

# 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 Different Mechanisms of Cancer Drug Resistance: A Brief Review. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 339-348.	1.4	1,143
2	Molecular Mechanisms of Apoptosis and Roles in Cancer Development and Treatment. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 2129-2144.	1.2	431
3	The relation between PI3K/AKT signalling pathway and cancer. <i>Gene</i> , 2019, 698, 120-128.	2.2	331
4	PAMAM dendrimers as efficient drug and gene delivery nanosystems for cancer therapy. <i>Applied Materials Today</i> , 2018, 12, 177-190.	4.3	299
5	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
6	Herbal medicine as inducers of apoptosis in cancer treatment. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 421-7.	1.4	251
7	Treating cancer with microRNA replacement therapy: A literature review. <i>Journal of Cellular Physiology</i> , 2018, 233, 5574-5588.	4.1	250
8	Nanomaterial-based biosensors for detection of pathogenic virus. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 445-457.	11.4	230
9	Immune Cell Membrane-Coated Biomimetic Nanoparticles for Targeted Cancer Therapy. <i>Small</i> , 2021, 17, e2006484.	10.0	216
10	MicroRNA replacement therapy in cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 12369-12384.	4.1	184
11	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
12	Phage display as a promising approach for vaccine development. <i>Journal of Biomedical Science</i> , 2016, 23, 66.	7.0	152
13	The paradox of Th17 cell functions in tumor immunity. <i>Cellular Immunology</i> , 2017, 322, 15-25.	3.0	148
14	RNA interference and its role in cancer therapy. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 313-21.	1.4	146
15	Liposome and immune system interplay: Challenges and potentials. <i>Journal of Controlled Release</i> , 2019, 305, 194-209.	9.9	142
16	Myeloid-derived suppressor cells: Important contributors to tumor progression and metastasis. <i>Journal of Cellular Physiology</i> , 2018, 233, 3024-3036.	4.1	141
17	Lateral flow assays towards point-of-care cancer detection: A review of current progress and future trends. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 125, 115842.	11.4	138
18	The role of microRNAs in colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 705-713.	5.6	134

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19	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
20	CTLA-4: From mechanism to autoimmune therapy. <i>International Immunopharmacology</i> , 2020, 80, 106221.	3.8	132
21	Photodynamic therapy for cancer: Role of natural products. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 26, 395-404.	2.6	128
22	MicroRNAs in cancer cell death pathways: Apoptosis and necroptosis. <i>Free Radical Biology and Medicine</i> , 2019, 139, 1-15.	2.9	128
23	Cancer chemoresistance; biochemical and molecular aspects: a brief overview. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 89, 20-30.	4.0	123
24	Comparison of DNA and mRNA vaccines against cancer. <i>Drug Discovery Today</i> , 2020, 25, 552-560.	6.4	105
25	miR-4243p 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
26	A Probable Causative Factor for an Old Problem: Selenium and Glutathione Peroxidase Appear to Play Important Roles in Epilepsy Pathogenesis. <i>Epilepsia</i> , 2007, 48, 1750-1755.	5.1	99
27	Green tea ( <i>Camellia sinensis</i> ) administration induces expression of immune relevant genes and biochemical parameters in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Fish and Shellfish Immunology</i> , 2013, 35, 1916-1923.	3.6	97
28	Recent advancements in structural improvements of lateral flow assays towards point-of-care testing. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 13-30.	11.4	96
29	Current Approaches for Combination Therapy of Cancer: The Role of Immunogenic Cell Death. <i>Cancers</i> , 2020, 12, 1047.	3.7	95
30	Up-down regulation of HIF-1 $\alpha$ in cancer progression. <i>Gene</i> , 2021, 798, 145796.	2.2	95
31	Toll-Like Receptors in the Pathogenesis of Autoimmune Diseases. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 605-614.	1.4	94
32	MicroRNAs as novel biomarkers for colorectal cancer: New outlooks. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1319-1330.	5.6	93
33	Recent advances on application of peptide nucleic acids as a bioreceptor in biosensors development. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 114, 56-68.	11.4	92
34	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
35	HMGA2 as a Critical Regulator in Cancer Development. <i>Genes</i> , 2021, 12, 269.	2.4	91
36	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

