

# Bahram M Soltani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8363057/publications.pdf>

Version: 2024-02-01

78  
papers

1,135  
citations

430754

18  
h-index

526166

27  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1596  
citing authors

#	ARTICLE	IF	CITATIONS
1	The conserved long non-coding RNA <i>CARMA</i> regulates cardiomyocyte differentiation. <i>Cardiovascular Research</i> , 2022, 118, 2339-2353.	1.8	7
2	Molecular and cellular evidence for hsa-miR-1254 suppressor effect against HER2 signaling in breast cancer. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 746-758.	1.2	4
3	OCC-1D regulates Wnt signaling pathway: potential role of long noncoding RNA in colorectal cancer. <i>Molecular Biology Reports</i> , 2022, , 1.	1.0	1
4	LINC02381-ceRNA exerts its oncogenic effect through regulation of IGF1R signaling pathway in glioma. <i>Journal of Neuro-Oncology</i> , 2022, 158, 1-13.	1.4	3
5	A Novel miRNA Located in the HER2 Gene Shows an Inhibitory Effect on Wnt Signaling and Cell Cycle Progression. <i>BioMed Research International</i> , 2022, 2022, 1-9.	0.9	1
6	The comparison and evaluation of the miR-16, miR-155 and miR-146a expression pattern in the blood of TB and NSCLC patients: A Research paper. <i>Gene Reports</i> , 2021, 22, 100967.	0.4	5
7	Introduction of hsa-miR-512-3p as a new regulator of HER2 signaling pathway in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2021, 185, 95-106.	1.1	6
8	Circular RNAs as potential theranostics in the cardiac fibrosis. <i>Heart Failure Reviews</i> , 2021, 26, 195-203.	1.7	20
9	The Highlighted Roles of Metabolic and Cellular Response to Stress Pathways Engaged in Circulating hsa-miR-494-3p and hsa-miR-661 in Alzheimer's Disease. <i>Iranian Biomedical Journal</i> , 2021, 25, 62-67.	0.4	9
10	Hsa-miR-186-5p regulates TGF $\beta$ 2 signaling pathway through expression suppression of SMAD6 and SMAD7 genes in colorectal cancer. <i>Biological Chemistry</i> , 2021, 402, 469-480.	1.2	18
11	Implication of TrkC-miR2 in neurotrophin signalling pathway regulation through NGFR transcript targeting. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 3381-3390.	1.6	2
12	LncRNAs in Cardiomyocyte Maturation: New Window for Cardiac Regenerative Medicine. <i>Non-coding RNA</i> , 2021, 7, 20.	1.3	6
13	Vitamin D changes expression of DNA repair genes in the patients with multiple sclerosis. <i>Gene</i> , 2021, 781, 145488.	1.0	8
14	Cell specific tumor suppressor effect of Hsa-miR-1226-3p through downregulation of HER2, PIK3R2, and AKT1 genes. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 134, 105965.	1.2	10
15	MiRNA-Wnt signaling regulatory network in colorectal cancer. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22883.	1.4	13
16	MicroRNA-331 inhibits isoproterenol-induced expression of profibrotic genes in cardiac myofibroblasts via the TGF $\beta$ 2/smad3 signaling pathway. <i>Scientific Reports</i> , 2021, 11, 2548.	1.6	3
17	Up-Regulation of in Glioblastoma Multiforme as A Regulator of and Signalling. <i>Cell Journal</i> , 2021, 23, 421-428.	0.2	0
18	Hsa-miR-6165 downregulates insulin-like growth factor-1 receptor (IGF-1R) expression and enhances apoptosis in SW480 cells. <i>Biological Chemistry</i> , 2020, 401, 477-485.	1.2	8

