

Saeed Noorolyai

List of Publications by Year in descending order

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Version: 2024-02-01

458
papers

15,017
citations

28274

55
h-index

42399

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

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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 α 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

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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

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55	Comparison of confirmed <scp>COVID</scp>â€19 with <scp>SARS</scp> and <scp>MERS</scp> cases â€ Clinical characteristics, laboratory findings, radiographic signs and outcomes: A systematic review and metaâ€analysis. <i>Reviews in Medical Virology</i> , 2020, 30, e2112.	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 myeloidâ€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 acidâ€decorated liposomal nanoparticles for targeted delivery of 5â€fluorouracil into HTâ€29 colorectal cancer cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 6817-6830.	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

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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

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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 α /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 γ -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 α -positive breast cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 16043-16053.	4.1	41

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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

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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

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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	Troxerutin 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
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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
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