

# Nehad M Alajezi

## List of Publications by Citations

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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.

92  
papers

3,077  
citations

30  
h-index

53  
g-index

102  
ext. papers

3,753  
ext. citations

6.3  
avg, IF

5.52  
L-index

#	Paper	IF	Citations
92	MiR-218 suppresses nasopharyngeal cancer progression through downregulation of survivin and the SLIT2-ROBO1 pathway. <i>Cancer Research</i> , <b>2011</b> , 71, 2381-91	10.1	228
91	MicroRNA-301 mediates proliferation and invasion in human breast cancer. <i>Cancer Research</i> , <b>2011</b> , 71, 2926-37	10.1	214
90	Circulating microRNAs in breast cancer: novel diagnostic and prognostic biomarkers. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e3045	9.8	196
89	MUC1 immunobiology: from discovery to clinical applications. <i>Advances in Immunology</i> , <b>2004</b> , 82, 249-93	5.6	179
88	Enhancer of Zeste homolog 2 (EZH2) is overexpressed in recurrent nasopharyngeal carcinoma and is regulated by miR-26a, miR-101, and miR-98. <i>Cell Death and Disease</i> , <b>2010</b> , 1, e85	9.8	137
87	Significance of Plk1 regulation by miR-100 in human nasopharyngeal cancer. <i>International Journal of Cancer</i> , <b>2010</b> , 126, 2036-48	7.5	98
86	microRNA-320/RUNX2 axis regulates adipocytic differentiation of human mesenchymal (skeletal) stem cells. <i>Cell Death and Disease</i> , <b>2014</b> , 5, e1499	9.8	97
85	microRNA expression profiling on individual breast cancer patients identifies novel panel of circulating microRNA for early detection. <i>Scientific Reports</i> , <b>2016</b> , 6, 25997	4.9	81
84	Targeting uroporphyrinogen decarboxylase for head and neck cancer treatment. <i>BMC Proceedings</i> , <b>2013</b> , 7,	2.3	78
83	Significance of dysregulated metadherin and microRNA-375 in head and neck cancer. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 7539-50	12.9	75
82	Genome-wide mRNA and miRNA expression profiling reveal multiple regulatory networks in colorectal cancer. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1614	9.8	72
81	Lin28b promotes head and neck cancer progression via modulation of the insulin-like growth factor survival pathway. <i>Oncotarget</i> , <b>2012</b> , 3, 1641-52	3.3	67
80	Single-Cell Transcriptome Analysis Highlights a Role for Neutrophils and Inflammatory Macrophages in the Pathogenesis of Severe COVID-19. <i>Cells</i> , <b>2020</b> , 9,	7.9	65
79	Quantitative ultrasound characterization of cancer radiotherapy effects in vitro. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2008</b> , 72, 1236-43	4	65
78	MicroRNA-320 suppresses colorectal cancer by targeting SOX4, FOXM1, and FOXQ1. <i>Oncotarget</i> , <b>2016</b> , 7, 35789-35802	3.3	62
77	microRNAs as regulators of adipogenic differentiation of mesenchymal stem cells. <i>Stem Cells and Development</i> , <b>2015</b> , 24, 417-25	4.4	54
76	Targeted depletion of BMI1 sensitizes tumor cells to P53-mediated apoptosis in response to radiation therapy. <i>Cell Death and Differentiation</i> , <b>2009</b> , 16, 1469-79	12.7	53

