

Haleh Akhavan-Niaki

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,137
citations

257101

24
h-index

253896

43
g-index

77
all docs

77
docs citations

77
times ranked

3010
citing authors

#	ARTICLE	IF	CITATIONS
1	PI3k/AKT signaling pathway: Erythropoiesis and beyond. <i>Journal of Cellular Physiology</i> , 2019, 234, 2373-2385.	2.0	192
2	PI3K/AKT/mTOR signaling in gastric cancer: Epigenetics and beyond. <i>Life Sciences</i> , 2020, 262, 118513.	2.0	189
3	Thalassemia in Iran. <i>Journal of Pediatric Hematology/Oncology</i> , 2007, 29, 233-238.	0.3	181
4	DNA Methylation and Cancer Development: Molecular Mechanism. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 501-513.	0.9	120
5	LncRNAs as potential diagnostic and prognostic biomarkers in gastric cancer: A novel approach to personalized medicine. <i>Journal of Cellular Physiology</i> , 2020, 235, 3189-3206.	2.0	97
6	First comprehensive computational analysis of functional consequences of <i>TMPRSS2</i> SNPs in susceptibility to SARS-CoV-2 among different populations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 3576-3593.	2.0	82
7	Conicity Index and Waist-to-Hip Ratio Are Superior Obesity Indices in Predicting 10-Year Cardiovascular Risk Among Men and Women. <i>Clinical Cardiology</i> , 2015, 38, 527-534.	0.7	74
8	Hedgehog signaling pathway: Epigenetic regulation and role in disease and cancer development. <i>Journal of Cellular Physiology</i> , 2018, 233, 5726-5735.	2.0	69
9	Emerging role of IL-6 and NLRP3 inflammasome as potential therapeutic targets to combat COVID-19: Role of lncRNAs in cytokine storm modulation. <i>Life Sciences</i> , 2020, 257, 118114.	2.0	68
10	Molecular Insight in Gastric Cancer Induction: An Overview of Cancer Stemness Genes. <i>Cell Biochemistry and Biophysics</i> , 2014, 68, 463-473.	0.9	54
11	A comprehensive molecular characterization of beta thalassemia in a highly heterogeneous population. <i>Blood Cells, Molecules, and Diseases</i> , 2011, 47, 29-32.	0.6	53
12	Wnt signaling pathway in osteoporosis: Epigenetic regulation, interaction with other signaling pathways, and therapeutic promises. <i>Journal of Cellular Physiology</i> , 2019, 234, 14641-14650.	2.0	53
13	Cold Atmospheric Plasma Is a Potent Tool to Improve Chemotherapy in Melanoma In Vitro and In Vivo. <i>Biomolecules</i> , 2020, 10, 1011.	1.8	49
14	Antioxidant and Apoptotic Effects of an Aqueous Extract of <i>Urtica dioica</i> on the MCF-7 Human Breast Cancer Cell Line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 5317-5323.	0.5	47
15	Distribution of β^2 -Thalassemia Mutations in the Northern Provinces of Iran. <i>Hemoglobin</i> , 2007, 31, 351-356.	0.4	46
16	Purified sulforaphane from broccoli (<i>Brassica oleracea</i> var. <i>italica</i>) leads to alterations of CDX1 and CDX2 expression and changes in miR-9 and miR-326 levels in human gastric cancer cells. <i>Gene</i> , 2018, 678, 115-123.	1.0	40
17	Osteoporosis: A Silent Disease with Complex Genetic Contribution. <i>Journal of Genetics and Genomics</i> , 2016, 43, 49-61.	1.7	38
18	<i>CTNNBIP1</i> downregulation is associated with tumor grade and viral infections in gastric adenocarcinoma. <i>Journal of Cellular Physiology</i> , 2019, 234, 2895-2904.	2.0	32

