondylitis. <i>Journal of Cellular Physiology</i> , 2018, 233, 5564-5573.	4.1	42
105	Tumor-Associated Macrophages: Protumoral Macrophages in Inflammatory Tumor Microenvironment. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 556-565.	1.4	42
106	Balaglitazone reverses P-glycoprotein-mediated multidrug resistance via upregulation of PTEN in a PPAR $\gamma$ -dependent manner in leukemia cells. <i>Tumor Biology</i> , 2017, 39, 101042831771650.	1.8	41
107	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.	1.3	41
108	miR-142-3p is a tumor suppressor that inhibits estrogen receptor expression in ER $\alpha$ -positive breast cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 16043-16053.	4.1	41

#	ARTICLE	IF	CITATIONS
109	The role of DEAD-box RNA helicase p68 (DDX5) in the development and treatment of breast cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 5478-5487.	4.1	41
110	Biosensing of microcystins in water samples; recent advances. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112403.	10.1	40
111	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.	7.5	39
112	Interplay between SOX9 transcription factor and microRNAs in cancer. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 681-694.	7.5	39
113	Regulation of miRNAs by herbal medicine: An emerging field in cancer therapies. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 262-270.	5.6	38
114	COVID-19 Infection in Cancer Patients: How Can Oncologists Deal With These Patients?. <i>Frontiers in Oncology</i> , 2020, 10, 734.	2.8	38
115	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.	5.6	38
116	The role of innate lymphoid cells in health and disease. <i>Journal of Cellular Physiology</i> , 2018, 233, 4512-4529.	4.1	37
117	Alpha7 nicotinic acetylcholine receptors in lung inflammation and carcinogenesis: Friends or foes?. <i>Journal of Cellular Physiology</i> , 2019, 234, 14666-14679.	4.1	37
118	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.	4.1	36
119	MicroRNA-93a and taxol combination: A new strategy for treatment of colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 1388-1399.	2.6	36
120	Reduced ABCB1 Expression and Activity in the Presence of Acrylic Copolymers. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 219-24.	1.4	36
121	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.	4.1	36
122	Role of Nrf2 and mitochondria in cancer stem cells; in carcinogenesis, tumor progression, and chemoresistance. <i>Biochimie</i> , 2020, 179, 32-45.	2.6	35
123	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.	7.5	35
124	MiR-144: A New Possible Therapeutic Target and Diagnostic/Prognostic Tool in Cancers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2578.	4.1	35
125	The oncogenic potential of NANOG: An important cancer induction mediator. <i>Journal of Cellular Physiology</i> , 2021, 236, 2443-2458.	4.1	35
126	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.	2.4	35



#	ARTICLE	IF	CITATIONS
127	Anti-tumor Effect of Quercetin Loaded Chitosan Nanoparticles on Induced Colon Cancer in Wistar Rats. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 409-415.	1.4	35
128	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.	3.2	34
129	Diagnosis of hepatitis via nanomaterial-based electrochemical, optical or piezoelectrical biosensors: a review on recent advancements. <i>Mikrochimica Acta</i> , 2018, 185, 568.	5.0	34
130	Vascular mimicry: changing the therapeutic paradigms in cancer. <i>Molecular Biology Reports</i> , 2020, 47, 4749-4765.	2.3	34
131	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.	7.5	34
132	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.	2.4	34
133	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.	5.6	33
134	HMGA2 and Bach1 cooperate to promote breast cancer cell malignancy. <i>Journal of Cellular Physiology</i> , 2019, 234, 17714-17726.	4.1	33
135	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.	4.3	33
136	CAR-engineered NK cells; a promising therapeutic option for treatment of hematological malignancies. <i>Stem Cell Research and Therapy</i> , 2021, 12, 374.	5.5	33
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.	7.5	33
138	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.	7.5	33
139	Mechanisms of immune system activation in mammals by small interfering RNA (siRNA). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1589-1596.	2.8	32
140	A comprehensive review on miR-451: A promising cancer biomarker with therapeutic potential. <i>Journal of Cellular Physiology</i> , 2019, 234, 21716-21731.	4.1	32
141	Regulatory mechanisms of microRNAs in colorectal cancer and colorectal cancer stem cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 776-789.	4.1	32
142	An update review of deregulated tumor suppressive microRNAs and their contribution in various molecular subtypes of breast cancer. <i>Gene</i> , 2020, 729, 144301.	2.2	32
143	Thrombolytic Agents: Nanocarriers in Controlled Release. <i>Small</i> , 2020, 16, e2001647.	10.0	32
144	Immune checkpoints in tumor microenvironment and their relevance to the development of cancer stem cells. <i>Life Sciences</i> , 2020, 256, 118005.	4.3	32