#	ARTICLE	IF	CITATIONS
19	A novel miRNA located in the GATA4 gene regulates the expression of IGF1R and AKT1/2 genes and controls cell proliferation. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 3438-3450.	1.2	3
20	Long Noncoding RNA LOC400043 (LINC02381) Inhibits Gastric Cancer Progression Through Regulating Wnt Signaling Pathway. <i>Frontiers in Oncology</i> , 2020, 10, 562253.	1.3	30
21	LOC646329 long non-coding RNA sponges miR-29b-1 and regulates TGF $\beta$ 2 signaling in colorectal cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 1205-1215.	1.2	12
22	Epigenetically silenced LINC02381 functions as a tumor suppressor by regulating PI3K-Akt signaling pathway. <i>Biochimie</i> , 2020, 171-172, 63-71.	1.3	27
23	Impacts of foliar exposure to multi-walled carbon nanotubes on physiological and molecular traits of <i>Salvia verticillata</i> L., as a medicinal plant. <i>Plant Physiology and Biochemistry</i> , 2020, 150, 27-38.	2.8	55
24	hsa-miR-766-5p as a new regulator of mitochondrial apoptosis pathway for discriminating of cell death from cardiac differentiation. <i>Gene</i> , 2020, 736, 144448.	1.0	7
25	Hsa-miR-3658 down-regulates OCT4 gene expression followed by suppressing SW480 cell proliferation and migration. <i>Biochemical Journal</i> , 2020, 477, 2281-2293.	1.7	3
26	Hsa-miR-587 Regulates TGF $\beta$ 2/SMAD Signaling and Promotes Cell Cycle Progression. <i>Cell Journal</i> , 2020, 22, 158-164.	0.2	6
27	Expression Alteration of Candidate Rice MiRNAs in Response to Sheath Blight Disease. <i>Iranian Journal of Biotechnology</i> , 2020, 18, e2451.	0.3	1
28	Induction of phenolic and flavonoid compounds in leaves of saffron ( <i>Crocus sativus</i> L.) by salicylic acid. <i>Scientia Horticulturae</i> , 2019, 257, 108751.	1.7	30
29	MicroRNA-326 Functions as a Tumor Suppressor in Breast Cancer by Targeting ErbB/PI3K Signaling Pathway. <i>Frontiers in Oncology</i> , 2019, 9, 653.	1.3	46
30	Hsa-miR-942 fingerprint in colorectal cancer through Wnt signaling pathway. <i>Gene</i> , 2019, 712, 143958.	1.0	15
31	Hsa-miR-335 regulates cardiac mesoderm and progenitor cell differentiation. <i>Stem Cell Research and Therapy</i> , 2019, 10, 191.	2.4	26
32	Hsa-miR-5195-3P induces downregulation of TGF $\beta$ 2R1, TGF $\beta$ 2R2, SMAD3 and SMAD4 supporting its tumor suppressive activity in HCT116 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 109, 1-7.	1.2	15
33	YWHAE long non-coding RNA competes with miR-323a-3p and miR-532-5p through activating K-Ras/Erk1/2 and PI3K/Akt signaling pathways in HCT116 cells. <i>Human Molecular Genetics</i> , 2019, 28, 3219-3231.	1.4	17
34	Nutrient sensing pathway genes expression dysregulated in patients with T2DM and coronary artery disease. <i>Diabetes Research and Clinical Practice</i> , 2019, 151, 39-45.	1.1	4
35	Regulatory effect of hsa-miR-5590-3P on TGF $\beta$ 2 signaling through targeting of TGF $\beta$ 2-R1, TGF $\beta$ 2-R2, SMAD3 and SMAD4 transcripts. <i>Biological Chemistry</i> , 2019, 400, 677-685.	1.2	9
36	TrkC-miR2 regulates TGF $\beta$ 2 signaling pathway through targeting of SMAD3 transcript. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 2634-2641.	1.2	8

