

Behzad Baradaran

List of Publications by Year in descending order

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Version: 2024-02-01

606
papers

19,373
citations

18482

62
h-index

31849

101
g-index

643
all docs

643
docs citations

643
times ranked

23054
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of miR-4800 Restoration on Proliferation and Migration of Human Breast Cancer Cells <i>in Vitro</i> . <i>Advanced Pharmaceutical Bulletin</i> , 2023, 13, 378-384.	1.4	2
2	CTLA-4: As an Immunosuppressive Immune Checkpoint in Breast Cancer. <i>Current Molecular Medicine</i> , 2023, 23, 521-526.	1.3	3
3	Overexpression of HOXA-AS2 LncRNA in Patients with Gastric Cancer and Its Association with <i>Helicobacter pylori</i> Infection. <i>Journal of Gastrointestinal Cancer</i> , 2022, 53, 72-77.	1.3	20
4	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
5	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
6	Moderate Prognostic Value of lncRNA FOXD2-AS1 in Gastric Cancer with <i>Helicobacter pylori</i> Infection. <i>Journal of Gastrointestinal Cancer</i> , 2022, 53, 687-691.	1.3	10
7	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
8	MicroRNA-143 inhibits proliferation and migration of prostate cancer cells. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 1323-1329.	2.1	6
9	<i>Toxoplasma gondii</i> activates NLRP12 inflammasome pathway in the BALB/c murine model. <i>Acta Tropica</i> , 2022, 225, 106202.	2.0	4
10	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
11	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
12	Silencing tumor-intrinsic CD73 enhances the chemosensitivity of NSCLC and potentiates the anti-tumoral effects of cisplatin: An <i>in vitro</i> study. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112370.	5.6	10
13	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
14	NETosis in ischemic/reperfusion injuries: An organ-based review. <i>Life Sciences</i> , 2022, 290, 120158.	4.3	9
15	Prognostic Value of LncRNA KRT18P55 in Patients with Intestinal Type of Gastric Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2022, 53, 1014-1019.	1.3	7
16	Changes in the Expression of Long Non-Coding RNA SDMGCG and Its Target Gene, TRIM16, in Patients with Gastric Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2022, , 1.	1.3	2
17	Immunotherapy of cancer in single-cell RNA sequencing era: A precision medicine perspective. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112558.	5.6	10
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	Tumor necrosis factor α in systemic lupus erythematosus: Structure, function and therapeutic implications (Review). <i>International Journal of Molecular Medicine</i> , 2022, 49, .	4.0	10
26	Molecular evidences on anti-inflammatory, anticancer, and memory-boosting effects of frankincense. <i>Phytotherapy Research</i> , 2022, 36, 1194-1215.	5.8	14
27	State-of-the-art cancer biomarker detection by portable (Bio) sensing technology: A critical review. <i>Microchemical Journal</i> , 2022, 177, 107248.	4.5	35
28	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
29	Dysregulation of Survivin-Targeting microRNAs in Autoimmune Diseases: New Perspectives for Novel Therapies. <i>Frontiers in Immunology</i> , 2022, 13, 839945.	4.8	18
30	The regulatory role of autophagy-related miRNAs in lung cancer drug resistance. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112735.	5.6	26
31	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
32	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
33	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
34	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
35	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
36	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

