Mohammad R Abbaszadegan

List of Publications by Year
in descending order

116 papers	1,739 citations	257101 24 h-index	360668 35 g-index
123 all docs	123 docs citations	123 times ranked	2391 citing authors

#	Article	IF	Citations
1	Isolation, identification, and characterization of cancer stem cells: A review. Journal of Cellular Physiology, 2017, 232, 2008-2018.	2.0	157
2	Stemness state regulators SALL4 and SOX2 are involved in progression and invasiveness of esophageal squamous cell carcinoma. Medical Oncology, 2014, 31, 922.	1.2	81
3	p16 promoter hypermethylation: A useful serum marker for early detection of gastric cancer. World Journal of Gastroenterology, 2008, 14, 2055.	1.4	79
4	Ovarian cancer stem cells and targeted therapy. Journal of Ovarian Research, 2019, 12, 120.	1.3	70
5	Prevalence of Human T-Lymphotropic Virus Type 1 among Blood Donors from Mashhad, Iran. Journal of Clinical Microbiology, 2003, 41, 2593-2595.	1.8	66
6	Integration analysis of long non-coding RNA (lncRNA) role in tumorigenesis of colon adenocarcinoma. BMC Medical Genomics, 2020, 13, 108.	0.7	52
7	Correlation of Wnt and NOTCH pathways in esophageal squamous cell carcinoma. Journal of Cell Communication and Signaling, 2016, 10, 129-135.	1.8	47
8	Stool-based DNA testing, a new noninvasive method for colorectal cancer screening, the first report from Iran. World Journal of Gastroenterology, 2007, 13, 1528.	1.4	40
9	WNT and NOTCH signaling pathways as activators for epidermal growth factor receptor in esophageal squamous cell carcinoma. Cellular and Molecular Biology Letters, 2018, 23, 42.	2.7	39
10	Chromosomal analysis of couples with repeated spontaneous abortions in northeastern iran. International Journal of Fertility & Sterility, 2015, 9, 47-54.	0.2	39
11	TWIST1 upregulates the MAGEA4 oncogene. Molecular Carcinogenesis, 2017, 56, 877-885.	1.3	32
12	Cytokine networks and their association with Helicobacter pylori infection in gastric carcinoma. Journal of Cellular Physiology, 2018, 233, 2791-2803.	2.0	32
13	Effects of selective serotonin reuptake inhibitors on DNA damage in patients with depression. Journal of Psychopharmacology, 2019, 33, 1364-1376.	2.0	32
14	Role of MAML1 in targeted therapy against the esophageal cancer stem cells. Journal of Translational Medicine, 2019, 17, 126.	1.8	32
15	Mechanisms of long nonâ€coding RNA function in colorectal cancer tumorigenesis. Asia-Pacific Journal of Clinical Oncology, 2021, 17, 7-23.	0.7	32
16	Role of Msi1 and MAML1 in Regulation of Notch Signaling Pathway in Patients with Esophageal Squamous Cell Carcinoma. Journal of Gastrointestinal Cancer, 2015, 46, 365-369.	0.6	29
17	Role of Msi1 and PYGO2 in esophageal squamous cell carcinoma depth of invasion. Journal of Cell Communication and Signaling, 2016, 10, 49-53.	1.8	29
18	Predicting the molecular role of MEIS1 in esophageal squamous cell carcinoma. Tumor Biology, 2016, 37, 1715-1725.	0.8	29