75	MicroRNA-196b regulates the homeobox B7-vascular endothelial growth factor axis in cervical cancer. <i>PLoS ONE</i> , <b>2013</b> , 8, e67846	3.7	52
74	In vitro differentiation of human skin-derived multipotent stromal cells into putative endothelial-like cells. <i>BMC Developmental Biology</i> , <b>2012</b> , 12, 7	3.1	50
73	MicroRNA-193b enhances tumor progression via down regulation of neurofibromin 1. <i>PLoS ONE</i> , <b>2013</b> , 8, e53765	3.7	50
72	Protein Coding and Long Noncoding RNA (lncRNA) Transcriptional Landscape in SARS-CoV-2 Infected Bronchial Epithelial Cells Highlight a Role for Interferon and Inflammatory Response. <i>Genes</i> , <b>2020</b> , 11,	4.2	48
71	Transgelin is a TGFβ-inducible gene that regulates osteoblastic and adipogenic differentiation of human skeletal stem cells through actin cytoskeleton organization. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2321	9.8	47
70	SOX4: Epigenetic regulation and role in tumorigenesis. <i>Seminars in Cancer Biology</i> , <b>2020</b> , 67, 91-104	12.7	43
69	Rapid Biological Synthesis of Silver Nanoparticles Using Plant Seed Extracts and Their Cytotoxicity on Colorectal Cancer Cell Lines. <i>Journal of Cluster Science</i> , <b>2017</b> , 28, 595-605	3	39
68	Long non-coding RNA (lncRNA) transcriptional landscape in breast cancer identifies LINC01614 as non-favorable prognostic biomarker regulated by TGFβ and focal adhesion kinase (FAK) signaling. <i>Cell Death Discovery</i> , <b>2019</b> , 5, 109	6.9	38
67	Therapeutic potential of a tumor-specific, MHC-unrestricted T-cell receptor expressed on effector cells of the innate and the adaptive immune system through bone marrow transduction and immune reconstitution. <i>Blood</i> , <b>2005</b> , 105, 4583-9	2.2	37
66	Pleiotropic effects of cancer cells secreted factors on human stromal (mesenchymal) stem cells. <i>Stem Cell Research and Therapy</i> , <b>2013</b> , 4, 114	8.3	36
65	PD-L1 Blockade by Atezolizumab Downregulates Signaling Pathways Associated with Tumor Growth, Metastasis, and Hypoxia in Human Triple Negative Breast Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	33
64	Efficacy of combining GMX1777 with radiation therapy for human head and neck carcinoma. <i>Clinical Cancer Research</i> , <b>2010</b> , 16, 898-911	12.9	33
63	Therapeutic efficacy of seliciclib in combination with ionizing radiation for human nasopharyngeal carcinoma. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 3716-24	12.9	31
62	Molecular profiling of ALDH1 colorectal cancer stem cells reveals preferential activation of MAPK, FAK, and oxidative stress pro-survival signalling pathways. <i>Oncotarget</i> , <b>2018</b> , 9, 13551-13564	3.3	30
61	Noncoding RNAs as potential mediators of resistance to cancer immunotherapy. <i>Seminars in Cancer Biology</i> , <b>2020</b> , 65, 65-79	12.7	28
60	Bone morphogenetic protein 2 (BMP2) induces growth suppression and enhances chemosensitivity of human colon cancer cells. <i>Cancer Cell International</i> , <b>2016</b> , 16, 77	6.4	27
59	Transcriptomic profiling disclosed the role of DNA methylation and histone modifications in tumor-infiltrating myeloid-derived suppressor cell subsets in colorectal cancer. <i>Clinical Epigenetics</i> , <b>2020</b> , 12, 13	7.7	26
58	Local radiotherapy induces homing of hematopoietic stem cells to the irradiated bone marrow. <i>Cancer Research</i> , <b>2007</b> , 67, 10112-6	10.1	26