#	ARTICLE	IF	CITATIONS
145	Enhanced anticancer potency of hydroxytyrosol and curcumin by PLGA-PAA nanoencapsulation on PANC-1 pancreatic cancer cell line. <i>Environmental Toxicology</i> , 2021, 36, 1043-1051.	4.0	32
146	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.	4.8	32
147	MiR-142-3p targets HMGA2 and suppresses breast cancer malignancy. <i>Life Sciences</i> , 2021, 276, 119431.	4.3	32
148	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.	1.4	32
149	Epigenetic modifications and epigenetic based medication implementations of autoimmune diseases. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 596-608.	5.6	31
150	Troloxerutin Preconditioning and Ischemic Postconditioning Modulate Inflammatory Response after Myocardial Ischemia/Reperfusion Injury in Rat Model. <i>Inflammation</i> , 2017, 40, 136-143.	3.8	31
151	Small interfering RNA-mediated gene suppression as a therapeutic intervention in hepatocellular carcinoma. <i>Journal of Cellular Physiology</i> , 2019, 234, 3263-3276.	4.1	31
152	CD133: An emerging prognostic factor and therapeutic target in colorectal cancer. <i>Cell Biology International</i> , 2020, 44, 368-380.	3.0	31
153	Antioxidants with two faces toward cancer. <i>Life Sciences</i> , 2020, 258, 118186.	4.3	31
154	Silencing of p68 and STAT3 synergistically diminishes cancer progression. <i>Life Sciences</i> , 2020, 249, 117499.	4.3	31
155	From Oncogenic Signaling Pathways to Single-Cell Sequencing of Immune Cells: Changing the Landscape of Cancer Immunotherapy. <i>Molecules</i> , 2021, 26, 2278.	3.8	31
156	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.	2.6	30
157	The Latest Findings of PD-1/PD-L1 Inhibitor Application in Gynecologic Cancers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5034.	4.1	30
158	Overexpression of HMGA2 in breast cancer promotes cell proliferation, migration, invasion and stemness. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 255-265.	3.4	30
159	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.	4.1	30
160	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.	5.6	30
161	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.	2.4	30
162	Dimethyl fumarate: Regulatory effects on the immune system in the treatment of multiple sclerosis. <i>Journal of Cellular Physiology</i> , 2019, 234, 9943-9955.	4.1	29

#	ARTICLE	IF	CITATIONS
163	Function of microRNA-143 in different signal pathways in cancer: New insights into cancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 121-131.	5.6	28
164	<i>Urtica dioica</i> extract suppresses miR-21 and metastasis-related genes in breast cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 95-102.	5.6	28
165	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.	1.9	27
166	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.	5.6	27
167	Overcoming multiple drug resistance in lung cancer using siRNA targeted therapy. <i>Gene</i> , 2019, 714, 143972.	2.2	27
168	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.	4.3	27
169	Critical microRNAs in Lung Cancer: Recent Advances and Potential Applications. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1991-2005.	1.7	26
170	PD-1/PD-L1 axis importance and tumor microenvironment immune cells. <i>Life Sciences</i> , 2020, 259, 118297.	4.3	26
171	The regulatory role of autophagy-related miRNAs in lung cancer drug resistance. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112735.	5.6	26
172	MLN4924 therapy as a novel approach in cancer treatment modalities. <i>Journal of Chemotherapy</i> , 2016, 28, 74-82.	1.5	25
173	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.	2.8	25
174	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.	3.3	25
175	Prospects for the involvement of cancer stem cells in the pathogenesis of osteosarcoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 4167-4182.	4.1	25
176	Lysine-embedded cellulose-based nanosystem for efficient dual-delivery of chemotherapeutics in combination cancer therapy. <i>Carbohydrate Polymers</i> , 2020, 250, 116861.	10.2	25
177	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.	1.2	24
178	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.	5.6	24
179	Downregulation of miR-146a promotes cell migration in <i>Helicobacter pylori</i> "negative gastric cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 9495-9505.	2.6	24
180	The dual role of alpha7 nicotinic acetylcholine receptor in inflammation-associated gastrointestinal cancers. <i>Heliyon</i> , 2020, 6, e03611.	3.2	24

#	ARTICLE	IF	CITATIONS
181	miR-34a and miR-200c Have an Additive Tumor-Suppressive Effect on Breast Cancer Cells and Patient Prognosis. <i>Genes</i> , 2021, 12, 267.	2.4	24
182	Nanog, as a key cancer stem cell marker in tumor progression. <i>Gene</i> , 2022, 827, 146448.	2.2	24
183	Therapeutic effects of bach1 siRNA on human breast adenocarcinoma cell line. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 34-42.	5.6	23
184	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.	5.6	23
185	Recent advances on HIV DNA vaccines development: Stepwise improvements to clinical trials. <i>Journal of Controlled Release</i> , 2019, 316, 116-137.	9.9	23
186	Role of miR-142 in the pathogenesis of osteosarcoma and its potential as therapeutic approach. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 4783-4793.	2.6	23
187	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.	3.5	23
188	Immune checkpoints in targeted-immunotherapy of pancreatic cancer: New hope for clinical development. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1083-1097.	12.0	23
189	CD20-based Immunotherapy of B-cell Derived Hematologic Malignancies. <i>Current Cancer Drug Targets</i> , 2017, 17, 423-444.	1.6	23
190	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.	1.8	22
191	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.	4.1	22
192	MicroRNAs and breast cancer stem cells: Potential role in breast cancer therapy. <i>Journal of Cellular Physiology</i> , 2019, 234, 3294-3306.	4.1	22
193	The role of B cells in the immunopathogenesis of multiple sclerosis. <i>Immunology</i> , 2020, 160, 325-335.	4.4	22
194	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.	2.3	22
195	From Melanoma Development to RNA-Modified Dendritic Cell Vaccines: Highlighting the Lessons From the Past. <i>Frontiers in Immunology</i> , 2021, 12, 623639.	4.8	22
196	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.	1.4	22
197	Cytotoxic and apoptotic activity of <i>Scrophularia oxysepala</i> in MCF-7 human breast cancer cells. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 1208-1220.	1.2	21
198	The Herbal Medicine <i>Utrica 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.	1.3	21

