

Behzad Baradaran

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

582
papers

11,163
citations

48
h-index

76
g-index

633
ext. papers

15,108
ext. citations

4.8
avg, IF

7.25
L-index

#	Paper	IF	Citations
582	LncRNA DLGAP1-AS2 overexpression associates with gastric tumorigenesis: a promising diagnostic and therapeutic target.. <i>Molecular Biology Reports</i> , 2022 , 1	2.8	0
581	B7 immune checkpoint family members as putative therapeutics in autoimmune disease: An updated overview.. <i>International Journal of Rheumatic Diseases</i> , 2022 ,	2.3	1
580	Restoration of miR-143 reduces migration and proliferation of bladder cancer cells by regulating signaling pathways involved in EMT.. <i>Molecular and Cellular Probes</i> , 2022 , 61, 101794	3.3	0
579	State-of-the-art cancer biomarker detection by portable (Bio) sensing technology: A critical review. <i>Microchemical Journal</i> , 2022 , 177, 107248	4.8	2
578	Changes in the Expression of Long Non-Coding RNA SDGCG and Its Target Gene, TRIM16, in Patients with Gastric Cancer.. <i>Journal of Gastrointestinal Cancer</i> , 2022 , 1	1.6	0
577	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	7.5	1
576	microRNA-193a-5p Suppresses the Migratory Ability of Human KATO III Gastric Cancer Cells through Inhibition of Vimentin and MMP-9.. <i>Advanced Pharmaceutical Bulletin</i> , 2022 , 12, 169-175	4.5	
575	Restoration of miRNA-143 Expression Inhibits Growth and Migration of MKN-45 Gastric Cancer Cell Line.. <i>Advanced Pharmaceutical Bulletin</i> , 2022 , 12, 183-190	4.5	
574	Toxoplasma gondii activates NLRP12 inflammasome pathway in the BALB/c murine model. <i>Acta Tropica</i> , 2022 , 225, 106202	3.2	1
573	Antiproliferative activity of CD44 siRNA-PEI-PEG nanoparticles in glioblastoma: involvement of AKT signaling.. <i>Research in Pharmaceutical Sciences</i> , 2022 , 17, 78-85	2.6	0
572	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	4.5	0
571	Dysregulation of Survivin-Targeting microRNAs in Autoimmune Diseases: New Perspectives for Novel Therapies.. <i>Frontiers in Immunology</i> , 2022 , 13, 839945	8.4	3
570	The regulatory role of autophagy-related miRNAs in lung cancer drug resistance.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 148, 112735	7.5	4
569	miR-200c increases the sensitivity of breast cancer cells to Doxorubicin through downregulating MDR1 gene.. <i>Experimental and Molecular Pathology</i> , 2022 , 104753	4.4	0
568	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	7.5	0
567	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	3.4	
566	Dendritic cell-based cancer immunotherapy in the era of immune checkpoint inhibitors: From bench to bedside.. <i>Life Sciences</i> , 2022 , 120466	6.8	2

565	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	7.9	3
564	Silencing of Nanog as a promising therapeutic approach against liver cancer; how this silencing could increase the sensitivity to Cisplatin.. <i>Gene</i> , 2022 , 146333	3.8	1
563	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	5.9	0
562	Nanog, as a key cancer stem cell marker in tumor progression.. <i>Gene</i> , 2022 , 146448	3.8	3
561	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	6.2	5
560	Perspectives and trends in advanced DNA biosensors for the recognition of single nucleotide polymorphisms. <i>Chemical Engineering Journal</i> , 2022 , 441, 135988	14.7	1
559	B7-H7 Suppression Increases the Expression of CTLA-4 and VISTA Genes in Gastric Cancer Cell Line 2022 , 2, 1-1		0
558	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	5.3	2
557	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	5.8	1
556	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	4.8	
555	Simultaneous nanocarrier-mediated delivery of siRNAs and chemotherapeutic agents in cancer therapy and diagnosis: Recent advances.. <i>European Journal of Pharmacology</i> , 2021 , 915, 174639	5.3	0
554	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	8.4	0
553	Overexpression of lncRNA DLEU1 in Gastric Cancer Tissues Compared to Adjacent Non-Tumor Tissues. <i>Journal of Gastrointestinal Cancer</i> , 2021 , 1	1.6	3
552	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	2.4	1
551	Molecular pathways in the development of HPV-induced cervical cancer. <i>EXCLI Journal</i> , 2021 , 20, 320-337.	7.4	5
550	Silencing tumor-intrinsic CD73 enhances the chemosensitivity of NSCLC and potentiates the anti-tumoral effects of cisplatin: An in vitro study. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 145, 112370	7.5	0
549	The combined therapy of miR-383-5p restoration and paclitaxel for treating MDA-MB-231 breast cancer. <i>Medical Oncology</i> , 2021 , 39, 9	3.7	0
548	NETosis in ischemic/reperfusion injuries: An organ-based review. <i>Life Sciences</i> , 2021 , 120158	6.8	3