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37	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
38	BACH1, the master regulator gene: A novel candidate target for cancer therapy. <i>Gene</i> , 2016, 588, 30-37.	2.2	89
39	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
40	PD-1/PD-L1-dependent immune response in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 5461-5475.	4.1	86
41	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
42	LncRNAs: emerging players in gene regulation and disease pathogenesis. <i>Journal of Genetics</i> , 2015, 94, 771-784.	0.7	85
43	Recent advances in nanoparticle-based photothermal therapy for breast cancer. <i>Journal of Controlled Release</i> , 2022, 349, 269-303.	9.9	85
44	Immune checkpoint blockade opens a new way to cancer immunotherapy. <i>Journal of Cellular Physiology</i> , 2019, 234, 8541-8549.	4.1	84
45	Recent advances on nanomaterial based electrochemical and optical aptasensors for detection of cancer biomarkers. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 100, 103-115.	11.4	83
46	Potential roles and prognostic significance of exosomes in cancer drug resistance. <i>Cell and Bioscience</i> , 2021, 11, 1.	4.8	82
47	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
48	microRNAs in cancer stem cells: Biology, pathways, and therapeutic opportunities. <i>Journal of Cellular Physiology</i> , 2019, 234, 10002-10017.	4.1	78
49	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
50	DNA Methylation Pattern as Important Epigenetic Criterion in Cancer. <i>Genetics Research International</i> , 2013, 2013, 1-9.	2.0	74
51	Targeting Stat3 and Smad7 to restore TGF- $\beta$ 2 cytosolic regulation of tumor cells in vitro and in vivo. <i>Oncogene</i> , 2013, 32, 2433-2441.	5.9	72
52	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
53	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
54	Target therapy of cancer: Implementation of monoclonal antibodies and nanobodies. <i>Human Antibodies</i> , 2009, 18, 81-100.	1.5	71

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55	Neutrophils, Crucial, or Harmful Immune Cells Involved in Coronavirus Infection: A Bioinformatics Study. <i>Frontiers in Genetics</i> , 2020, 11, 641.	2.3	71
56	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
57	Tumor angiogenesis and anti-angiogenic therapies. <i>Human Antibodies</i> , 2013, 22, 15-19.	1.5	69
58	Targeting STAT3 in cancer and autoimmune diseases. <i>European Journal of Pharmacology</i> , 2020, 878, 173107.	3.5	69
59	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
60	Recent advances on portable sensing and biosensing assays applied for detection of main chemical and biological pollutant agents in water samples: A critical review. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116344.	11.4	69
61	Overview on experimental models of interactions between nanoparticles and the immune system. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1365-1378.	5.6	68
62	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
63	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
64	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
65	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
66	Differential role of microRNAs in the pathogenesis and treatment of Esophageal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016, 82, 509-519.	5.6	65
67	miR-193: A new weapon against cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 16861-16872.	4.1	65
68	Advances in detection of fastidious bacteria: From microscopic observation to molecular biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 113, 157-171.	11.4	65
69	Overcoming trastuzumab resistance in HER2-positive breast cancer using combination therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 3142-3156.	4.1	65
70	Mast cells: A double-edged sword in cancer. <i>Immunology Letters</i> , 2019, 209, 28-35.	2.5	64
71	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
72	Dendrosomal Curcumin Suppresses Metastatic Breast Cancer in Mice by Changing M1/M2 Macrophage Balance in the Tumor Microenvironment. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 3917-3922.	1.2	63

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73	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
74	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
75	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
76	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
77	Targeting ROCK signaling in health, malignant and non-malignant diseases. <i>Immunology Letters</i> , 2020, 219, 15-26.	2.5	61
78	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
79	Recent trends in rapid detection of influenza infections by bio and nanobiosensor. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 98, 201-215.	11.4	60
80	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
81	Janus kinase inhibitors: A therapeutic strategy for cancer and autoimmune diseases. <i>Journal of Cellular Physiology</i> , 2020, 235, 5903-5924.	4.1	60
82	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
83	Applications of Spherical Nucleic Acid Nanoparticles as Delivery Systems. <i>Trends in Molecular Medicine</i> , 2019, 25, 1066-1079.	6.7	58
84	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
85	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
86	Cytotoxic T-Lymphocyte Antigen-4 in Colorectal Cancer: Another Therapeutic Side of Capecitabine. <i>Cancers</i> , 2021, 13, 2414.	3.7	58
87	Enhanced Radiosensitivity and Chemosensitivity of Breast Cancer Cells by 2-Deoxy-D-Glucose in Combination Therapy. <i>Journal of Breast Cancer</i> , 2012, 15, 141.	1.9	57
88	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
89	Immunomodulatory and therapeutic effects of Hot-nature diet and co-supplemented hemp seed, evening primrose oils intervention in multiple sclerosis patients. <i>Complementary Therapies in Medicine</i> , 2013, 21, 473-480.	2.7	56
90	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