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19	ErbB1 and ErbB3 co-over expression as a prognostic factor in gastric cancer. Biological Research, 2019, 52, 2.	1.5	29
20	Molecular Signaling in Tumorigenesis of Gastric Cancer. Iranian Biomedical Journal, 2018, 22, 217-30.	0.4	27
21	miRNA-Related Polymorphisms in miR-423 (rs6505162) and PEX6 (rs1129186) and Risk of Esophageal Squamous Cell Carcinoma in an Iranian Cohort. Genetic Testing and Molecular Biomarkers, 2017, 21, 382-390.	0.3	26
22	The association between serum irisin levels and cardiovascular disease in diabetic patients. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 786-790.	1.8	26
23	Variation in the miRNA-433 binding site of FGF20 is a risk factor for Parkinson's disease in Iranian population. Journal of the Neurological Sciences, 2015, 355, 72-74.	0.3	25
24	Correlation Between Meis1 and Msi1 in Esophageal Squamous Cell Carcinoma. Journal of Gastrointestinal Cancer, 2016, 47, 273-277.	0.6	25
25	Familial Esophageal Squamous Cell Carcinoma with damaging rare/germline mutations in KCNJ12/KCNJ18 and GPRIN2 genes. Cancer Genetics, 2018, 221, 46-52.	0.2	20
26	Ectopic expression of TWIST1 upregulates the stemness marker OCT4 in the esophageal squamous cell carcinoma cell line KYSE30. Cellular and Molecular Biology Letters, 2017, 22, 33.	2.7	19
27	Induction of T cell-mediated immune response by dendritic cells pulsed with mRNA of sphere-forming cells isolated from patients with gastric cancer. Life Sciences, 2019, 219, 136-143.	2.0	19
28	SOX1 is correlated to stemness state regulator SALL4 through progression and invasiveness of esophageal squamous cell carcinoma. Gene, 2016, 594, 171-175.	1.0	18
29	In silico dissection of miRNA targetome polymorphisms and their role in regulating miRNA-mediated gene expression in esophageal cancer. Cell Biochemistry and Biophysics, 2016, 74, 483-497.	0.9	18
30	Linc-ROR and its spliced variants 2 and 4 are significantly up-regulated in esophageal squamous cell carcinoma. Iranian Journal of Basic Medical Sciences, 2016, 19, 1131-1135.	1.0	18
31	Psychosexual Outcome Among Iranian Individuals with 5Î±-Reductase Deficiency Type 2 and Its Relationship with Parental Sexism. Journal of Sexual Medicine, 2016, 13, 1629-1641.	0.3	17
32	Homozygous Null TBX4 Mutations Lead to Posterior Amelia with Pelvic and Pulmonary Hypoplasia. American Journal of Human Genetics, 2019, 105, 1294-1301.	2.6	17
33	Sexual orientation and medical history among Iranian people with Complete Androgen Insensitivity Syndrome and Congenital Adrenal Hyperplasia. Journal of Psychosomatic Research, 2017, 92, 55-62.	1.2	16
34	Negative Regulatory Role of TWIST1 on SNAIL Gene Expression. Pathology and Oncology Research, 2017, 23, 85-90.	0.9	16
35	Contribution of KCTD12 to esophageal squamous cell carcinoma. BMC Cancer, 2018, 18, 853.	1.1	16
36	Correlation between the immune checkpoints and EMT genes proposes potential prognostic and therapeutic targets in ESCC. Journal of Molecular Histology, 2021, 52, 597-609.	1.0	16

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37	Role of MAML1 and MEIS1 in Esophageal Squamous Cell Carcinoma Depth of Invasion. Pathology and Oncology Research, 2018, 24, 245-250.	0.9	15
38	Novel mutations and their genotype-phenotype correlations in patients with Noonan syndrome, using next-generation sequencing. Advances in Medical Sciences, 2018, 63, 87-93.	0.9	15
39	Two novel mutations in CYP11B1 and modeling the consequent alterations of the translated protein in classic congenital adrenal hyperplasia patients. Endocrine, 2013, 44, 212-219.	1.1	14
40	Protein modeling of cathepsin C mutations found in Papillonâ€“LefÃ¨vre syndrome. Gene, 2014, 538, 182-187.	1.0	14
41	MAML1 promotes ESCC aggressiveness through upregulation of EMT marker TWIST1. Molecular Biology Reports, 2020, 47, 2659-2668.	1.0	14
42	MAML1 regulates EMT markers expression through NOTCH-independent pathway in breast cancer cell line MCF7. Biochemical and Biophysical Research Communications, 2019, 510, 376-382.	1.0	13
43	Novel DNA variation of GPR54 gene in familial central precocious puberty. Italian Journal of Pediatrics, 2019, 45, 10.	1.0	13
44	Linkage between EMT and stemness state through molecular association between TWIST1 and NY-ESO1 in esophageal squamousÂcell carcinoma. Biochimie, 2019, 163, 84-93.	1.3	12
45	MEIS1 knockdown may promote differentiation of esophageal squamous carcinoma cell line KYSEâ€30. Molecular Genetics & Genomic Medicine, 2019, 7, e00746.	0.6	12
46	Crosstalk between MMP-13, CD44, and TWIST1 and its role in regulation of EMT in patients with esophageal squamous cell carcinoma. Molecular and Cellular Biochemistry, 2021, 476, 2465-2478.	1.4	12
47	Predicting the Correlation of EZH2 and Cancer Stem Cell Markers in Esophageal Squamous Cell Carcinoma. Journal of Gastrointestinal Cancer, 2018, 49, 437-441.	0.6	11
48	Isolation and identification of chemotherapy-enriched sphere-forming cells from a patient with gastric cancer. Journal of Cellular Physiology, 2018, 233, 7036-7046.	2.0	11
49	Childhood Sex-Typed Behavior and Gender Change in Individuals with 46,XY and 46,XX Disorders of Sex Development: An Iranian Multicenter Study. Archives of Sexual Behavior, 2018, 47, 2287-2298.	1.2	11
50	SOX2/SALL4 stemness axis modulates Notch signaling genes to maintain self-renewal capacity of esophageal squamous cell carcinoma. Molecular and Cellular Biochemistry, 2021, 476, 921-929.	1.4	11
51	MicroRNA-217: a therapeutic and diagnostic tumor marker. Expert Review of Molecular Diagnostics, 2022, 22, 61-76.	1.5	11
52	The Role of Interleukin-4 and 13 Gene Polymorphisms in Allergic Rhinitis: A Case Control Study. Reports of Biochemistry and Molecular Biology, 2019, 8, 111-118.	0.5	10
53	Expression analysis of matrix metalloproteinase-13 in human gastric cancer in the presence of Helicobacter Pylori infection. Cancer Biomarkers, 2017, 18, 349-356.	0.8	9
54	Role of Brg1 in progression of esophageal squamous cell carcinoma. Iranian Journal of Basic Medical Sciences, 2014, 17, 912-7.	1.0	9