#	ARTICLE	IF	CITATIONS
199	Cholinergic Anti-Inflammatory Pathway and the Liver. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 507-513.	1.4	21
200	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.	3.8	21
201	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.	3.5	21
202	The combination effect of Prominin1 (CD133) suppression and Oxaliplatin treatment in colorectal cancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111364.	5.6	21
203	Nanoparticles modified with vasculature-homing peptides for targeted cancer therapy and angiogenesis imaging. <i>Journal of Controlled Release</i> , 2021, 338, 367-393.	9.9	21
204	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.	5.6	21
205	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.	2.8	20
206	Double sword role of EZH2 in leukemia. <i>Biomedicine and Pharmacotherapy</i> , 2018, 98, 626-635.	5.6	20
207	Evaluating the role of microRNAs alterations in oral squamous cell carcinoma. <i>Gene</i> , 2020, 757, 144936.	2.2	20
208	Ruxolitinib attenuates experimental autoimmune encephalomyelitis (EAE) development as animal models of multiple sclerosis (MS). <i>Life Sciences</i> , 2021, 276, 119395.	4.3	20
209	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.	1.4	20
210	Role of the HTLV-1 viral factors in the induction of apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2017, 85, 334-347.	5.6	19
211	Overexpression and Clinicopathological Correlation of Long Noncoding RNA TMPO-AS1 in Colorectal Cancer Patients. <i>Journal of Gastrointestinal Cancer</i> , 2020, 51, 952-956.	1.3	19
212	Recent progress in the design of DNA vaccines against tuberculosis. <i>Drug Discovery Today</i> , 2020, 25, 1971-1987.	6.4	19
213	Diagnostic, prognostic, and therapeutic significance of miR-139-5p in cancers. <i>Life Sciences</i> , 2020, 256, 117865.	4.3	19
214	The role of HSP90 molecular chaperones in hepatocellular carcinoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 9110-9120.	4.1	19
215	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.	0.2	19
216	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.	5.6	19

#	ARTICLE	IF	CITATIONS
217	Tumor suppressor microRNAs in lung cancer: An insight to signaling pathways and drug resistance. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19274-19289.	2.6	18
218	MicroRNA-145 replacement effect on growth and migration inhibition in lung cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 460-467.	5.6	18
219	CD133 suppression increases the sensitivity of prostate cancer cells to paclitaxel. <i>Molecular Biology Reports</i> , 2020, 47, 3691-3703.	2.3	18
220	The role of miR-34 in cancer drug resistance. <i>Journal of Cellular Physiology</i> , 2020, 235, 6424-6440.	4.1	18
221	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.	5.0	18
222	miR-330 Regulates Colorectal Cancer Oncogenesis by Targeting BACH1. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 444-451.	1.4	18
223	Dysregulation of Survivin-Targeting microRNAs in Autoimmune Diseases: New Perspectives for Novel Therapies. <i>Frontiers in Immunology</i> , 2022, 13, 839945.	4.8	18
224	Dendritic cell-based cancer immunotherapy in the era of immune checkpoint inhibitors: From bench to bedside. <i>Life Sciences</i> , 2022, 297, 120466.	4.3	18
225	Occurrence of Methicillin Resistant and Enterotoxigenic <i>Staphylococcus aureus</i> in Traditional Cheeses in the North West of Iran. , 2014, 2014, 1-5.		17
226	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
227	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.	5.6	17
228	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.	1.3	17
229	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.	2.3	17
230	MicroRNAs and lncRNAs: A New Layer of Myeloid-Derived Suppressor Cells Regulation. <i>Frontiers in Immunology</i> , 2020, 11, 572323.	4.8	17
231	Regulation of CTLA-4 and PD-L1 Expression in Relapsing-Remitting Multiple Sclerosis Patients after Treatment with Fingolimod, IFN $\beta$ -1a, Glatiramer Acetate, and Dimethyl Fumarate Drugs. <i>Journal of Personalized Medicine</i> , 2021, 11, 721.	2.5	17
232	Therapeutic Effects of Myeloid Cell Leukemia-1 siRNA on Human Acute Myeloid Leukemia Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 243-8.	1.4	17
233	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.	0.8	16
234	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.	2.4	16

