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	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
2	Elucidated tumorigenic role of MAML1 and TWIST1 in gastric cancer is associated with Helicobacter pylori infection. Microbial Pathogenesis, 2022, 162, 105304.	1.3	4
3	Kindlin1 As a Sex and Location Specific Diagnostic Marker in Gastric Cancer Patients. Iranian Journal of Pathology, 2022, 17, 23-28.	0.2	2
4	Cardiac Tamponade: A Rare Manifestation of Familial Mediterranean Fever. Case Reports in Rheumatology, 2022, 2022, 1-5.	0.2	5
5	MicroRNA-217: a therapeutic and diagnostic tumor marker. Expert Review of Molecular Diagnostics, 2022, 22, 61-76.	1.5	11
6	Long non-coding RNA AC087388.1 as a novel biomarker in colorectal cancer. BMC Cancer, 2022, 22, 196.	1.1	2
7	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
8	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
9	Mechanisms of long nonâ€coding RNA function in colorectal cancer tumorigenesis. Asia-Pacific Journal of Clinical Oncology, 2021, 17, 7-23.	0.7	32
10	Genetic and molecular biology of systemic lupus erythematosus among Iranian patients: an overview. Autoimmunity Highlights, 2021, 12, 2.	3.9	5
11	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
12	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
13	MAEL as a diagnostic marker for the early detection of esophageal squamous cell carcinoma. Diagnostic Pathology, 2021, 16, 36.	0.9	1
14	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
15	Role of miRNA gene variants in the susceptibility and pharmacogenetics of colorectal cancer. Pharmacogenomics, 2021, 22, 303-318.	0.6	4
16	Methylation as a critical epigenetic process during tumor progressions among Iranian population: an overview. Genes and Environment, 2021, 43, 14.	0.9	1
17	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
18	Genotyping of ABCC8, KCNJ11, and HADH in Iranian Infants with Congenital Hyperinsulinism. Case Reports in Endocrinology, 2021, 2021, 1-6.	0.2	0

#	Article	IF	Citations
19	Single nucleotide polymorphisms as the efficient prognostic markers in breast cancer. Current Cancer Drug Targets, 2021, 21, .	0.8	0
20	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
21	Genetically engineered mouse models of esophageal cancer. Experimental Cell Research, 2021, 406, 112757.	1.2	8
22	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
23	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
24	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
25	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
26	Role of DIDO1 in Progression of Esophageal Squamous Cell Carcinoma. Journal of Gastrointestinal Cancer, 2020, 51, 83-87.	0.6	7
27	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
28	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
29	TWIST1 upregulates matrix metalloproteinase (MMP) genes family in esophageal squamous carcinoma cells. Gene Expression Patterns, 2020, 37, 119127.	0.3	4
30	Integration analysis of long non-coding RNA (lncRNA) role in tumorigenesis of colon adenocarcinoma. BMC Medical Genomics, 2020, 13, 108.	0.7	52
31	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
32	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
33	Role of extra cellular proteins in gastric cancer progression and metastasis: an update. Genes and Environment, 2020, 42, 18.	0.9	8
34	MAML1 promotes ESCC aggressiveness through upregulation of EMT marker TWIST1. Molecular Biology Reports, 2020, 47, 2659-2668.	1.0	14
35	Primary Angle Closure Glaucoma-associated Genetic Polymorphisms in Northeast Iran. Journal of Ophthalmic and Vision Research, 2020, 15, 45-52.	0.7	4
36	Genetic and molecular bases of esophageal Cancer among Iranians: an update. Diagnostic Pathology, 2019, 14, 97.	0.9	4

#	Article	IF	Citations
37	Effects of selective serotonin reuptake inhibitors on DNA damage in patients with depression. Journal of Psychopharmacology, 2019, 33, 1364-1376.	2.0	32
38	Novel mutation in AIRE gene with autoimmune polyendocrine syndrome type 1. Immunobiology, 2019, 224, 728-733.	0.8	4
39	Mutation analysis of genes related to methylmalonic acidemia: identification of eight novel mutations. Molecular Biology Reports, 2019, 46, 271-285.	1.0	4
40	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
41	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
42	MEIS1 knockdown may promote differentiation of esophageal squamous carcinoma cell line KYSEâ€30. Molecular Genetics & Genomic Medicine, 2019, 7, e00746.	0.6	12
43	TWIST1, MMPâ€21, and HLAGâ€1 coâ€overexpression is associated with ESCC aggressiveness. Journal of Cellular Biochemistry, 2019, 120, 14838-14846.	1.2	6
44	Role of MAML1 in targeted therapy against the esophageal cancer stem cells. Journal of Translational Medicine, 2019, 17, 126.	1.8	32
45	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
46	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
47	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
48	Ovarian cancer stem cells and targeted therapy. Journal of Ovarian Research, 2019, 12, 120.	1.3	70
49	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
50	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
51	Novel DNA variation of GPR54 gene in familial central precocious puberty. Italian Journal of Pediatrics, 2019, 45, 10.	1.0	13
52	ErbB1 and ErbB3 co-over expression as a prognostic factor in gastric cancer. Biological Research, 2019, 52, 2.	1.5	29
53	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
54	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

