Greater Middle East Variome Consortium

List of Publications by Citations

121 papers	1,975 citations	24 h-index	39 g-index
125 ext. papers	2,261 ext. citations	3.2 avg, IF	4.33 L-index

#	Paper	IF	Citations
121	Mitochondrial genomes of extinct aurochs survive in domestic cattle. *Current Biology*, **2008**, 18, R157-8	6.3	181
120	Mitochondrial genomes from modern horses reveal the major haplogroups that underwent domestication. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 2449-54	11.5	157
119	Mitochondrial DNA signals of late glacial recolonization of Europe from near eastern refugia. *American Journal of Human Genetics*, **2012**, 90, 915-24	11	123
118	Is Bax/Bcl-2 ratio considered as a prognostic marker with age and tumor location in colorectal cancer?. *Iranian Biomedical Journal*, **2015**, 19, 69-75	2	66
117	Ancient migratory events in the Middle East: new clues from the Y-chromosome variation of modern Iranians. *PLoS ONE*, **2012**, 7, e41252	3.7	65
116	Distinguishing the co-ancestries of haplogroup G Y-chromosomes in the populations of Europe and the Caucasus. *European Journal of Human Genetics*, **2012**, 20, 1275-82	5.3	57
115	Comprehensive study of mtDNA among Southwest Asian dogs contradicts independent domestication of wolf, but implies dog-wolf hybridization. *Ecology and Evolution*, **2011**, 1, 373-85	2.8	47
114	Homozygous missense mutation in fibulin-5 in an Iranian autosomal recessive cutis laxa pedigree and associated haplotype. *Journal of Investigative Dermatology*, **2006**, 126, 1506-9	4.3	46
113	Downregulation of miR-34a in breast tumors is not associated with either p53 mutations or promoter hypermethylation while it correlates with metastasis. *Medical Oncology*, **2013**, 30, 413	3.7	45
112	Huntington's disease and mitochondrial DNA deletions: event or regular mechanism for mutant huntingtin protein and CAG repeats expansion?!. *Cellular and Molecular Neurobiology*, **2007**, 27, 867-75	4.6	43
111	MTHFR polymorphisms and breast cancer risk. *Archives of Medical Science*, **2011**, 7, 134-7	2.9	42
110	Association between calcium-sensing receptor gene polymorphisms and recurrent calcium kidney stone disease: a comprehensive gene analysis. *Scandinavian Journal of Urology and Nephrology*, **2010**, 44, 406-12		38
109	Do haplogroups H and U act to increase the penetrance of Alzheimer's disease?. *Cellular and Molecular Neurobiology*, **2007**, 27, 329-34	4.6	37
108	Automatic sequencing of mitochondrial tRNA genes in patients with mitochondrial encephalomyopathy. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **1994**, 1226, 49-55	6.9	37
107	Complex I deficiency in Persian multiple sclerosis patients. *Journal of the Neurological Sciences*, **2006**, 243, 65-9	3.2	36
106	Complex I and ATP content deficiency in lymphocytes from Friedreich's ataxia. *Canadian Journal of Neurological Sciences*, **2009**, 36, 26-31	1	31
105	De novo mutation in the mitochondrial ATP synthase subunit 6 gene (T8993G) with rapid segregation resulting in Leigh syndrome in the offspring. *Human Genetics*, **1995**, 96, 290-4	6.3	31