#	ARTICLE	IF	CITATIONS
235	Tumor suppressor p53 induces apoptosis of host lymphocytes experimentally infected by Leishmania major, by activation of Bax and caspase-3: a possible survival mechanism for the parasite. Parasitology Research, 2017, 116, 2159-2166.	1.6	16
236	Regulatory roles of micro-RNAs in T cell autoimmunity. Immunological Investigations, 2017, 46, 864-879.	2.0	16
237	TLR-2, IL-10 and IL-17-mediated immunity in experimental chemotherapy murine model of systemic candidiasis; cyclophosphamides' impact and roles. Microbial Pathogenesis, 2018, 119, 183-192.	2.9	16
238	Insights into the roles of miRNAs; miR-193 as one of small molecular silencer in osteosarcoma therapy. Biomedicine and Pharmacotherapy, 2019, 111, 873-881.	5.6	16
239	Yarrowia lipolytica L-asparaginase inhibits the growth and migration of lung (A549) and breast (MCF7) cancer cells. International Journal of Biological Macromolecules, 2021, 170, 406-414.	7.5	16
240	Electrochemiluminescent biosensor for ultrasensitive detection of lymphoma at the early stage using CD20 markers as B cell-specific antigens. Bioelectrochemistry, 2021, 138, 107730.	4.6	16
241	Nanoparticle-mediated synergistic chemoimmunotherapy for tailoring cancer therapy: recent advances and perspectives. Journal of Nanobiotechnology, 2021, 19, 110.	9.1	16
242	Let-7a Could Serve as A Biomarker for Chemo-Responsiveness to Docetaxel in Gastric Cancer. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 304-309.	1.7	16
243	Antiproliferative and Apoptotic Effects of Novel Anti-ROR1 Single-Chain Antibodies in Hematological Malignancies. SLAS Discovery, 2017, 22, 408-417.	2.7	15
244	Potential Molecular Targets in the Treatment of Lung Cancer Using siRNA Technology. Cancer Investigation, 2018, 36, 37-58.	1.3	15
245	MicroRNA-330 inhibits growth and migration of melanoma A375 cells: In vitro study. Journal of Cellular Biochemistry, 2020, 121, 458-467.	2.6	15
246	Role of microRNAs in epidermal growth factor receptor signaling pathway in cervical cancer. Molecular Biology Reports, 2020, 47, 4553-4568.	2.3	15
247	Restoration of miR-330 expression suppresses lung cancer cell viability, proliferation, and migration. Journal of Cellular Physiology, 2021, 236, 273-283.	4.1	15
248	Carbon based nanomaterials for the detection of narrow therapeutic index pharmaceuticals. Talanta, 2021, 221, 121610.	5.5	15
249	Silencing of HMGA2 by siRNA Loaded Methotrexate Functionalized Polyamidoamine Dendrimer for Human Breast Cancer Cell Therapy. Genes, 2021, 12, 1102.	2.4	15
250	Differential altered expression of let-7a and miR-205 tumor-suppressor miRNAs in different subtypes of breast cancer under treatment with Taxol. Advances in Clinical and Experimental Medicine, 2018, 27, 941-945.	1.4	15
251	Induction of Apoptosis by a Combination of 2-Deoxyglucose and Metformin in Esophageal Squamous Cell Carcinoma by Targeting Cancer Cell Metabolism. Iranian Journal of Medical Sciences, 2019, 44, 99-107.	0.4	15
252	Gene therapy with IL-12 induced enhanced anti-tumor activity in fibrosarcoma mouse model. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1988-1993.	2.8	14

#	ARTICLE	IF	CITATIONS
253	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.	3.8	14
254	Targeting the KRAS, p38 $\beta$ , and NF $\kappa$ 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.	2.6	14
255	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.	2.5	14
256	Regulatory role of microRNAs in cancer through Hippo signaling pathway. <i>Pathology Research and Practice</i> , 2020, 216, 153241.	2.3	14
257	Varied functions of immune checkpoints during cancer metastasis. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 569-588.	4.2	14
258	Long Non-Coding RNAs in Multidrug Resistance of Glioblastoma. <i>Genes</i> , 2021, 12, 455.	2.4	14
259	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.	4.1	14
260	An in vitro ethnopharmacological study on Prangos ferulacea: a wound healing agent. <i>BiolImpacts</i> , 2017, 7, 75-82.	1.5	14
261	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.	0.4	14
262	Gene Silencing Strategies in Cancer Therapy: An Update for Drug Resistance. <i>Current Medicinal Chemistry</i> , 2019, 26, 6282-6303.	2.4	14
263	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.	5.6	14
264	Molecular evidences on anti-inflammatory, anticancer, and memory-boosting effects of frankincense. <i>Phytotherapy Research</i> , 2022, 36, 1194-1215.	5.8	14
265	The effect of Yarrowia lipolytica 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.	7.5	13
266	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.	4.1	13
267	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.	4.8	13
268	An Updated Review of the Cross-talk Between MicroRNAs and Epigenetic Factors in Cancers. <i>Current Medicinal Chemistry</i> , 2021, 28, 8722-8732.	2.4	13
269	The Utilization of RNA Silencing Technology to Mitigate the Voriconazole Resistance of Aspergillus Flavus; Lipofectamine-Based Delivery. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 53-59.	1.4	13
270	On-Site Detection of Carcinoembryonic Antigen in Human Serum. <i>Biosensors</i> , 2021, 11, 392.	4.7	13