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91	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
92	Recent developments of RNA-based vaccines in cancer immunotherapy. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 201-218.	3.1	55
93	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
94	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
95	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
96	MicroRNAs in cancer drug resistance: Basic evidence and clinical applications. <i>Journal of Cellular Physiology</i> , 2019, 234, 2152-2168.	4.1	54
97	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
98	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
99	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
100	Suppression of nitric oxide production in activated murine peritoneal macrophages in vitro and ex vivo by <i>Scrophularia striata</i> ethanolic extract. <i>Journal of Ethnopharmacology</i> , 2009, 124, 166-169.	4.1	52
101	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
102	MicroRNAs in the Diagnosis and Treatment of Cancer. <i>Immunological Investigations</i> , 2017, 46, 880-897.	2.0	52
103	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
104	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
105	Recent progress in optical and electrochemical biosensors for sensing of <i>Clostridium botulinum</i> neurotoxin. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 103, 184-197.	11.4	50
106	Development of biosensors for detection of alpha-fetoprotein: As a major biomarker for hepatocellular carcinoma. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 130, 115961.	11.4	50
107	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
108	MiR-146a functions as a small silent player in gastric cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 238-245.	5.6	49

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109	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
110	Promising approaches in cancer immunotherapy. <i>Immunobiology</i> , 2020, 225, 151875.	1.9	49
111	The role of CD44 in cancer chemoresistance: A concise review. <i>European Journal of Pharmacology</i> , 2021, 903, 174147.	3.5	49
112	The role of CIP2A in cancer: A review and update. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 626-633.	5.6	48
113	Dysregulation of key microRNAs in pancreatic cancer development. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1008-1015.	5.6	48
114	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
115	Silencing of HIF-1 $\pm$ /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
116	MicroRNA-mediated autophagy regulation in cancer therapy: The role in chemoresistance/chemosensitivity. <i>European Journal of Pharmacology</i> , 2021, 892, 173660.	3.5	48
117	The Value of MiR-383, an Intronic MiRNA, as a Diagnostic and Prognostic Biomarker in Intestinal-Type Gastric Cancer. <i>Biochemical Genetics</i> , 2017, 55, 244-252.	1.7	47
118	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
119	Overcoming the Challenges of siRNA Delivery: Nanoparticle Strategies. <i>Current Drug Delivery</i> , 2017, 14, 36-46.	1.6	47
120	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
121	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
122	Role of miR-21 as an authentic oncogene in mediating drug resistance in breast cancer. <i>Gene</i> , 2020, 738, 144453.	2.2	46
123	Immune Checkpoint Inhibitors in Colorectal Cancer: Challenges and Future Prospects. <i>Biomedicines</i> , 2021, 9, 1075.	3.2	46
124	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
125	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
126	Gene therapy, early promises, subsequent problems, and recent breakthroughs. <i>Advanced Pharmaceutical Bulletin</i> , 2013, 3, 249-55.	1.4	44



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127	<i>miR-193a-5p</i> 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
128	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
129	MicroRNA implications in the etiopathogenesis of ankylosing spondylitis. <i>Journal of Cellular Physiology</i> , 2018, 233, 5564-5573.	4.1	42
130	Tumor-Associated Macrophages: Protumoral Macrophages in Inflammatory Tumor Microenvironment. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 556-565.	1.4	42
131	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
132	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
133	miR-142a-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
134	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
135	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
136	Biosensing of microcystins in water samples; recent advances. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112403.	10.1	40
137	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
138	Interplay between SOX9 transcription factor and microRNAs in cancer. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 681-694.	7.5	39
139	Insights into the Diverse Roles of miR-205 in Human Cancers. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 577-583.	1.2	39
140	Regulation of miRNAs by herbal medicine: An emerging field in cancer therapies. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 262-270.	5.6	38
141	COVID-19 Infection in Cancer Patients: How Can Oncologists Deal With These Patients?. <i>Frontiers in Oncology</i> , 2020, 10, 734.	2.8	38
142	Molecular beacon strategies for sensing purpose. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 134, 116143.	11.4	38
143	Inhibition of MEK/ERK1/2 Signaling Affects the Fatty Acid Composition of HepG2 Human Hepatic Cell Line. <i>BiolImpacts</i> , 2012, 2, 145-50.	1.5	38
144	Diagnostic and Prognostic Value of miR-205 in Colorectal Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 4033-4037.	1.2	38

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145	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
146	The role of innate lymphoid cells in health and disease. <i>Journal of Cellular Physiology</i> , 2018, 233, 4512-4529.	4.1	37
147	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
148	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
149	Arsenic Trioxide Promotes Paclitaxel Cytotoxicity in Resistant Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 5191-5197.	1.2	37
150	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
151	The effect of combined miR-200c replacement and cisplatin on apoptosis induction and inhibition of gastric cancer cell line migration. <i>Journal of Cellular Physiology</i> , 2019, 234, 22581-22592.	4.1	36
152	MicroRNA-193a and taxol combination: A new strategy for treatment of colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 1388-1399.	2.6	36
153	Induction of CD14 Expression and Differentiation to Monocytes or Mature Macrophages in Promyelocytic Cell Lines: New Approach. <i>Advanced Pharmaceutical Bulletin</i> , 2013, 3, 329-32.	1.4	36
154	Reduced ABCB1 Expression and Activity in the Presence of Acrylic Copolymers. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 219-24.	1.4	36
155	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
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