#	ARTICLE	IF	CITATIONS
37	Hsa-miR-11181 regulates Wnt signaling pathway through targeting of APC2 transcripts in SW480 cell line. <i>Gene</i> , 2018, 641, 297-302.	1.0	10
38	Identification of a novel intergenic miRNA located between the human DDC and COBL genes with a potential function in cell cycle arrest. <i>Molecular and Cellular Biochemistry</i> , 2018, 444, 179-186.	1.4	11
39	Introduction of <i>hsa-miR-103a</i> and <i>hsa-miR-1827</i> and <i>hsa-miR-137</i> as new regulators of Wnt signaling pathway and their relation to colorectal carcinoma. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5104-5117.	1.2	45
40	A Predicted Molecular Model for Development of Human Intelligence. <i>Neurochemical Journal</i> , 2018, 12, 210-221.	0.2	0
41	Overexpressed in colorectal carcinoma gene (OCC-1) upregulation and APPL2 gene downregulation in breast cancer specimens. <i>Molecular Biology Reports</i> , 2018, 45, 1889-1895.	1.0	5
42	Hsa-miR-497 as a new regulator in TGF $\beta$ 2 signaling pathway and cardiac differentiation process. <i>Gene</i> , 2018, 675, 150-156.	1.0	14
43	Hsa-miR-5582-3P regulatory effect on TGF $\beta$ 2 signaling through targeting of TGF $\beta$ 1, TGF $\beta$ 2, SMAD3, and SMAD4 transcripts. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 9921-9930.	1.2	7
44	Manganese-induced changes in glandular trichomes density and essential oils production of <i>Mentha aquatica</i> L. at different growth stages. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 57-66.	1.5	10
45	Adipose Derived Stem Cells Affect miR-145 and p53 Expressions of Co-Cultured Hematopoietic Stem Cells. <i>Cell Journal</i> , 2018, 19, 654-659.	0.2	13
46	Association of ANRIL Expression with Coronary Artery Disease in Type 2 Diabetic Patients. <i>Cell Journal</i> , 2018, 20, 41-45.	0.2	20
47	Genetic Analysis of Iranian Patients with Familial Hypercholesterolemia. <i>Iranian Biomedical Journal</i> , 2018, 22, 117-22.	0.4	7
48	Clinically Significant Dysregulation of and Expression in Patients with Surgically Resected Non-Small Cell Lung Cancer. <i>Avicenna Journal of Medical Biotechnology</i> , 2018, 10, 98-104.	0.2	20
49	Identifying microRNAs relating to morphine response in BE(2)-C cell line by microRNA profiling. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2017, 87, 299-305.	0.4	0
50	A novel microRNA located in the TrkC gene regulates the Wnt signaling pathway and is differentially expressed in colorectal cancer specimens. <i>Journal of Biological Chemistry</i> , 2017, 292, 7566-7577.	1.6	22
51	Introduction of novel splice variants for CASC18 gene and its relation to the neural differentiation. <i>Gene</i> , 2017, 603, 27-33.	1.0	7
52	Alternative splicing of the <i>OCC-1</i> gene generates three splice variants and a novel exonic microRNA, which regulate the Wnt signaling pathway. <i>Rna</i> , 2017, 23, 70-85.	1.6	23
53	Overexpression of hsa-miR-939 follows by NGFR down-regulation and apoptosis reduction. <i>Journal of Biosciences</i> , 2017, 42, 23-30.	0.5	5
54	<i>Bacillus subtilis</i> affects miRNAs and flavanoids production in <i>Agrobacterium</i> -Tobacco interaction. <i>Plant Physiology and Biochemistry</i> , 2017, 118, 98-106.	2.8	13