57	Uroporphyrinogen decarboxylase is a radiosensitizing target for head and neck cancer. <i>Science Translational Medicine</i> , <b>2011</b> , 3, 67ra7	17.5	25
56	An increase in cellular size variance contributes to the increase in ultrasound backscatter during cell death. <i>Ultrasound in Medicine and Biology</i> , <b>2010</b> , 36, 1546-58	3.5	25
55	Integrated Transcriptome and Pathway Analyses Revealed Multiple Activated Pathways in Breast Cancer. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 910	5.3	24
54	MicroRNA-4739 regulates osteogenic and adipocytic differentiation of immortalized human bone marrow stromal cells via targeting LRP3. <i>Stem Cell Research</i> , <b>2017</b> , 20, 94-104	1.6	23
53	CDH1 and IL1-beta expression dictates FAK and MAPKK-dependent cross-talk between cancer cells and human mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 135	8.3	23
52	CUDC-907 Promotes Bone Marrow Adipocytic Differentiation Through Inhibition of Histone Deacetylase and Regulation of Cell Cycle. <i>Stem Cells and Development</i> , <b>2017</b> , 26, 353-362	4.4	21
51	Epigenetic Library Screen Identifies Abexinostat as Novel Regulator of Adipocytic and Osteoblastic Differentiation of Human Skeletal (Mesenchymal) Stem Cells. <i>Stem Cells Translational Medicine</i> , <b>2016</b> , 5, 1036-47	6.9	21
50	TGF1-Induced Differentiation of Human Bone Marrow-Derived MSCs Is Mediated by Changes to the Actin Cytoskeleton. <i>Stem Cells International</i> , <b>2018</b> , 2018, 6913594	5	21
49	Transcriptomic Analyses Revealed Systemic Alterations in Gene Expression in Circulation and Tumor Microenvironment of Colorectal Cancer Patients. <i>Cancers</i> , <b>2019</b> , 11,	6.6	19
48	Single-cell long noncoding RNA (lncRNA) transcriptome implicates MALAT1 in triple-negative breast cancer (TNBC) resistance to neoadjuvant chemotherapy. <i>Cell Death Discovery</i> , <b>2021</b> , 7, 23	6.9	19
47	Integrated Study of Globally Expressed microRNAs in IL-1 $\beta$ -stimulated Human Osteoarthritis Chondrocytes and Osteoarthritis Relevant Genes: A Microarray and Bioinformatics Analysis. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2016</b> , 35, 335-55	1.4	18
46	Imaging the modulation of adenoviral kinetics and biodistribution for cancer gene therapy. <i>Molecular Therapy</i> , <b>2007</b> , 15, 921-9	11.7	17
45	Efficacy of systemically administered mutant vesicular stomatitis virus (VSVDelta51) combined with radiation for nasopharyngeal carcinoma. <i>Clinical Cancer Research</i> , <b>2008</b> , 14, 4891-7	12.9	16
44	Large-Scale Analysis of Gene Expression Data Reveals a Novel Gene Expression Signature Associated with Colorectal Cancer Distant Recurrence. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167455	3.7	16
43	Neoplastic Transformation of Human Mesenchymal Stromal Cells Mediated via LIN28B. <i>Scientific Reports</i> , <b>2019</b> , 9, 8101	4.9	15
42	Resveratrol inhibits adipocyte differentiation and cellular senescence of human bone marrow stromal stem cells. <i>Bone</i> , <b>2020</b> , 133, 115252	4.7	15
41	Oxygen-independent degradation of HIF-alpha via bioengineered VHL tumour suppressor complex. <i>EMBO Molecular Medicine</i> , <b>2009</b> , 1, 66-78	12	15
40	MicroRNA Expression Profiling on Paired Primary and Lymph Node Metastatic Breast Cancer Revealed Distinct microRNA Profile Associated With LNM. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 756	5.3	14