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19	Prevalence of multiple infections and the risk of gastric adenocarcinoma development at earlier age. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 92, 62-68.	0.8	30
20	Short exposure to collagenase and coculture with mouse embryonic pancreas improve human dermal fibroblast culture. <i>Biotechnology and Applied Biochemistry</i> , 2012, 59, 254-261.	1.4	29
21	Interaction of sonic hedgehog (SHH) pathway with cancer stem cell genes in gastric cancer. <i>Medical Oncology</i> , 2015, 32, 48.	1.2	27
22	Epigenetic alterations of <i>CYLD</i> promoter modulate its expression in gastric adenocarcinoma: A footprint of infections. <i>Journal of Cellular Physiology</i> , 2019, 234, 4115-4124.	2.0	27
23	Comprehensive in silico identification of impacts of ACE2 SNPs on COVID-19 susceptibility in different populations. <i>Gene Reports</i> , 2021, 22, 100979.	0.4	26
24	A genetic variant in miRNA binding site of glutamate receptor 4, metabotropic (GRM4) is associated with increased risk of major depressive disorder. <i>Journal of Affective Disorders</i> , 2017, 208, 218-222.	2.0	25
25	Total Phenolic and Flavonoid Contents of Aqueous Extract of Stinging Nettle and In Vitro Antiproliferative Effect on Hela and BT-474 Cell Lines. <i>International Journal of Molecular and Cellular Medicine</i> , 2014, 3, 102-7.	1.1	25
26	The Genotoxic and Cytotoxic Effects of Bisphenol-A (BPA) in MCF-7 Cell Line and Amniocytes. <i>International Journal of Molecular and Cellular Medicine</i> , 2016, 5, 19-29.	1.1	25
27	Infection-associated epigenetic alterations in gastric cancer: New insight in cancer therapy. <i>Journal of Cellular Physiology</i> , 2018, 233, 9261-9270.	2.0	24
28	FAT4 hypermethylation and grade dependent downregulation in gastric adenocarcinoma. <i>Journal of Cell Communication and Signaling</i> , 2017, 11, 69-75.	1.8	23
29	DNA methyltransferases and gastric cancer: insight into targeted therapy. <i>Epigenomics</i> , 2018, 10, 1477-1497.	1.0	22
30	The analysis of association between SNCA, HUSEYO and CSMD1 gene variants and Parkinson's disease in Iranian population. <i>Neurological Sciences</i> , 2016, 37, 731-736.	0.9	20
31	Application of unique sequence index (USI) barcode to gene expression profiling in gastric adenocarcinoma. <i>Journal of Cell Communication and Signaling</i> , 2017, 11, 97-104.	1.8	20
32	CDX1/2 and KLF5 Expression and Epigenetic Modulation of Sonic Hedgehog Signaling in Gastric Adenocarcinoma. <i>Pathology and Oncology Research</i> , 2019, 25, 1215-1222.	0.9	20
33	Epigenetic changes of CDX2 in gastric adenocarcinoma. <i>Journal of Cell Communication and Signaling</i> , 2016, 10, 267-272.	1.8	17
34	Development of a Universal Taqman Probe for mRNA Gene Expression Analysis. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 363-370.	0.7	16
35	Hematologic features of alpha thalassemia carriers. <i>International Journal of Molecular and Cellular Medicine</i> , 2012, 1, 162-7.	1.1	16
36	Microtubule cytoskeleton and morphogenesis in the amoebae of the myxomycete <i>Physarum polycephalum</i> . <i>Biology of the Cell</i> , 1988, 63, 239-248.	0.7	15