547	The Application of Next Generation Sequencing in Phage Display: A Short Review 2021 , 1, 7-7		
546	Prognostic Value of LncRNA KRT18P55 in Patients with Intestinal Type of Gastric Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2021 , 1	1.6	4
545	Immunotherapy of cancer in single-cell RNA sequencing era: A precision medicine perspective.. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 146, 112558	7.5	1
544	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> , 2021 , 146, 112537	7.5	0
543	The importance of immune checkpoints in immune monitoring: A future paradigm shift in the treatment of cancer.. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 146, 112516	7.5	7
542	HMGA2 Supports Cancer Hallmarks in Triple-Negative Breast Cancer. <i>Cancers</i> , 2021 , 13,	6.6	4
541	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> , 2021 , 1	4.6	1
540	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,	6.3	6
539	The effects of chemotherapeutic drugs on PD-L1 gene expression in breast cancer cell lines. <i>Medical Oncology</i> , 2021 , 38, 147	3.7	1
538	On-Site Detection of Carcinoembryonic Antigen in Human Serum. <i>Biosensors</i> , 2021 , 11,	5.9	3
537	Micro RNA-34a sensitizes MCF-7 Breast Cancer Cells to carboplatin through the apoptosis induction. <i>Gene Reports</i> , 2021 , 101361	1.4	
536	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	14.6	12
535	Combination therapy with miR-34a and doxorubicin synergistically induced apoptosis in T-cell acute lymphoblastic leukemia cell line. <i>Medical Oncology</i> , 2021 , 38, 142	3.7	1
534	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	4.5	1
533	miR-146a-5p and miR-193a-5p Synergistically Inhibited the Proliferation of Human Colorectal Cancer Cells (HT-29 cell line) through ERK Signaling Pathway. <i>Advanced Pharmaceutical Bulletin</i> , 2021 , 11, 755-764	4.5	1
532	BC032913 as a Novel Antisense Non-coding RNA is Downregulated in Gastric Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2021 , 52, 928-931	1.6	5
531	ImmunoAnalysis: A New Journal to Publish Peer-Reviewed Manuscripts in the Fields of Pharmaceutical Analysis and Immunology 2021 , 1, 1-1		
530	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	6.1	2