#	ARTICLE	IF	CITATIONS
271	Secretases-related miRNAs in Alzheimer's disease: new approach for biomarker discovery. <i>Neurological Sciences</i> , 2017, 38, 1921-1926.	1.9	12
272	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.	1.4	12
273	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.	4.3	12
274	Signaling pathways and microRNAs, the orchestrators of NANOG activity during cancer induction. <i>Life Sciences</i> , 2020, 260, 118337.	4.3	12
275	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.	1.6	12
276	Recent developments in targeting genes and pathways by RNAi-based approaches in colorectal cancer. <i>Medicinal Research Reviews</i> , 2021, 41, 395-434.	10.5	12
277	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.	2.2	12
278	The pivotal role of MicroRNAs in glucose metabolism in cancer. <i>Pathology Research and Practice</i> , 2021, 217, 153314.	2.3	12
279	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.	2.2	12
280	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.	3.5	12
281	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.	1.9	12
282	Immuno-biosensor for Detection of CD20-Positive Cells Using Surface Plasmon Resonance. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 189-194.	1.4	12
283	siRNA-Mediated Silencing of CIP2A Enhances Docetaxel Activity Against PC-3 Prostate Cancer Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 637-643.	1.4	12
284	Isolation and characterization of anti c-met single chain fragment variable (scFv) antibodies. <i>Journal of Immunotoxicology</i> , 2017, 14, 23-30.	1.7	11
285	Identification of miRNAs correlating with stage and progression of colorectal cancer. <i>Colorectal Cancer</i> , 2019, 8, CRC06.	0.8	11
286	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.	1.3	11
287	COVID-19 Infection: Concise Review Based on the Immunological Perspective. <i>Immunological Investigations</i> , 2020, , 1-20.	2.0	11
288	CD40 DNA hypermethylation in primary gastric tumors; as a novel diagnostic biomarker. <i>Life Sciences</i> , 2020, 254, 117774.	4.3	11

#	ARTICLE	IF	CITATIONS
289	A plethora of carbapenem resistance in <i>Acinetobacter baumannii</i> : no end to a long insidious genetic journey. <i>Journal of Chemotherapy</i> , 2021, 33, 137-155.	1.5	11
290	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.	4.1	11
291	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.	1.4	11
292	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.	1.5	11
293	Restoring of miR-193a-5p Sensitizes Breast Cancer Cells to Paclitaxel through P53 Pathway. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 595-601.	1.4	11
294	HMGA2 Supports Cancer Hallmarks in Triple-Negative Breast Cancer. <i>Cancers</i> , 2021, 13, 5197.	3.7	11
295	Evaluation of Various Biological Activities of the Aerial Parts of Growing in Iran. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 277-289.	0.5	11
296	Isolation and characterization of anti ROR1 single chain fragment variable antibodies using phage display technique. <i>Human Antibodies</i> , 2017, 25, 57-63.	1.5	10
297	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.	5.6	10
298	Toll-like receptor signaling and serum levels of interferon $\gamma$ 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.	2.9	10
299	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.	1.4	10
300	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.	2.6	10
301	Targeting TGF- $\beta$ -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.	3.8	10
302	Dual sensitivity enhancement in gold nanoparticle-based lateral flow immunoassay for visual detection of carcinoembryonic antigen. <i>Analytical Science Advances</i> , 2020, 1, 161-172.	2.8	10
303	miR-424: A novel potential therapeutic target and prognostic factor in malignancies. <i>Cell Biology International</i> , 2021, 45, 720-730.	3.0	10
304	Micronutrient therapy and effective immune response: a promising approach for management of COVID-19. <i>Infection</i> , 2021, 49, 1133-1147.	4.7	10
305	Nicotinic acetylcholine receptors in chemotherapeutic drugs resistance: An emerging targeting candidate. <i>Life Sciences</i> , 2021, 278, 119557.	4.3	10
306	Sodium metabisulfite as a cytotoxic food additive induces apoptosis in HFFF2 cells. <i>Food Chemistry</i> , 2021, 358, 129910.	8.2	10