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37	Immunomodulatory and clinical responses to zinc gluconate supplementation in patients with Behçet's disease: A double-blind, randomized placebo-controlled clinical trial. <i>Clinical Nutrition</i> , 2022, 41, 1083-1092.	5.0	5
38	Nanog, as a key cancer stem cell marker in tumor progression. <i>Gene</i> , 2022, 827, 146448.	2.2	24
39	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
40	Perspectives and trends in advanced DNA biosensors for the recognition of single nucleotide polymorphisms. <i>Chemical Engineering Journal</i> , 2022, 441, 135988.	12.7	10
41	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
42	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
43	Docosahexaenoic acid may inhibit immune evasion of colorectal cancer cells through targeting immune checkpoint and immunomodulator genes and their controlling <scp>microRNAs</scp>. <i>BioFactors</i> , 2022, 48, 1137-1144.	5.4	1
44	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
45	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
46	The combined restoration of miR-424-5p and miR-142-3p effectively inhibits MCF-7 breast cancer cell line via modulating apoptosis, proliferation, colony formation, cell cycle and autophagy. <i>Molecular Biology Reports</i> , 2022, 49, 8325-8335.	2.3	8
47	MicroRNA-143 act as a tumor suppressor microRNA in human lung cancer cells by inhibiting cell proliferation, invasion, and migration. <i>Molecular Biology Reports</i> , 2022, 49, 7637-7647.	2.3	7
48	Stem cell membrane, stem cell-derived exosomes and hybrid stem cell camouflaged nanoparticles: A promising biomimetic nanoplatforms for cancer theranostics. <i>Journal of Controlled Release</i> , 2022, 348, 706-722.	9.9	41
49	The potential of B7-H6 as a therapeutic target in cancer immunotherapy. <i>Life Sciences</i> , 2022, 304, 120709.	4.3	7
50	The Role of microRNAs in Multidrug Resistance of Glioblastoma. <i>Cancers</i> , 2022, 14, 3217.	3.7	11
51	Anti-Proliferative Effects of Ocimum basilicum Leaf Aqueous Extract on Colon Cancer Cell Lines and the Expression of Apoptotic Genes. <i>Jentashapir Journal of Cellular and Molecular Biology</i> , 2022, 13, .	0.2	0
52	hsa-miR-34a-5p potentiates cytarabine-mediated cell cycle arrest in MDA-MB-231 cells: a novel combination therapy. <i>Pathology Research and Practice</i> , 2022, 236, 154004.	2.3	2
53	Recent advances in nanoparticle-based photothermal therapy for breast cancer. <i>Journal of Controlled Release</i> , 2022, 349, 269-303.	9.9	85
54	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

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55	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.	1.3	9
56	Restoration of miR-330 expression suppresses lung cancer cell viability, proliferation, and migration. <i>Journal of Cellular Physiology</i> , 2021, 236, 273-283.	4.1	15
57	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
58	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
59	The oncogenic potential of NANOG: An important cancer induction mediator. <i>Journal of Cellular Physiology</i> , 2021, 236, 2443-2458.	4.1	35
60	Carbon based nanomaterials for the detection of narrow therapeutic index pharmaceuticals. <i>Talanta</i> , 2021, 221, 121610.	5.5	15
61	Synthesis and therapeutic potential of stimuli-responsive metal-organic frameworks. <i>Chemical Engineering Journal</i> , 2021, 408, 127233.	12.7	25
62	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
63	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
64	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
65	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
66	The pivotal role of MicroRNAs in glucose metabolism in cancer. <i>Pathology Research and Practice</i> , 2021, 217, 153314.	2.3	12
67	Molecular beacon strategies for sensing purpose. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 134, 116143.	11.4	38
68	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
69	miR-424: A novel potential therapeutic target and prognostic factor in malignancies. <i>Cell Biology International</i> , 2021, 45, 720-730.	3.0	10
70	MicroRNA-mediated autophagy regulation in cancer therapy: The role in chemoresistance/chemosensitivity. <i>European Journal of Pharmacology</i> , 2021, 892, 173660.	3.5	48
71	The expression analyses of RMRP, DDX5, and RORC in RRMS patients treated with different drugs versus naive patients and healthy controls. <i>Gene</i> , 2021, 769, 145236.	2.2	6
72	Varied functions of immune checkpoints during cancer metastasis. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 569-588.	4.2	14

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73	Recent developments of RNA-based vaccines in cancer immunotherapy. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 201-218.	3.1	55
74	(Nano)tagged antibody conjugates in rapid tests. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5414-5438.	5.8	8
75	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
76	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
77	Potential roles and prognostic significance of exosomes in cancer drug resistance. <i>Cell and Bioscience</i> , 2021, 11, 1.	4.8	82
78	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
79	<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.	7.5	16
80	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
81	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
82	HMGA2 as a Critical Regulator in Cancer Development. <i>Genes</i> , 2021, 12, 269.	2.4	91
83	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
84	Silencing ZEB2 Induces Apoptosis and Reduces Viability in Glioblastoma Cell Lines. <i>Molecules</i> , 2021, 26, 901.	3.8	3
85	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
86	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
87	MicroRNA-143 Sensitizes Cervical Cancer Cells to Cisplatin: a Promising Anticancer Combination Therapy. <i>Reproductive Sciences</i> , 2021, 28, 2036-2049.	2.5	9
88	Immune Cell Membrane-Coated Biomimetic Nanoparticles for Targeted Cancer Therapy. <i>Small</i> , 2021, 17, e2006484.	10.0	216
89	GDF15: Diagnostic, prognostic, and therapeutic significance in glioblastoma multiforme. <i>Journal of Cellular Physiology</i> , 2021, 236, 5564-5581.	4.1	3
90	The clinical characteristics and treatment approaches of COVID-19: a concise review. <i>Pharmaceutical Sciences</i> , 2021, , .	0.2	0