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55	Rapid DNA extraction protocol from stool, suitable for molecular genetic diagnosis of colon cancer. Iranian Biomedical Journal, 2007, 11, 203-208.	0.4	9
56	Contribution of MAML1 in esophageal squamous cell carcinoma tumorigenesis. Annals of Diagnostic Pathology, 2017, 27, 79-82.	0.6	8
57	Crosstalk between SHH and stemness state signaling pathways in esophageal squamous cell carcinoma. Journal of Cell Communication and Signaling, 2017, 11, 147-153.	1.8	8
58	Role of extra cellular proteins in gastric cancer progression and metastasis: an update. Genes and Environment, 2020, 42, 18.	0.9	8
59	Genetically engineered mouse models of esophageal cancer. Experimental Cell Research, 2021, 406, 112757.	1.2	8
60	Biological and Clinicopathological Significance of Cripto-1 Expression in the Progression of Human ESCC. Reports of Biochemistry and Molecular Biology, 2017, 5, 83-90.	0.5	8
61	Identification of a novel deletion in the MMAA gene in two Iranian siblings with vitamin B12-responsive methylmalonic acidemia. Cellular and Molecular Biology Letters, 2016, 21, 4.	2.7	7
62	Suppression of dsRNA response genes and innate immunity following Oct4, Stella, and Nanos2 overexpression in mouse embryonic fibroblasts. Cytokine, 2018, 106, 1-11.	1.4	7
63	MAEL Cancer-Testis Antigen as a Diagnostic Marker in Primary Stages of Gastric Cancer with Helicobacter pylori Infection. Journal of Gastrointestinal Cancer, 2020, 51, 17-22.	0.6	7
64	Role of DIDO1 in Progression of Esophageal Squamous Cell Carcinoma. Journal of Gastrointestinal Cancer, 2020, 51, 83-87.	0.6	7
65	Interaction between LINC-ROR and Stemness State in Gastric Cancer Cells with Helicobacter pylori Infection. Iranian Biomedical Journal, 2021, 25, 157-168.	0.4	7
66	Investigation of melanoma-associated antigen A4 cancer/testis antigen clinical relevance in esophageal squamous cell carcinoma. Journal of Cancer Research and Therapeutics, 2018, 14, 1059-1064.	0.3	7
67	Contribution of EVX1 in Aggressiveness of Esophageal Squamous Cell Carcinoma. Pathology and Oncology Research, 2016, 22, 341-347.	0.9	6
68	Mutations in HNF1A Gene are not a Common Cause of Familial Young-Onset Diabetes in Iran. Indian Journal of Clinical Biochemistry, 2018, 33, 91-95.	0.9	6
69	Genetic and molecular origins of colorectal Cancer among the Iranians: an update. Diagnostic Pathology, 2018, 13, 97.	0.9	6
70	TWIST1, MMPâ€21, and HLAGâ€1 coâ€overexpression is associated with ESCC aggressiveness. Journal of Cellular Biochemistry, 2019, 120, 14838-14846.	1.2	6
71	Mutation Screening of KCNQ1 and KCNE1 Genes in Iranian Patients With Jervell and Lange-Nielsen Syndrome. Fetal and Pediatric Pathology, 2019, 38, 273-281.	0.4	6
72	Novel candidate genes may be possible predisposing factors revealed by whole exome sequencing in familial esophageal squamous cell carcinoma. Tumor Biology, 2017, 39, 101042831769911.	0.8	5