529	Long Non-Coding RNAs in Multidrug Resistance of Glioblastoma. <i>Genes</i> , 2021 , 12,	4.2	5
528	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,	6.3	6
527	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	3.8	5
526	Arginase 1 () as an Up-Regulated Gene in COVID-19 Patients: A Promising Marker in COVID-19 Immunopathy. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	8
525	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	5.3	4
524	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	3.6	2
523	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	5.3	6
522	Pancreatic Cancer Signaling Pathways, Genetic Alterations, and Tumor Microenvironment: The Barriers Affecting the Method of Treatment. <i>Biomedicines</i> , 2021 , 9,	4.8	12
521	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	5.6	7
520	Nanoparticle-mediated synergistic chemoimmunotherapy for tailoring cancer therapy: recent advances and perspectives. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 110	9.4	3
519	From Oncogenic Signaling Pathways to Single-Cell Sequencing of Immune Cells: Changing the Landscape of Cancer Immunotherapy. <i>Molecules</i> , 2021 , 26,	4.8	19
518	Envisioning the immune system to determine its role in pancreatic ductal adenocarcinoma: Culprit or victim?. <i>Immunology Letters</i> , 2021 , 232, 48-59	4.1	2
517	ZEB2 Knock-down Induces Apoptosis in Human Myeloid Leukemia HL-60 Cells. <i>Current Gene Therapy</i> , 2021 , 21, 149-159	4.3	0
516	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	7	10
515	Immune checkpoints in targeted-immunotherapy of pancreatic cancer: New hope for clinical development. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 1083-1097	15.5	7
514	An Updated Review of the Cross-talk between MicroRNAs and Epigenetic Factors in Cancers. <i>Current Medicinal Chemistry</i> , 2021 ,	4.3	4
513	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	8.4	8
512	Cytotoxic T-Lymphocyte Antigen-4 in Colorectal Cancer: Another Therapeutic Side of Capecitabine. <i>Cancers</i> , 2021 , 13,	6.6	22

511	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	3.1	4
510	The combination effect of Prominin1 (CD133) suppression and Oxaliplatin treatment in colorectal cancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 137, 111364	7.5	5
509	Micronutrient therapy and effective immune response: a promising approach for management of COVID-19. <i>Infection</i> , 2021 , 49, 1133-1147	5.8	1
508	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	7.5	10
507	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	1.4	1
506	Cholinergic anti-inflammatory pathway and connective tissue diseases. <i>Inflammopharmacology</i> , 2021 , 29, 975-986	5.1	0
505	Carbapenem resistance in clinical isolates from northwest Iran: high prevalence of OXA genes in sync. <i>Iranian Journal of Microbiology</i> , 2021 , 13, 282-293	0.9	0
504	Crosstalk between miRNAs and signaling pathways involved in pancreatic cancer and pancreatic ductal adenocarcinoma. <i>European Journal of Pharmacology</i> , 2021 , 901, 174006	5.3	3
503	A novel method for the development of plasmid DNA-loaded nanoliposomes for cancer gene therapy. <i>Drug Delivery and Translational Research</i> , 2021 , 1	6.2	
502	MiR-142-3p targets HMGA2 and suppresses breast cancer malignancy. <i>Life Sciences</i> , 2021 , 276, 119431	6.8	12
501	Ruxolitinib attenuates experimental autoimmune encephalomyelitis (EAE) development as animal models of multiple sclerosis (MS). <i>Life Sciences</i> , 2021 , 276, 119395	6.8	5
500	The regulatory role of pivotal microRNAs in the AKT signaling pathway in breast cancer. <i>Current Molecular Medicine</i> , 2021 ,	2.5	4
499	CAR-engineered NK cells; a promising therapeutic option for treatment of hematological malignancies. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 374	8.3	9
498	Regulation of CTLA-4 and PD-L1 Expression in Relapsing-Remitting Multiple Sclerosis Patients after Treatment with Fingolimod, IFN β Glatiramer Acetate, and Dimethyl Fumarate Drugs. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	5
497	Silencing of HMGA2 by siRNA Loaded Methotrexate Functionalized Polyamidoamine Dendrimer for Human Breast Cancer Cell Therapy. <i>Genes</i> , 2021 , 12,	4.2	6
496	The role of CD44 in cancer chemoresistance: A concise review. <i>European Journal of Pharmacology</i> , 2021 , 903, 174147	5.3	14
495	Advanced mechanotherapy: Biotensegrity for governing metastatic tumor cell fate via modulating the extracellular matrix. <i>Journal of Controlled Release</i> , 2021 , 335, 596-618	11.7	6
494	Production and Verification of Anti-Tumor Activity of Monoclonal Anti-EGFR-Recombinant PE38 Immunotoxin in A431 Tumor Cells 2021 , 1, 3-3		0