#	ARTICLE	IF	CITATIONS
307	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.	1.4	10
308	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.	3.0	10
309	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
310	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
311	Immunotherapy of cancer in single-cell RNA sequencing era: A precision medicine perspective. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112558.	5.6	10
312	Tumor necrosis factor- $\alpha$ in systemic lupus erythematosus: Structure, function and therapeutic implications (Review). <i>International Journal of Molecular Medicine</i> , 2022, 49, .	4.0	10
313	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.	2.8	10
314	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.	1.3	9
315	Growth inhibitory effect of <i>Scrophularia oxypepala</i> extract on mouse mammary carcinoma 4T1 cells in vitro and in vivo systems. <i>Biomedicine and Pharmacotherapy</i> , 2017, 85, 718-724.	5.6	9
316	Molecular mechanisms of breast cancer chemoresistance by immune checkpoints. <i>Life Sciences</i> , 2020, 263, 118604.	4.3	9
317	Optimization of Tris/EDTA/Sucrose (TES) periplasmic extraction for the recovery of functional scFv antibodies. <i>AMB Express</i> , 2020, 10, 129.	3.0	9
318	BC032913 as a Novel Antisense Non-coding RNA is Downregulated in Gastric Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2021, 52, 928-931.	1.3	9
319	The Correlation Between <i>Helicobacter pylori</i> Infection and Lnc-OC1 Expression in Gastric Cancer Tissues in an Iranian Population. <i>Journal of Gastrointestinal Cancer</i> , 2021, 52, 600-605.	1.3	9
320	MicroRNA-143 Sensitizes Cervical Cancer Cells to Cisplatin: a Promising Anticancer Combination Therapy. <i>Reproductive Sciences</i> , 2021, 28, 2036-2049.	2.5	9
321	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.	0.3	9
322	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.	2.8	9
323	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.	2.8	9
324	Anti-CD24 bio Modified PEGylated Gold Nanoparticles as Targeted Computed Tomography Contrast Agent. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 599-607.	1.4	9

#	ARTICLE	IF	CITATIONS
325	The Study of HLA-G Gene and Protein Expression in Patients with Recurrent Miscarriage. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 70-75.	1.4	9
326	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.	0.4	9
327	Synergistic Effect of Novel EGFR Inhibitor AZD8931 and p38 $\beta$ siRNA in Lung Adenocarcinoma Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 638-644.	1.7	9
328	<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.	1.4	9
329	NETosis in ischemic/reperfusion injuries: An organ-based review. <i>Life Sciences</i> , 2022, 290, 120158.	4.3	9
330	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.	2.1	9
331	miR-200c increases the sensitivity of breast cancer cells to Doxorubicin through downregulating MDR1 gene. <i>Experimental and Molecular Pathology</i> , 2022, 125, 104753.	2.1	9
332	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.	5.6	9
333	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.	2.8	8
334	DJ1 and microRNA-214 act synergistically to rescue myoblast cells after ischemia/reperfusion injury. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7192-7203.	2.6	8
335	A new insight into thymosin $\beta$ 4, a promising therapeutic approach for neurodegenerative disorders. <i>Journal of Cellular Physiology</i> , 2020, 235, 3270-3279.	4.1	8
336	Current perspectives on the dysregulated microRNAs in gastric cancer. <i>Molecular Biology Reports</i> , 2020, 47, 7253-7264.	2.3	8
337	Small interfering RNA targeting $\alpha$ 7 nicotinic acetylcholine receptor sensitizes hepatocellular carcinoma cells to sorafenib. <i>Life Sciences</i> , 2020, 244, 117332.	4.3	8
338	(Nano)tagged antibody conjugates in rapid tests. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5414-5438.	5.8	8
339	Crosstalk between miRNAs and signaling pathways involved in pancreatic cancer and pancreatic ductal adenocarcinoma. <i>European Journal of Pharmacology</i> , 2021, 901, 174006.	3.5	8
340	The regulatory role of pivotal microRNAs in the AKT signaling pathway in breast cancer. <i>Current Molecular Medicine</i> , 2021, 21, .	1.3	8
341	Advanced mechanotherapy: Biotensegrity for governing metastatic tumor cell fate via modulating the extracellular matrix. <i>Journal of Controlled Release</i> , 2021, 335, 596-618.	9.9	8
342	The Role of Hemoglobin Subunit Delta in the Immunopathy of Multiple Sclerosis: Mitochondria Matters. <i>Frontiers in Immunology</i> , 2021, 12, 709173.	4.8	8

#	ARTICLE	IF	CITATIONS
343	Podocyte-derived microparticles in IgA nephropathy. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111891.	5.6	8
344	NANOG gene suppression and replacement of let-7 modulate the stemness, invasion, and apoptosis in breast cancer. <i>Gene</i> , 2021, 801, 145844.	2.2	8
345	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.	2.3	8
346	Apoptosis Cell Death Effect of Scrophularia Variegata on Breast Cancer Cells via Mitochondrial Intrinsic Pathway. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 443-446.	1.4	8
347	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.	0.3	8
348	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.	2.5	8
349	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.	1.4	8
350	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.	1.4	8
351	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.	0.3	8
352	Immunotherapy for Hepatocellular Carcinoma: New Prospects for the Cancer Therapy. <i>Life</i> , 2021, 11, 1355.	2.4	8
353	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
354	Targeted therapy of solid tumors by monoclonal antibody specific to epidermal growth factor receptor. <i>Human Antibodies</i> , 2015, 23, 13-20.	1.5	7
355	The effects of <i>Berberis vulgaris</i> consumption on plasma levels of IGF-1, IGFBPs, PPAR- $\beta$ and the expression of angiogenic genes in women with benign breast disease: a randomized controlled clinical trial. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 324.	3.7	7
356	Aspirin in retrieving the inactivated catalase to active form: Displacement of one inhibitor with a protective agent. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 306-311.	7.5	7
357	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.	2.6	7
358	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.	1.3	7
359	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.	0.6	7
360	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.	2.8	7