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37	Support for "Disease-Only" Genotypes and Excess of Homozygosity at the CYTH4 Primate-Specific GTTT-Repeat in Schizophrenia. <i>Genetic Testing and Molecular Biomarkers</i> , 2017, 21, 485-490.	0.3	15
38	A Comprehensive Molecular Investigation of $\hat{\alpha}$ -Thalassemia in an Iranian Cohort from Different Provinces of North Iran. <i>Hemoglobin</i> , 2017, 41, 32-37.	0.4	14
39	Molecular effects and retinopathy induced by hydroxychloroquine during SARS-CoV-2 therapy: Role of CYP450 isoforms and epigenetic modulations. <i>European Journal of Pharmacology</i> , 2020, 886, 173454.	1.7	14
40	RNA Extraction from Animal and Human's Cancerous Tissues: Does Tissue Matter?. <i>International Journal of Molecular and Cellular Medicine</i> , 2015, 4, 54-9.	1.1	12
41	A bimetallic nanocomposite modified genosensor for recognition and determination of thalassemia gene. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 400-408.	3.6	11
42	Detecting Common CFTR Mutations by Reverse Dot Blot Hybridization Method in Cystic Fibrosis First Report from Northern Iran. <i>Iranian Journal of Pediatrics</i> , 2011, 21, 51-7.	0.1	11
43	Analysis of Two CDKN2B-AS Polymorphisms in Relation to Coronary Artery Disease Patients in North of Iran. <i>International Journal of Molecular and Cellular Medicine</i> , 2017, 6, 31-37.	1.1	11
44	Mutation and new polymorphisms insight in introns 11 to 14a of CFTR gene of northern Iranian cystic fibrosis patients. <i>Gene</i> , 2015, 564, 193-196.	1.0	10
45	Association of interleukin-6 (rs1800796) but not transforming growth factor beta 1 (rs1800469) with serum calcium levels in osteoporotic patients. <i>Gene</i> , 2018, 671, 21-27.	1.0	10
46	Association of sonic hedgehog signaling pathway genes IHH, BOC, RAB23a and MIR195-5p, MIR509-3-5p, MIR6738-3p with gastric cancer stage. <i>Scientific Reports</i> , 2021, 11, 7471.	1.6	10
47	Human PBMCs fight or flight response to starvation stress: Increased T-reg, FOXP3, and TGF- β 21 with decreased miR-21 and Constant miR-181c levels. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 1404-1411.	2.5	9
48	Informative combination of CLU rs11136000, serum HDL levels, diabetes, and age as a new piece of puzzle-picture of predictive medicine for cognitive disorders. <i>Molecular Biology Reports</i> , 2019, 46, 1033-1041.	1.0	9
49	Urtica dioica inhibits cell growth and induces apoptosis by targeting Ornithine decarboxylase and Adenosine deaminase as key regulatory enzymes in adenosine and polyamines homeostasis in human breast cancer cell lines. <i>Cellular and Molecular Biology</i> , 2018, 64, 97-102.	0.3	9
50	A specific haplotype in potential miRNAs binding sites of secreted frizzled-related protein 1 (SFRP1) is associated with BMD variation in osteoporosis. <i>Gene</i> , 2018, 677, 132-141.	1.0	8
51	Targeting LA7 breast cancer stem cells of rat through repressing the genes of stemness-related transcription factors using three different biological fluids. <i>Gene</i> , 2020, 734, 144381.	1.0	8
52	LINC02688 and PP7080 as novel biomarkers in early diagnosis of gastric cancer. <i>Non-coding RNA Research</i> , 2021, 6, 86-91.	2.4	8
53	Beta globin frameworks in thalassemia major patients from north iran. <i>Iranian Journal of Pediatrics</i> , 2012, 22, 297-302.	0.1	8
54	CFTR haplotypes in northern Iranian population. <i>Gene</i> , 2013, 512, 55-60.	1.0	7