104	High rate of mutation in mitochondrial DNA displacement loop region in human colorectal cancer. *Diseases of the Colon and Rectum*, **2009**, 52, 526-30	3.1	30
103	Analysis of HLA DR2&DQ6 (DRB1*1501, DQA1*0102, DQB1*0602) haplotypes in Iranian patients with multiple sclerosis. *Cellular and Molecular Neurobiology*, **2009**, 29, 109-14	4.6	29
102	Vitamin D receptor homozygote mutant tt and bb are associated with susceptibility to pulmonary tuberculosis in the Iranian population. *International Journal of Infectious Diseases*, **2010**, 14, e84-5	10.5	28
101	Atypical presentation of multisystem disorders in two girls with mitochondrial DNA deletions. *European Journal of Pediatrics*, **1995**, 154, 35-42	4.1	26
100	Two novel tyrosinase (TYR) gene mutations with pathogenic impact on oculocutaneous albinism type 1 (OCA1). *PLoS ONE*, **2014**, 9, e106656	3.7	25
99	Gene expression profiling of mitochondrial oxidative phosphorylation (OXPHOS) complex I in Friedreich ataxia (FRDA) patients. *PLoS ONE*, **2014**, 9, e94069	3.7	24
98	Beta-Thalassemia in Iran: new insight into the role of genetic admixture and migration. *Scientific World Journal, The*, **2012**, 2012, 635183	2.2	24
97	Delta mtDNA4977 is more common in non-tumoral cells from gastric cancer sample. *Archives of Medical Research*, **2006**, 37, 730-5	6.6	23
96	Sodium current and potassium transient outward current genes in Brugada syndrome: screening and bioinformatics. *Canadian Journal of Cardiology*, **2012**, 28, 196-200	3.8	19
95	Newborn screening using TREC/KREC assay for severe T and B cell lymphopenia in Iran. *Scandinavian Journal of Immunology*, **2018**, 88, e12699	3.4	19
94	The mitochondrial ATPase6 gene is more susceptible to mutation than the ATPase8 gene in breast cancer patients. *Cancer Cell International*, **2014**, 14, 21	6.4	18
93	Coding region analysis of vitamin D receptor gene and its association with active calcium stone disease. *Urological Research*, **2012**, 40, 35-40		18
92	Effects of miglustat on stabilization of neurological disorder in niemann-pick disease type C: Iranian pediatric case series. *Journal of Child Neurology*, **2013**, 28, 1599-606	2.5	18
91	The mitochondrial C16069T polymorphism, not mitochondrial D310 (D-loop) mononucleotide sequence variations, is associated with bladder cancer. *Cancer Cell International*, **2013**, 13, 120	6.4	18
90	No mitochondrial DNA deletions but more D-loop point mutations in repeated pregnancy loss. *Journal of Assisted Reproduction and Genetics*, **2010**, 27, 641-8	3.4	18
89	Identification and sizing of GAA trinucleotide repeat expansion, investigation for D-loop variations and mitochondrial deletions in Iranian patients with Friedreich's ataxia. *Mitochondrion*, **2006**, 6, 82-8	4.9	18
88	Prevalence of the CYP2C19*2 (681 G>A), *3 (636 G>A) and *17 (-806 C>T) alleles among an Iranian population of different ethnicities. *Molecular Medicine Reports*, **2018**, 17, 4195-4202	2.9	17
87	Is 8860 variation a rare polymorphism or associated as a secondary effect in HCM disease?. *Archives of Medical Science*, **2011**, 7, 242-6	2.9	17

86	Investigation on mitochondrial tRNA(Leu/Lys), NDI and ATPase 6/8 in Iranian multiple sclerosis patients. *Cellular and Molecular Neurobiology*, **2007**, 27, 695-700	4.6	17
85	Expression levels of the BAK1 and BCL2 genes highlight the role of apoptosis in age-related hearing impairment. *Clinical Interventions in Aging*, **2016**, 11, 1003-8	4	17
84	A novel mutation in the transactivation-regulating domain of the androgen receptor in a patient with azoospermia. *Journal of Andrology*, **2011**, 32, 367-70		16
83	Mitochondrial D-loop variation in Persian multiple sclerosis patients: K and A haplogroups as a risk factor!!. *Cellular and Molecular Neurobiology*, **2006**, 26, 119-25	4.6	16
82	Liver Mitochondrial DNA Copy Number and Deletion Levels May Contribute to Nonalcoholic Fatty Liver Disease Susceptibility. *Hepatitis Monthly*, **2016**, 16, e40774	1.8	16
81	Origin and spread of human mitochondrial DNA haplogroup U7. *Scientific Reports*, **2017**, 7, 46044	4.9	15
80	Association of fibroblast growth factor (FGF-21) as a biomarker with primary mitochondrial disorders, but not with secondary mitochondrial disorders (Friedreich Ataxia). *Molecular Biology Reports*, **2013**, 40, 6495-9	2.8	15
79	Prevalence of the CYP2D6*10 (C100T), *4 (G1846A), and *14 (G1758A) alleles among Iranians of different ethnicities. *Drug Design, Development and Therapy*, **2015**, 9, 2627-34	4.4	15
78	Mitochondrial A12308G alteration in tRNA(Leu(CUN)) in colorectal cancer samples. *Diagnostic Pathology*, **2015**, 10, 115	3	14
77	Two novel mutations in SCN1A gene in Iranian patients with epilepsy. *Archives of Medical Research*, **2010**, 41, 207-14	6.6	14
76	and are Associated with Type 2 Diabetes Mellitus in Iranian Patients. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, **2020**, 13, 897-906	3.4	14
75	RAD51 polymorphisms and breast cancer risk. *Molecular Biology Reports*, **2013**, 40, 665-8	2.8	13
74	Tumoral cell mtDNA approximately 8.9 kb deletion is more common than other deletions in gastric cancer. *Archives of Medical Research*, **2006**, 37, 848-53	6.6	13
73	Association of ABCB1 and SLC22A16 Gene Polymorphisms with Incidence of Doxorubicin-Induced Febrile Neutropenia: A Survey of Iranian Breast Cancer Patients. *PLoS ONE*, **2016**, 11, e0168519	3.7	13
72	A novel mitochondrial heteroplasmic C13806A point mutation associated with Iranian Friedreich's ataxia. *Cellular and Molecular Neurobiology*, **2009**, 29, 225-33	4.6	12
71	Role of and in Iranian Nonsyndromic Hearing Impairment: From Molecular Analysis to Literature Reviews. *Fetal and Pediatric Pathology*, **2020**, 39, 1-12	1.7	12
70	Age-related decrease in mtDNA content as a consequence of mtDNA 4977 bp deletion. *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3008-12	1.3	11
69	Genetic polymorphisms in calcitonin receptor gene and risk for recurrent kidney calcium stone disease. *Urologia Internationalis*, **2014**, 92, 356-62	1.9	11