39	Significance of BMI1 and FSCN1 expression in colorectal cancer. <i>Saudi Journal of Gastroenterology</i> , <b>2016</b> , 22, 288-93	3	14
38	SERPINB2 is a novel TGFβ-responsive lineage fate determinant of human bone marrow stromal cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 10797	4.9	13
37	Pembrolizumab Interferes with the Differentiation of Human FOXP3-Induced T Regulatory Cells, but Not with FOXP3 Stability, through Activation of mTOR. <i>Journal of Immunology</i> , <b>2020</b> , 204, 199-211	5.3	13
36	Transcriptomic Profiling of Tumor-Infiltrating CD4 <sup>+</sup> TIM-3 <sup>+</sup> T Cells Reveals Their Suppressive, Exhausted, and Metastatic Characteristics in Colorectal Cancer Patients. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	12
35	Hedgehog Signaling Inhibition by Smoothed Antagonist BMS-833923 Reduces Osteoblast Differentiation and Ectopic Bone Formation of Human Skeletal (Mesenchymal) Stem Cells. <i>Stem Cells International</i> , <b>2019</b> , 2019, 3435901	5	11
34	CXCR7 signaling promotes breast cancer survival in response to mesenchymal stromal stem cell-derived factors. <i>Cell Death Discovery</i> , <b>2019</b> , 5, 87	6.9	10
33	Transgelin is a poor prognostic factor associated with advanced colorectal cancer (CRC) stage promoting tumor growth and migration in a TGFβ-dependent manner. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 341	9.8	10
32	Stem cell library screen identified ruxolitinib as regulator of osteoblastic differentiation of human skeletal stem cells. <i>Stem Cell Research and Therapy</i> , <b>2018</b> , 9, 319	8.3	10
31	Concurrent targeting of BMI1 and CDK4/6 abrogates tumor growth in vitro and in vivo. <i>Scientific Reports</i> , <b>2019</b> , 9, 13696	4.9	9
30	Enhanced vesicular stomatitis virus (VSVB1) targeting of head and neck cancer in combination with radiation therapy or ZD6126 vascular disrupting agent. <i>Cancer Cell International</i> , <b>2012</b> , 12, 27	6.4	9
29	Nuclear factor-Υ and Epstein Barr virus in nasopharyngeal cancer. <i>Clinical Cancer Research</i> , <b>2008</b> , 14, 984-990	4.9	9
28	Runt-related Transcription Factor 1 (RUNX1T1) Suppresses Colorectal Cancer Cells Through Regulation of Cell Proliferation and Chemotherapeutic Drug Resistance. <i>Anticancer Research</i> , <b>2016</b> , 36, 5257-5263	2.3	9
27	Notch Signaling Inhibition by LY411575 Attenuates Osteoblast Differentiation and Decreased Ectopic Bone Formation Capacity of Human Skeletal (Mesenchymal) Stem Cells. <i>Stem Cells International</i> , <b>2019</b> , 2019, 3041262	5	8
26	Enhanced efficacy of 5-fluorouracil in combination with a dual histone deacetylase and phosphatidylinositol 3-kinase inhibitor (CUDC-907) in colorectal cancer cells. <i>Saudi Journal of Gastroenterology</i> , <b>2017</b> , 23, 34-38	3	8
25	Epigenetic regulation of triple negative breast cancer (TNBC) by TGFβ signaling. <i>Scientific Reports</i> , <b>2021</b> , 11, 15410	4.9	8
24	Convergence of TGFβ and BMP signaling in regulating human bone marrow stromal cell differentiation. <i>Scientific Reports</i> , <b>2019</b> , 9, 4977	4.9	7
23	Computational and Transcriptome Analyses Revealed Preferential Induction of Chemotaxis and Lipid Synthesis by SARS-CoV-2. <i>Biology</i> , <b>2020</b> , 9,	4.9	7
22	RNA-Seq Analysis of Colorectal Tumor-Infiltrating Myeloid-Derived Suppressor Cell Subsets Revealed Gene Signatures of Poor Prognosis. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 604906	5.3	6