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73	Whole Exome Sequencing Reveals a Novel Damaging Mutation in Human Fibroblast Activation Protein in a Family with Esophageal Squamous Cell Carcinoma. Journal of Gastrointestinal Cancer, 2020, 51, 179-188.	0.6	5
74	Genetic and molecular biology of systemic lupus erythematosus among Iranian patients: an overview. Autoimmunity Highlights, 2021, 12, 2.	3.9	5
75	DNA damage in oral mucosa cells of patients with fixed orthodontic appliances. Journal of Dentistry of Tehran University of Medical Sciences, 2013, 10, 494-500.	0.4	5
76	Association of ADAM33 gene polymorphisms with allergic asthma. Iranian Journal of Basic Medical Sciences, 2014, 17, 716-21.	1.0	5
77	Expression analysis of CD44 isoforms S and V3, in patients with esophageal squamous cell carcinoma. Iranian Journal of Basic Medical Sciences, 2015, 18, 380-4.	1.0	5
78	Cardiac Tamponade: A Rare Manifestation of Familial Mediterranean Fever. Case Reports in Rheumatology, 2022, 2022, 1-5.	0.2	5
79	Four novel mutations of the BCKDHA, BCKDHB and DBT genes in Iranian patients with maple syrup urine disease. Journal of Pediatric Endocrinology and Metabolism, 2018, 31, 205-212.	0.4	4
80	Genetic and molecular bases of esophageal Cancer among Iranians: an update. Diagnostic Pathology, 2019, 14, 97.	0.9	4
81	Novel mutation in AIRE gene with autoimmune polyendocrine syndrome type 1. Immunobiology, 2019, 224, 728-733.	0.8	4
82	Mutation analysis of genes related to methylmalonic acidemia: identification of eight novel mutations. Molecular Biology Reports, 2019, 46, 271-285.	1.0	4
83	TWIST1 upregulates matrix metalloproteinase (MMP) genes family in esophageal squamous carcinoma cells. Gene Expression Patterns, 2020, 37, 119127.	0.3	4
84	GSTs polymorphisms are associated with epigenetic silencing of CDKN2A gene in esophageal squamous cell carcinoma. Environmental Science and Pollution Research, 2020, 27, 31269-31277.	2.7	4
85	Role of miRNA gene variants in the susceptibility and pharmacogenetics of colorectal cancer. Pharmacogenomics, 2021, 22, 303-318.	0.6	4
86	Primary Angle Closure Glaucoma-associated Genetic Polymorphisms in Northeast Iran. Journal of Ophthalmic and Vision Research, 2020, 15, 45-52.	0.7	4
87	Loss of heterozygosity and microsatellite instability as predictive markers among Iranian esophageal cancer patients. Iranian Journal of Basic Medical Sciences, 2016, 19, 726-33.	1.0	4
88	Elucidated tumorigenic role of MAML1 and TWIST1 in gastric cancer is associated with Helicobacter pylori infection. Microbial Pathogenesis, 2022, 162, 105304.	1.3	4
89	Promoter Hypermethylation of the Eyes Absent 4 Gene is a Tumor-Specific Epigenetic Biomarker in Iranian Colorectal Cancer Patients. Acta Medica Iranica, 2018, 56, 21-27.	0.8	4
90	In silico evidence of high frequency of miRNAâ€related SNPs in Esophageal Squamous Cell Carcinoma. Journal of Cellular Physiology, 2020, 235, 966-978.	2.0	3