#	ARTICLE	IF	CITATIONS
55	Novel variant of OCT4B4 is differentially expressed in human embryonic stem and embryonic carcinoma cells. <i>Gene</i> , 2017, 627, 369-372.	1.0	10
56	Expression and Function of hsa-miR-6165 in Human Cell Lines and During the NT2 Cell Neural Differentiation Process. <i>Journal of Molecular Neuroscience</i> , 2017, 63, 254-266.	1.1	10
57	OCT4B2, a novel alternative spliced variant of OCT4, is significantly upregulated under heat-stress condition and downregulated in differentiated cells. <i>Tumor Biology</i> , 2017, 39, 101042831772428.	0.8	11
58	Physiological, biochemical and molecular responses of <i>Mentha aquatica</i> L. to manganese. <i>Plant Physiology and Biochemistry</i> , 2017, 120, 202-212.	2.8	14
59	Up-Regulation of and Is Associated with The Progression of Gastric-Type Adenocarcinoma. <i>Cell Journal</i> , 2017, 19, 66-71.	0.2	3
60	A Novel Variant of Entitled OCT4B3 is Expressed in Human Bladder Cancer and Astrocytoma Cell Lines. <i>Avicenna Journal of Medical Biotechnology</i> , 2017, 9, 142-145.	0.2	6
61	Alternative Splicing Generates Different 5' UTRs in OCT4B Variants. <i>Avicenna Journal of Medical Biotechnology</i> , 2017, 9, 201-204.	0.2	6
62	Aberrant Expression of Breast Development-Related MicroRNAs, miR-22, miR-132, and miR-212, in Breast Tumor Tissues. <i>Journal of Breast Cancer</i> , 2016, 19, 148.	0.8	46
63	Experimental evidences for hsa-miR-497-5p as a negative regulator of SMAD3 gene expression. <i>Gene</i> , 2016, 586, 216-221.	1.0	28
64	Experimental verification of a predicted novel microRNA located in human PIK3CA gene with a potential oncogenic function in colorectal cancer. <i>Tumor Biology</i> , 2016, 37, 14089-14101.	0.8	11
65	Antioxidant activity and gene expression associated with cadmium toxicity in wheat affected by mycorrhizal fungus. <i>Zemdirbyste</i> , 2016, 103, 53-60.	0.3	20
66	Hsa-miR-590-5p Interaction with SMAD3 Transcript Supports Its Regulatory Effect on The TGF $\beta$ <sup>2</sup> Signaling Pathway. <i>Cell Journal</i> , 2016, 18, 7-12.	0.2	11
67	Differential Expression of OCT4 Pseudogenes in Pluripotent and Tumor Cell Lines. <i>Cell Journal</i> , 2016, 18, 28-36.	0.2	25
68	Experimental verification of a conserved intronic microRNA located in the human TrkC gene with a cell type-dependent apoptotic function. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 2613-2625.	2.4	20
69	A Magnaporthe Avr-pita gene orthologous in <i>Rhizoctonia solani</i> AG1-IA shows characteristics of an effector protein. <i>Australasian Plant Pathology</i> , 2015, 44, 567-574.	0.5	1
70	Inhibitory Effect of Hsa-miR-590-5p on Cardiosphere-derived Stem Cells Differentiation Through Downregulation of TGF $\beta$ Signaling. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 179-191.	1.2	36
71	6-Methoxy Podophyllotoxin Induces Apoptosis via Inhibition of TUBB3 and TOP2A Gene Expressions in 5637 and K562 Cancer Cell Lines. <i>Cell Journal</i> , 2015, 17, 502-9.	0.2	3
72	Effect of lead treatment on medicarpin accumulation and on the gene expression of key enzymes involved in medicarpin biosynthesis in <i>Medicago sativa</i> L. <i>Environmental Science and Pollution Research</i> , 2014, 21, 14091-14098.	2.7	10

#	ARTICLE	IF	CITATIONS
73	Diversity of the ectoines biosynthesis genes in the salt tolerant <i>Streptomyces</i> and evidence for inductive effect of ectoines on their accumulation. <i>Microbiological Research</i> , 2014, 169, 699-708.	2.5	38
74	Taxonomic study of a salt tolerant <i>Streptomyces</i> sp. strain C-2012 and the effect of salt and ectoine on lon expression level. <i>Microbiological Research</i> , 2014, 169, 232-238.	2.5	17
75	Therapeutic Efficacy of Silibinin on Human Neuroblastoma Cells: Akt and NF- $\kappa$ B Expressions May Play an Important Role in Silibinin-Induced Response. <i>Neurochemical Research</i> , 2012, 37, 2053-2063.	1.6	16
76	Experimental Verification of a Predicted Intronic MicroRNA in Human NGFR Gene with a Potential Pro-Apoptotic Function. <i>PLoS ONE</i> , 2012, 7, e35561.	1.1	29
77	Genetic analysis and epigenetic silencing of At4CL1 and At4CL2 expression in transgenic <i>Arabidopsis</i> . <i>Biotechnology Journal</i> , 2006, 1, 1124-1136.	1.8	8
78	Multiple cis-regulatory elements regulate distinct and complex patterns of developmental and wound-induced expression of <i>Arabidopsis thaliana</i> 4CL gene family members. <i>Planta</i> , 2006, 224, 1226-1238.	1.6	79