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55	Insights into the Links between MYC and 3D Chromatin Structure and Epigenetics Regulation: Implications for Cancer Therapy. <i>Cancer Research</i> , 2021, 81, 1925-1936.	0.4	7
56	Urtica dioica Extract Inhibits Cell Proliferation and Induces Apoptosis in HepG2 and HTC116 as Gastrointestinal Cancer Cell Lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 963-969.	0.9	6
57	The Best Obesity Indices to Use in a Single Factor Model Indicating Metabolic Syndrome: a Population Based Study. <i>Archives of Iranian Medicine</i> , 2016, 19, 110-5.	0.2	6
58	Cytochrome P450 Genes (CYP2E1 and CYP1A1) Variants and Susceptibility to Chronic Hepatitis B Virus Infection. <i>Indian Journal of Clinical Biochemistry</i> , 2018, 33, 467-472.	0.9	5
59	RNA Sequencing of Early-Stage Gastric Adenocarcinoma Reveals Multiple Activated Pathways and Novel Long Non-Coding RNAs in Patient Tissue Samples. <i>Reports of Biochemistry and Molecular Biology</i> , 2021, 9, 478-489.	0.5	5
60	Polypeptides from the myxomycete <i>Physarum polycephalum</i> interacting in vitro with microtubules. <i>Cytoskeleton</i> , 1990, 17, 267-275.	4.4	4
61	IVSII-666 of Human Beta-Globin Gene: A Polymorphic Marker Linked to Codon 8(-AA) Mutation. <i>Genetic Testing and Molecular Biomarkers</i> , 2011, 15, 573-576.	0.3	4
62	The study of radiosensitivity in left handed compared to right handed healthy women. <i>BMC Medical Physics</i> , 2012, 12, 3.	2.4	4
63	Hb Knossos: HBB:c.82G>T Associated with HBB:c.315+1G>A Beta Zero Mutation Causes Thalassemia Intermedia. <i>Indian Journal of Hematology and Blood Transfusion</i> , 2014, 30, 243-245.	0.3	4
64	Molecular and clinical characterization of autoimmune polyendocrinopathy-candidiasis-ectodermal dystrophy syndrome (APECED) in Iranian non-Jewish patients: report of two novel AIRE gene pathogenic variants. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 10.	1.2	4
65	Simultaneous Detection of Hb Constant Spring ($\hat{\Gamma}$ \pm 142, TAA>CAA, $\hat{\Gamma}$ \pm 2) and The $\hat{\Gamma}$ \pm 2 IVS-I Donor Site ($\hat{\alpha}$ ^T TGAGG) Deletion by a Simple Polymerase Chain Reaction-Based Method in Iran. <i>Hemoglobin</i> , 2012, 36, 124-130.	0.4	3
66	Downregulation of Stemness Genes and Induction of Necrosis in Rat LA7 Cancer Stem Cells Induced Tumors Treated with Starved Fibroblasts Culture Supernatant. <i>Reports of Biochemistry and Molecular Biology</i> , 2021, 10, 105-118.	0.5	3
67	<i>Apple-Like Factor 1</i> Gene Mutations in Thalassemia Patients from North Iran: Report of a New Mutation Associated with $\hat{\Gamma}$ \pm -Thalassemia Intermedia. <i>Hemoglobin</i> , 2019, 43, 12-17.	0.4	2
68	Patients with Coronary Artery Disease Have Lower Levels of Antibody to Heat-Stressed Fibroblast Derived Proteins, versus Normal Subjects. <i>Cardiovascular Therapeutics</i> , 2021, 2021, 1-9.	1.1	2
69	No mitigation of IFN- $\hat{\Gamma}$ \pm and HLA class I expression in early sub-cultured human neonatal skin fibroblasts but both molecules are overexpressed in starved cells. <i>Gene Reports</i> , 2021, 23, 101085.	0.4	1
70	Interleukin 10, lipid profile, vitamin D, selenium, metabolic syndrome, and serum antioxidant capacity in elderly people with and without cardiovascular disease: Amirkola health and ageing project cohort-based study. <i>ARYA Atherosclerosis</i> , 2019, 15, 233-240.	0.4	1
71	Identification of a Rare $\hat{\Gamma}$ \pm -Thalassemia Mutation, Codon 54 ($\hat{\alpha}$ ^T) (HBB: c.165delT) in an Iranian Family. <i>Hemoglobin</i> , 2015, 39, 445-447.	0.4	0
72	Coinheritance of Sicilian ($\hat{\Gamma}$ \pm)-Thalassemia and Two Rare Hemoglobin Variants: A Complex Case of Hemoglobinopathy. <i>Indian Journal of Clinical Biochemistry</i> , 2018, 33, 231-234.	0.9	0

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73	First Report of Association Between Rare $\hat{\alpha}$ -Thalassemia Mutation (HBA1: c.298A>T) and Hb Fontainebleau (HBA2: c.64G>C). Indian Journal of Clinical Biochemistry, 2019, 34, 115-117.	0.9	0
74	A deletion mutation along with a novel DNA variation in OCRL cause Lowe syndrome in a child with multiple secondary manifestations. International Journal of Ophthalmology, 2021, 14, 636-638.	0.5	0
75	Impact of new UK (B.1.1.7) SARS-Cov-2 variant on interacting with ACE2 and host immune response. Gene Reports, 2021, 25, 101342.	0.4	0
76	Analysis of c.3499+200TA(7_56) and D7S523 Microsatellites Linked to Cystic Fibrosis Transmembrane Regulator. International Journal of Molecular and Cellular Medicine, 2012, 1, 113-8.	1.1	0