#	ARTICLE	IF	CITATIONS
361	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.	1.4	7
362	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.	1.4	7
363	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.	1.4	7
364	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.	2.8	7
365	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.	3.8	7
366	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
367	The role of tumor suppressor short non-coding RNAs on breast cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 158, 103210.	4.4	6
368	Cholinergic anti-inflammatory pathway and connective tissue diseases. <i>Inflammopharmacology</i> , 2021, 29, 975-986.	3.9	6
369	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.	1.2	6
370	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.	5.2	6
371	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.	5.6	6
372	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.	0.9	6
373	The effects of chemotherapeutic drugs on PD-L1 gene expression in breast cancer cell lines. <i>Medical Oncology</i> , 2021, 38, 147.	2.5	6
374	MicroRNA-143 inhibits proliferation and migration of prostate cancer cells. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 1323-1329.	2.1	6
375	Overexpression of lncRNA DLEU1 in Gastric Cancer Tissues Compared to Adjacent Non-Tumor Tissues. <i>Journal of Gastrointestinal Cancer</i> , 2022, 53, 990-994.	1.3	6
376	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.	0.5	6
377	Molecular pathways in the development of HPV-induced cervical cancer. <i>EXCLI Journal</i> , 2021, 20, 320-337.	0.7	6
378	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.	3.8	6

#	ARTICLE	IF	CITATIONS
379	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.	2.3	6
380	siRNA-mediated silencing of Nanog reduces stemness properties and increases the sensitivity of HepG2 cells to cisplatin. <i>Gene</i> , 2022, 821, 146333.	2.2	6
381	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.	1.3	5
382	Nano-liposome-based target toxicity machine: an alternative/complementary approach in atopic diseases. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1292-1297.	2.8	5
383	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.	3.0	5
384	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.	7.5	5
385	Atezolizumab and granzyme B as immunotoxin against PD-L1 antigen; an insilico study. <i>In Silico Pharmacology</i> , 2021, 9, 20.	3.3	5
386	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.	3.4	5
387	ZNF677 downregulation by promoter hypermethylation as a driver event through gastric tumorigenesis. <i>Experimental and Molecular Pathology</i> , 2021, 121, 104663.	2.1	5
388	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.	1.2	5
389	Breast Cancer Among Young Women in Iran. <i>International Journal of Women's Health and Reproduction Sciences</i> , 2019, 7, 140-140.	0.4	5
390	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.	1.4	5
391	The Association between Human Leukocyte Antigen Class II DR3-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
392	Antiproliferative activity of CD44 siRNA-PEI-PEG nanoparticles in glioblastoma: involvement of AKT signaling. <i>Research in Pharmaceutical Sciences</i> , 2022, 17, 78.	1.8	5
393	Cytotoxic Effect of Immunotoxin Containing The Truncated Form of <i>Pseudomonas</i> Exotoxin A and Anti-VEGFR2 on HUVEC and MCF-7 Cell Lines. <i>Cell Journal</i> , 2014, 16, 203-10.	0.2	5
394	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.	0.9	5
395	LncRNA DLGAP1-AS2 overexpression associates with gastric tumorigenesis: a promising diagnostic and therapeutic target. <i>Molecular Biology Reports</i> , 2022, 49, 6817-6826.	2.3	5
396	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.	4.8	5

#	ARTICLE	IF	CITATIONS
397	Inflammatory reflex disruption in COVID-19. <i>Clinical and Experimental Neuroimmunology</i> , 2020, 10, 1-6.	1.0	5
398	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.	1.5	4
399	Association of proinflammatory genes expression with serum interleukin 1 $\beta$ and free fatty acids in metabolically healthy and unhealthy abdominally obese individuals: a case-control study. <i>BMC Immunology</i> , 2019, 20, 23.	2.2	4
400	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.	4.3	4
401	Targeting immune checkpoints: Building better therapeutic puzzle in pancreatic cancer combination therapy. <i>European Journal of Cancer Care</i> , 2020, 29, e13268.	1.5	4
402	The potentials of immune checkpoints for the treatment of blood malignancies. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 153, 103031.	4.4	4
403	Prostate cancer cells modulate the differentiation of THP1 cells in response to etoposide and TLR agonists treatments. <i>Cell Biology International</i> , 2020, 44, 2031-2041.	3.0	4
404	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
405	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.	4.8	4
406	Clofarabine Has Apoptotic Effect on T47D Breast Cancer Cell Line via P53R2 Gene Expression. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 471-476.	1.4	4
407	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.	1.4	4
408	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.	3.3	4
409	<i>Toxoplasma gondii</i> activates NLRP12 inflammasome pathway in the BALB/c murine model. <i>Acta Tropica</i> , 2022, 225, 106202.	2.0	4
410	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.	0.3	4
411	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.	0.5	4
412	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.	0.5	4
413	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.	0.7	4
414	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.	1.9	4