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91	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
92	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
93	Long Non-Coding RNAs in Multidrug Resistance of Glioblastoma. <i>Genes</i> , 2021, 12, 455.	2.4	14
94	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
95	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
96	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
97	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
98	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
99	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
100	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
101	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.	4.6	16
102	Nanoparticle-mediated synergistic chemoimmunotherapy for tailoring cancer therapy: recent advances and perspectives. <i>Journal of Nanobiotechnology</i> , 2021, 19, 110.	9.1	16
103	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
104	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
105	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
106	ZEB2 Knock-down Induces Apoptosis in Human Myeloid Leukemia HL-60 Cells. <i>Current Gene Therapy</i> , 2021, 21, 149-159.	2.0	2
107	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
108	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

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109	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
110	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
111	Cytotoxic T-Lymphocyte Antigen-4 in Colorectal Cancer: Another Therapeutic Side of Capecitabine. <i>Cancers</i> , 2021, 13, 2414.	3.7	58
112	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
113	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
114	Micronutrient therapy and effective immune response: a promising approach for management of COVID-19. <i>Infection</i> , 2021, 49, 1133-1147.	4.7	10
115	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
116	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
117	Cholinergic anti-inflammatory pathway and connective tissue diseases. <i>Inflammopharmacology</i> , 2021, 29, 975-986.	3.9	6
118	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
119	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
120	MIR-142-3p targets HMGA2 and suppresses breast cancer malignancy. <i>Life Sciences</i> , 2021, 276, 119431.	4.3	32
121	Ruxolitinib attenuates experimental autoimmune encephalomyelitis (EAE) development as animal models of multiple sclerosis (MS). <i>Life Sciences</i> , 2021, 276, 119395.	4.3	20
122	The regulatory role of pivotal microRNAs in the AKT signaling pathway in breast cancer. <i>Current Molecular Medicine</i> , 2021, 21, .	1.3	8
123	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
124	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.	2.5	17
125	Silencing of HMGA2 by siRNA Loaded Methotrexate Functionalized Polyamidoamine Dendrimer for Human Breast Cancer Cell Therapy. <i>Genes</i> , 2021, 12, 1102.	2.4	15
126	The role of CD44 in cancer chemoresistance: A concise review. <i>European Journal of Pharmacology</i> , 2021, 903, 174147.	3.5	49

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127	Advanced mechanotherapy: Biotensegrity ^Å for governing metastatic tumor cell fate via modulating the extracellular matrix. <i>Journal of Controlled Release</i> , 2021, 335, 596-618.	9.9	8
128	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
129	Nicotinic Acetylcholine Receptors as Potential Tumor Biomarkers in Genitourinary Cancers: a Review Study. <i>Immunoanalysis</i> , 2021, 1, 4-4.	0.8	1
130	Interplay between SOX9 transcription factor and microRNAs in cancer. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 681-694.	7.5	39
131	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
132	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
133	Recent advances on development of portable biosensors for monitoring of biological contaminants in foods. <i>Trends in Food Science and Technology</i> , 2021, 114, 712-721.	15.1	37
134	An updated review of the role of lncRNAs and their contribution in various molecular subtypes of breast cancer. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 1025-1036.	3.1	5
135	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
136	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
137	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
138	Immune Checkpoint Inhibitors in Colorectal Cancer: Challenges and Future Prospects. <i>Biomedicines</i> , 2021, 9, 1075.	3.2	46
139	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
140	Nicotinic acetylcholine receptors in chemotherapeutic drugs resistance: An emerging targeting candidate. <i>Life Sciences</i> , 2021, 278, 119557.	4.3	10
141	ZNF677 downregulation by promoter hypermethylation as a driver event through gastric tumorigenesis. <i>Experimental and Molecular Pathology</i> , 2021, 121, 104663.	2.1	5
142	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
143	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
144	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

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145	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
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