#	Article	IF	Citations
55	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
56	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
57	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
58	Role of MAML1 and MEIS1 in Esophageal Squamous Cell Carcinoma Depth of Invasion. Pathology and Oncology Research, 2018, 24, 245-250.	0.9	15
59	Cytokine networks and their association with Helicobacter pylori infection in gastric carcinoma. Journal of Cellular Physiology, 2018, 233, 2791-2803.	2.0	32
60	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
61	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
62	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
63	Genetic and molecular origins of colorectal Cancer among the Iranians: an update. Diagnostic Pathology, 2018, 13, 97.	0.9	6
64	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
65	Contribution of KCTD12 to esophageal squamous cell carcinoma. BMC Cancer, 2018, 18, 853.	1.1	16
66	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
67	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
68	Molecular Signaling in Tumorigenesis of Gastric Cancer. Iranian Biomedical Journal, 2018, 22, 217-30.	0.4	27
69	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
70	Ectopic Expression of Human Gene in ESCC Cell Line Using Retroviral System. Avicenna Journal of Medical Biotechnology, 2018, 10, 75-82.	0.2	1
71	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
72	Contribution of MAML1 in esophageal squamous cell carcinoma tumorigenesis. Annals of Diagnostic Pathology, 2017, 27, 79-82.	0.6	8

#	Article	IF	Citations
73	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
74	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
75	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
76	Isolation, identification, and characterization of cancer stem cells: A review. Journal of Cellular Physiology, 2017, 232, 2008-2018.	2.0	157
77	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
78	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
79	TWIST1 upregulates the MAGEA4 oncogene. Molecular Carcinogenesis, 2017, 56, 877-885.	1.3	32
80	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
81	Negative Regulatory Role of TWIST1 on SNAIL Gene Expression. Pathology and Oncology Research, 2017, 23, 85-90.	0.9	16
82	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
83	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
84	Gene Polymorphisms Associated with Allergic Rhinitis in an Iranian Population. Reports of Biochemistry and Molecular Biology, 2017, 5, 97-102.	0.5	3
85	Disease Biomarkers in Gastrointestinal Malignancies. Disease Markers, 2016, 2016, 1-3.	0.6	2
86	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
87	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
88	Correlation of Wnt and NOTCH pathways in esophageal squamous cell carcinoma. Journal of Cell Communication and Signaling, 2016, 10, 129-135.	1.8	47
89	Correlation Between Meis1 and Msi1 in Esophageal Squamous Cell Carcinoma. Journal of Gastrointestinal Cancer, 2016, 47, 273-277.	0.6	25
90	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

#	Article	IF	Citations
91	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
92	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
93	Identification of four novel mutations of the WFS1 gene in Iranian Wolfram syndrome pedigrees. Acta Diabetologica, 2016, 53, 899-904.	1.2	2
94	Contribution of EVX1 in Aggressiveness of Esophageal Squamous Cell Carcinoma. Pathology and Oncology Research, 2016, 22, 341-347.	0.9	6
95	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
96	Predicting the molecular role of MEIS1 in esophageal squamous cell carcinoma. Tumor Biology, 2016, 37, 1715-1725.	0.8	29
97	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
98	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
99	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
100	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
101	Chromosomal analysis of couples with repeated spontaneous abortions in northeastern iran. International Journal of Fertility & Sterility, 2015, 9, 47-54.	0.2	39
102	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
103	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
104	Protein modeling of cathepsin C mutations found in Papillonâ€“LefÃ¨vre syndrome. Gene, 2014, 538, 182-187.	1.0	14
105	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
106	Association of ADAM33 gene polymorphisms with allergic asthma. Iranian Journal of Basic Medical Sciences, 2014, 17, 716-21.	1.0	5
107	Role of Brg1 in progression of esophageal squamous cell carcinoma. Iranian Journal of Basic Medical Sciences, 2014, 17, 912-7.	1.0	9
108	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

#	Article	IF	Citations
109	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
110	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
111	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
112	p16 promoter hypermethylation: A useful serum marker for early detection of gastric cancer. World Journal of Gastroenterology, 2008, 14, 2055.	1.4	79
113	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
114	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
115	Rapid DNA extraction protocol from stool, suitable for molecular genetic diagnosis of colon cancer. Iranian Biomedical Journal, 2007, 11, 203-208.	0.4	9
116	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