#	ARTICLE	IF	CITATIONS
415	Recent advances in cancer immunotherapy: Modulation of tumor microenvironment by Toll-like receptor ligands. <i>BiolImpacts</i> , 2022, , .	1.5	4
416	Production of Anti-CD14 monoclonal antibody using synthetic peptide of human CD14 as immunizing antigen. <i>Human Antibodies</i> , 2014, 22, 67-71.	1.5	3
417	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.	0.8	3
418	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.	0.9	3
419	Dietary patterns and relative expression levels of <i>PPAR-<math>\beta</math></i> , <i>VEGF-A</i> and <i>HIF-1<math>\alpha</math></i> genes in benign breast diseases: case-control and consecutive case-series designs. <i>British Journal of Nutrition</i> , 2020, 124, 832-843.	2.3	3
420	Silencing ZEB2 Induces Apoptosis and Reduces Viability in Glioblastoma Cell Lines. <i>Molecules</i> , 2021, 26, 901.	3.8	3
421	GDF-15: Diagnostic, prognostic, and therapeutic significance in glioblastoma multiforme. <i>Journal of Cellular Physiology</i> , 2021, 236, 5564-5581.	4.1	3
422	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.	2.1	3
423	Construction and Development of a Cardiac Tissue-Specific and Hypoxia-Inducible Expression Vector. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 29-38.	1.4	3
424	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.	1.4	3
425	Chitosan and Quercetin: Potential Hand in Hand Encountering Tumors in Oral Delivery System. <i>Current Pharmaceutical Design</i> , 2019, 25, 3074-3086.	1.9	3
426	The combined therapy of miR-383-5p restoration and paclitaxel for treating MDA-MB-231 breast cancer. <i>Medical Oncology</i> , 2022, 39, 9.	2.5	3
427	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.	0.4	3
428	CTLA-4: As an Immunosuppressive Immune Checkpoint in Breast Cancer. <i>Current Molecular Medicine</i> , 2023, 23, 521-526.	1.3	3
429	Analysis of human B cell response to recombinant <i>Leishmania</i> LPG3. <i>Asian Pacific Journal of Tropical Medicine</i> , 2015, 8, 624-629.	0.8	2
430	Development and characterization of monoclonal antibodies against human IgA in Balb/c mice. <i>Human Antibodies</i> , 2015, 23, 7-12.	1.5	2
431	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
432	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.	2.3	2

#	ARTICLE	IF	CITATIONS
433	Envisioning the immune system to determine its role in pancreatic ductal adenocarcinoma: Culprit or victim?. <i>Immunology Letters</i> , 2021, 232, 48-59.	2.5	2
434	ZEB2 Knock-down Induces Apoptosis in Human Myeloid Leukemia HL-60 Cells. <i>Current Gene Therapy</i> , 2021, 21, 149-159.	2.0	2
435	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.	5.8	2
436	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.	0.9	2
437	Acellular Whartonâ€™s Jelly, Potentials in T-Cell Subtypes Differentiation, Activation and Proliferation. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 617-622.	1.4	2
438	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.	2.3	2
439	Cytotoxicity and Immunogenicity Evaluation of Synthetic Cell-penetrating Peptides for Methotrexate Delivery.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 506-515.	0.5	2
440	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.	0.8	1
441	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, , .	1.4	1
442	Nicotinic Acetylcholine Receptors as Potential Tumor Biomarkers in Genitourinary Cancers: a Review Study. <i>Immunoanalysis</i> , 2021, 1, 4-4.	0.8	1
443	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.	1.9	1
444	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.	1.7	1
445	LRP8 (rs5177) and CEP85L (rs11756438) are contributed to schizophrenia susceptibility in Iranian population. <i>Psychiatric Genetics</i> , 2020, 30, 162-165.	1.1	1
446	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.	0.7	1
447	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.	1.4	1
448	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.	3.5	1
449	Nicotinic Acetylcholine Receptor Subunit Alpha-7 Mediates PD-L1 and CTLA-4 Expression in HepG2 Cells. <i>Immunoanalysis</i> , 2021, 1, 10-10.	0.8	1
450	B7-H7 Suppression Increases the Expression of CTLA-4 and VISTA Genes in Gastric Cancer Cell Line. <i>Immunoanalysis</i> , 2022, 2, 1-1.	0.8	1

#	ARTICLE	IF	CITATIONS
451	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.	3.8	1
452	ImmunoAnalysis: A New Journal to Publish Peer-Reviewed Manuscripts in the Fields of Pharmaceutical Analysis and Immunology. <i>Immunoanalysis</i> , 2021, 1, 1-1.	0.8	0
453	Downregulation of HMGA2 by Small Interfering RNA Affects the Survival, Migration, and Apoptosis of Prostate Cancer Cell Line. <i>Advanced Pharmaceutical Bulletin</i> , 2021, , .	1.4	0
454	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.	0.2	0
455	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	0
456	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.	1.4	0
457	In vitro anticancer activity of extracts on MCF-7 and WEHI-164 cell line. <i>EXCLI Journal</i> , 2020, 19, 1341-1352.	0.7	0
458	The Application of Next Generation Sequencing in Phage Display: A Short Review. <i>Immunoanalysis</i> , 2021, 1, 7-7.	0.8	0