493	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	1.6	4
492	Restoration of miR-330 expression suppresses lung cancer cell viability, proliferation, and migration. <i>Journal of Cellular Physiology</i> , 2021 , 236, 273-283	7	7
491	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	7	3
490	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	19.5	79
489	The oncogenic potential of NANOG: An important cancer induction mediator. <i>Journal of Cellular Physiology</i> , 2021 , 236, 2443-2458	7	10
488	Carbon based nanomaterials for the detection of narrow therapeutic index pharmaceuticals. <i>Talanta</i> , 2021 , 221, 121610	6.2	7
487	Synthesis and therapeutic potential of stimuli-responsive metal-organic frameworks. <i>Chemical Engineering Journal</i> , 2021 , 408, 127233	14.7	7
486	Recent developments in targeting genes and pathways by RNAi-based approaches in colorectal cancer. <i>Medicinal Research Reviews</i> , 2021 , 41, 395-434	14.4	4
485	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	6	7
484	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	3.8	3
483	A plethora of carbapenem resistance in : no end to a long insidious genetic journey. <i>Journal of Chemotherapy</i> , 2021 , 33, 137-155	2.3	3
482	The pivotal role of MicroRNAs in glucose metabolism in cancer. <i>Pathology Research and Practice</i> , 2021 , 217, 153314	3.4	5
481	Molecular beacon strategies for sensing purpose. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 134, 116143	14.6	17
480	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	7.9	16
479	miR-424: A novel potential therapeutic target and prognostic factor in malignancies. <i>Cell Biology International</i> , 2021 , 45, 720-730	4.5	2
478	MicroRNA-mediated autophagy regulation in cancer therapy: The role in chemoresistance/chemosensitivity. <i>European Journal of Pharmacology</i> , 2021 , 892, 173660	5.3	23
477	The expression analyses of RMRP, DDX5, and RORC in RRMS patients treated with different drugs versus naïve patients and healthy controls. <i>Gene</i> , 2021 , 769, 145236	3.8	4
476	Varied functions of immune checkpoints during cancer metastasis. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 70, 569-588	7.4	6

475	Recent developments of RNA-based vaccines in cancer immunotherapy. <i>Expert Opinion on Biological Therapy</i> , 2021 , 21, 201-218	5.4	18
474	(Nano)tag-antibody conjugates in rapid tests. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 5414-5438	7.3	3
473	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	9.4	15
472	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	2.6	34
471	Potential roles and prognostic significance of exosomes in cancer drug resistance. <i>Cell and Bioscience</i> , 2021 , 11, 1	9.8	26
470	Enhanced anticancer potency of hydroxytyrosol and curcumin by PLGA-PAA nano-encapsulation on PANC-1 pancreatic cancer cell line. <i>Environmental Toxicology</i> , 2021 , 36, 1043-1051	4.2	13
469	<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	7.9	4
468	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	2.8	5
467	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	6.8	14
466	HMGA2 as a Critical Regulator in Cancer Development. <i>Genes</i> , 2021 , 12,	4.2	24
465	From Melanoma Development to RNA-Modified Dendritic Cell Vaccines: Highlighting the Lessons From the Past. <i>Frontiers in Immunology</i> , 2021 , 12, 623639	8.4	14
464	Silencing ZEB2 Induces Apoptosis and Reduces Viability in Glioblastoma Cell Lines. <i>Molecules</i> , 2021 , 26,	4.8	1
463	miR-34a and miR-200c Have an Additive Tumor-Suppressive Effect on Breast Cancer Cells and Patient Prognosis. <i>Genes</i> , 2021 , 12,	4.2	9
462	The role of tumor suppressor short non-coding RNAs on breast cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2021 , 158, 103210	7	1
461	MicroRNA-143 Sensitizes Cervical Cancer Cells to Cisplatin: a Promising Anticancer Combination Therapy. <i>Reproductive Sciences</i> , 2021 , 28, 2036-2049	3	2
460	Immune Cell Membrane-Coated Biomimetic Nanoparticles for Targeted Cancer Therapy. <i>Small</i> , 2021 , 17, e2006484	11	47
459	GDF-15: Diagnostic, prognostic, and therapeutic significance in glioblastoma multiforme. <i>Journal of Cellular Physiology</i> , 2021 , 236, 5564-5581	7	1
458	Nicotinic Acetylcholine Receptors as Potential Tumor Biomarkers in Genitourinary Cancers: a Review Study 2021 , 1, 4-4		0