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91	A Systematic Review on the Genotoxic Effects of Selective Serotonin Reuptake Inhibitors. Advances in Experimental Medicine and Biology, 2021, 1286, 115-124.	0.8	3
92	Gene Polymorphisms Associated with Allergic Rhinitis in an Iranian Population. Reports of Biochemistry and Molecular Biology, 2017, 5, 97-102.	0.5	3
93	Disease Biomarkers in Gastrointestinal Malignancies. Disease Markers, 2016, 2016, 1-3.	0.6	2
94	Presence of the RET Cys634Tyr mutation and Gly691Ser functional polymorphism in Iranian families with multiple endocrine neoplasia type 2A. Hormones, 2016, 15, 65-72.	0.9	2
95	Identification of four novel mutations of the WFS1 gene in Iranian Wolfram syndrome pedigrees. Acta Diabetologica, 2016, 53, 899-904.	1.2	2
96	Applying Subtractive Hybridization Technique to Enrich and Amplify Tumor-Specific Transcripts of Esophageal Squamous Cell Carcinoma. Pathology and Oncology Research, 2017, 23, 271-279.	0.9	2
97	Novel Deleterious Mutation in Steroid-5Î±-Reductase-2 in 46, XY Disorders of Sex Development: Case Report Study. Fetal and Pediatric Pathology, 2020, , 1-8.	0.4	2
98	A novel mutation in the cathepsin C (CTSC) gene in Iranian family with Papillonâ€Lefevre syndrome. Clinical and Experimental Dental Research, 2021, 7, 568-573.	0.8	2
99	Combination of Genetics and Nanotechnology for Down Syndrome Modification: A Potential Hypothesis and Review of the Literature. Iranian Journal of Public Health, 2019, 48, 371-378.	0.3	2
100	Kindlin1 As a Sex and Location Specific Diagnostic Marker in Gastric Cancer Patients. Iranian Journal of Pathology, 2022, 17, 23-28.	0.2	2
101	Long non-coding RNA AC087388.1 as a novel biomarker in colorectal cancer. BMC Cancer, 2022, 22, 196.	1.1	2
102	Biallelic Variants in the Ectonucleotidase <scp>ENTPD1</scp> Cause a Complex Neurodevelopmental Disorder with Intellectual Disability, Distinct White Matter Abnormalities, and Spastic Paraplegia. Annals of Neurology, 2022, 92, 304-321.	2.8	2
103	MAEL as a diagnostic marker for the early detection of esophageal squamous cell carcinoma. Diagnostic Pathology, 2021, 16, 36.	0.9	1
104	Methylation as a critical epigenetic process during tumor progressions among Iranian population: an overview. Genes and Environment, 2021, 43, 14.	0.9	1
105	Presence of the RET Cys634Tyr mutation and Gly691Ser functional polymorphism in Iranian families with multiple endocrine neoplasia type 2A. Hormones, 2015, 15, 65-72.	0.9	1
106	Inherited genetic markers for thrombophilia in northeastern Iran (a clinical-based report). Reports of Biochemistry and Molecular Biology, 2014, 2, 76-82.	0.5	1
107	Ectopic Expression of Human Gene in ESCC Cell Line Using Retroviral System. Avicenna Journal of Medical Biotechnology, 2018, 10, 75-82.	0.2	1
108	Rare gross deletion in T-cell immune regulator-1 gene in Iranian family with infantile malignant osteopetrosis. Journal of King Abdulaziz University, Islamic Economics, 2008, 29, 1494-6.	0.5	1

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109	Allogeneic tumor cell line-based vaccines: A good alternative to autologous and cancer stem cell vaccines in colorectal cancer.. Iranian Journal of Basic Medical Sciences, 2021, 24, 1231-1239.	1.0	1
110	Construction and Quantitative Evaluation of a Tissue-Specific Sleeping Beauty by EDL2-Specific Transposase Expression in Esophageal Squamous Carcinoma Cell Line KYSE-30. Molecular Biotechnology, 2023, 65, 350-360.	1.3	1
111	Withdrawal Notice: The Prognostic Value of Prognostic Biomarkers in Esophageal Squamous Cell Carcinoma in Iranian Population. Current Cancer Therapy Reviews, 2019, 15, .	0.2	0
112	Genotyping of ABCC8, KCNJ11, and HADH in Iranian Infants with Congenital Hyperinsulinism. Case Reports in Endocrinology, 2021, 2021, 1-6.	0.2	0
113	Single nucleotide polymorphisms as the efficient prognostic markers in breast cancer. Current Cancer Drug Targets, 2021, 21, .	0.8	0
114	The Level of Mesenchymal-Epithelial Transition Autophosphorylation is Correlated with Esophageal Squamous Cell Carcinoma Migration. Iranian Biomedical Journal, 2021, 25, 243-254.	0.4	0
115	Identification of Xq22.1-23 as a region linked with hereditary recurrent spontaneous abortion in a family. Iranian Journal of Reproductive Medicine, 2013, 11, 659-64.	0.8	0
116	Non-collagenous extracellular matrix protein dermatopontin may play a role as another component of transforming growth factor-Î² signaling pathway in colon carcinogenesis. Iranian Journal of Basic Medical Sciences, 2021, 24, 444-450.	1.0	0