21	Multiple intracellular signaling pathways orchestrate adipocytic differentiation of human bone marrow stromal stem cells. <i>Bioscience Reports</i> , <b>2018</b> , 38,	4.1	6
20	Cancer stem cells. From characterization to therapeutic implications. <i>Journal of King Abdulaziz University, Islamic Economics</i> , <b>2011</b> , 32, 1229-34	1.1	6
19	Gene expression data analysis identifies multiple deregulated pathways in patients with asthma. <i>Bioscience Reports</i> , <b>2018</b> , 38,	4.1	5
18	Identification of PBMC-based molecular signature associational with COVID-19 disease severity. <i>Heliyon</i> , <b>2021</b> , 7, e06866	3.6	5
17	Gold-containing compound BDG-I inhibits the growth of A549 lung cancer cells through the deregulation of miRNA expression. <i>Saudi Pharmaceutical Journal</i> , <b>2018</b> , 26, 1035-1043	4.4	5
16	Transcriptional landscape associated with TNBC resistance to neoadjuvant chemotherapy revealed by single-cell RNA-seq. <i>Molecular Therapy - Oncolytics</i> , <b>2021</b> , 23, 151-162	6.4	5
15	Angiogenic Potential of Human Neonatal Foreskin Stromal Cells in the Chick Embryo Chorioallantoic Membrane Model. <i>Stem Cells International</i> , <b>2015</b> , 2015, 257019	5	4
14	Molecular subtyping and functional validation of TTK, TPX2, UBE2C, and LRP8 in sensitivity of TNBC to paclitaxel. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2021</b> , 20, 601-614	6.4	4
13	Romidepsin Promotes Osteogenic and Adipocytic Differentiation of Human Mesenchymal Stem Cells through Inhibition of Histone deacetylase Activity. <i>Stem Cells International</i> , <b>2018</b> , 2018, 2379546	5	3
12	Molecular Classification of Breast Cancer Utilizing Long Non-Coding RNA (lncRNA) Transcriptomes Identifies Novel Diagnostic lncRNA Panel for Triple-Negative Breast Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3
11	Transcriptomic Analyses of Myeloid-Derived Suppressor Cell Subsets in the Circulation of Colorectal Cancer Patients. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 1530	5.3	3
10	Transcriptional alterations of protein coding and noncoding RNAs in triple negative breast cancer in response to DNA methyltransferases inhibition. <i>Cancer Cell International</i> , <b>2021</b> , 21, 515	6.4	2
9	The effect of local breast radiotherapy on circulating CD34(+) cells. <i>Radiotherapy and Oncology</i> , <b>2011</b> , 100, 304-7	5.3	1
8	Cloning and expression of human membrane-bound and soluble engineered T cell receptors for immunotherapy. <i>Journal of Biomedicine and Biotechnology</i> , <b>2006</b> , 2006, 68091		1
7	Comprehensive Transcriptome and Pathway Analyses Revealed Central Role for Fascin in Promoting Triple-Negative Breast Cancer Progression.. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	1
6	Transcriptomic Profiling of Circulating HLA-DR Myeloid Cells, Compared with HLA-DR Myeloid Antigen-presenting Cells. <i>Immunological Investigations</i> , <b>2021</b> , 50, 952-963	2.9	1
5	MicroRNA-3148 acts as molecular switch promoting malignant transformation and adipocytic differentiation of immortalized human bone marrow stromal cells via direct targeting of the SMAD2/TGFβ pathway. <i>Cell Death Discovery</i> , <b>2020</b> , 6, 79	6.9	1
4	COVID-19: complexity of disease severity revealed by systemic and localized single cell immune atlas. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 156	21	1

3	Integrated whole transcriptome and small RNA analysis revealed multiple regulatory networks in colorectal cancer. <i>Scientific Reports</i> , <b>2021</b> , 11, 14456	4.9	1
2	Whole genome mRNA expression profiling revealed multiple deregulated pathways in stromal vascular fraction from erectile dysfunction patients. <i>Bioscience Reports</i> , <b>2018</b> , 38,	4.1	1
1	Identification of Novel Circulating miRNAs in Patients with Acute Ischemic Stroke.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1