457	Interplay between SOX9 transcription factor and microRNAs in cancer. <i>International Journal of Biological Macromolecules</i> , 2021 , 183, 681-694	7.9	19
456	A Systematic Review to Clarify the Prognostic Values of CD44 and CD44CD24 Phenotype in Triple-Negative Breast Cancer Patients: Lessons Learned and The Road Ahead. <i>Frontiers in Oncology</i> , 2021 , 11, 689839	5.3	0
455	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	8.3	12
454	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	15.3	13
453	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	3.8	1
452	Expression profiles of miR-196, miR-132, miR-146a, and miR-134 in human colorectal cancer tissues in accordance with their clinical significance : Comparison regarding KRAS mutation. <i>Wiener Klinische Wochenschrift</i> , 2021 , 133, 1162-1170	2.3	
451	Interplay between MAPK/ERK signaling pathway and MicroRNAs: A crucial mechanism regulating cancer cell metabolism and tumor progression. <i>Life Sciences</i> , 2021 , 278, 119499	6.8	18
450	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,	5.1	5
449	Immune Checkpoint Inhibitors in Colorectal Cancer: Challenges and Future Prospects. <i>Biomedicines</i> , 2021 , 9,	4.8	7
448	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,	4.2	9
447	Nicotinic acetylcholine receptors in chemotherapeutic drugs resistance: An emerging targeting candidate. <i>Life Sciences</i> , 2021 , 278, 119557	6.8	3
446	ZNF677 downregulation by promoter hypermethylation as a driver event through gastric tumorigenesis. <i>Experimental and Molecular Pathology</i> , 2021 , 121, 104663	4.4	1
445	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	1	
444	The Role of Hemoglobin Subunit Delta in the Immunopathy of Multiple Sclerosis: Mitochondria Matters. <i>Frontiers in Immunology</i> , 2021 , 12, 709173	8.4	2
443	Antifungal Effects of Voriconazole-Loaded Nano-Liposome on FluconazoleResistant Clinical Isolates of , Biological Activity and and Gene Expression. <i>Assay and Drug Development Technologies</i> , 2021 , 19, 453-462	2.1	0
442	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	8.4	2
441	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	5.3	0
440	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,	6.3	2

439	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	3	2
438	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	1.3	2
437	Podocyte-derived microparticles in IgA nephropathy. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111893	1.3	2
436	The impact of microRNAs on myeloid-derived suppressor cells in cancer. <i>Human Immunology</i> , 2021 , 82, 668-678	2.3	2
435	Restoration of miR-124 serves as a promising therapeutic approach in CRC by affecting CDK6 which is itself a prognostic and diagnostic factor. <i>Gene Reports</i> , 2021 , 24, 101274	1.4	0
434	PVT1 and ZFAS1 lncRNAs expressions and their biomarker value in gastric cancer tissue sampling among Iranian population. <i>Molecular Biology Reports</i> , 2021 , 48, 7171-7177	2.8	1
433	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	6.5	1
432	Up-down regulation of HIF-1 α in cancer progression. <i>Gene</i> , 2021 , 798, 145796	3.8	4
431	Moderate Prognostic Value of lncRNA FOXD2-AS1 in Gastric Cancer with Helicobacter pylori Infection. <i>Journal of Gastrointestinal Cancer</i> , 2021 , 1	1.6	5
430	The synergy between miR-486-5p and tamoxifen causes profound cell death of tamoxifen-resistant breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111925	7.5	1
429	Sodium metabisulfite as a cytotoxic food additive induces apoptosis in HFFF2 cells. <i>Food Chemistry</i> , 2021 , 358, 129910	8.5	2
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