68	Accumulation of mitochondrial genome variations in Persian LQTS patients: a possible risk factor?. *Cardiovascular Pathology*, **2010**, 19, e21-7	3.8	11
67	Study on SARS-CoV-2 strains in Iran reveals potential contribution of co-infection with and recombination between different strains to the emergence of new strains. *Virology*, **2021**, 562, 63-73	3.6	11
66	Four novel p.N385K, p.V36A, c.1033-1034insT and c.1417-1418delCT mutations in the sphingomyelin Phosphodiesterase 1 (SMPD1) gene in patients with types A and B Niemann-Pick disease (NPD). *International Journal of Molecular Sciences*, **2015**, 16, 6668-76	6.3	10
65	Usage of mitochondrial D-loop variation to predict risk for Huntington disease. *Mitochondrial DNA*, **2015**, 26, 579-82		10
64	T4216C mutation in NADH dehydrogenase I gene is associated with recurrent pregnancy loss. *Mitochondrial DNA*, **2013**, 24, 610-2		10
63	Evaluation of rs9939609 and rs17782313 Polymorphisms as Prognostic Biomarkers of Obesity: A Population-based Cross-sectional Study. *Oman Medical Journal*, **2019**, 34, 56-62	1.4	10
62	The potential role for use of mitochondrial DNA copy number as predictive biomarker in presbycusis. *Therapeutics and Clinical Risk Management*, **2016**, 12, 1573-1578	2.9	10
61	Genipin induces cell death via intrinsic apoptosis pathways in human glioblastoma cells. *Journal of Cellular Biochemistry*, **2018**, 120, 2047	4.7	10
60	Establishment and characterization of two human breast carcinoma cell lines by spontaneous immortalization: Discordance between Estrogen, Progesterone and HER2/neu receptors of breast carcinoma tissues with derived cell lines. *Cancer Cell International*, **2012**, 12, 43	6.4	9
59	Y chromosome diversity among the Iranian religious groups: a reservoir of genetic variation. *Annals of Human Biology*, **2011**, 38, 364-71	1.7	9
58	Genetic and molecular findings of 38 Iranian patients with chronic granulomatous disease caused by p47-phox defect. *Scandinavian Journal of Immunology*, **2019**, 90, e12767	3.4	8
57	Mitochondrial tRNALeu/Lys and ATPase 6/8 gene variations in spinocerebellar ataxias. *Neurodegenerative Diseases*, **2009**, 6, 16-22	2.3	8
56	Investigation of tRNA(Leu/Lys) and ATPase 6 genes mutations in Huntingtonٔ disease. *Cellular and Molecular Neurobiology*, **2008**, 28, 933-8	4.6	8
55	Investigation of tRNA and ATPase 6/8 gene mutations in Iranian ataxia telangiectasia patients. *Archives of Medical Science*, **2011**, 7, 523-7	2.9	7
54	Association between trinucleotide CAG repeats of the DNA polymerase gene (POLG) with age of onset of Iranian Friedreichٔ ataxia patients. *Neurological Sciences*, **2008**, 29, 489-93	3.5	7
53	Mitochondrial D-loop variation in leber hereditary neuropathy patients harboring primary G11778A, G3460A, T14484C mutations: J and W haplogroups as high-risk factors. *Archives of Medical Research* , **2006**, 37, 1028-33	6.6	7
52	Association of genetic variations in the mitochondrial DNA control region with presbycusis. *Clinical Interventions in Aging*, **2017**, 12, 459-465	4	6
51	Four novel gene mutations with pathogenic impacts on metachromatic leukodystrophy: a bioinformatics approach to predict pathogenic mutations. *Therapeutics and Clinical Risk Management*, **2017**, 13, 725-731	2.9	6

50	Complex genetic background in a large family with Brugada syndrome. *Physiological Reports*, **2015**, 3, e12256	2.6	5
49	Novel nucleotide changes in mutational analysis of mitochondrial 12SrRNA gene in patients with nonsyndromic and aminoglycoside-induced hearing loss. *Molecular Biology Reports*, **2013**, 40, 2689-95	2.8	5
48	Fifteen novel mutations in the mitochondrial NADH dehydrogenase subunit 1, 2, 3, 4, 4L, 5 and 6 genes from Iranian patients with Leber's hereditary optic neuropathy (LHON). *Molecular Biology Reports*, **2013**, 40, 6837-41	2.8	5
47	Prevalence of the UGT1A1*6 (c.211G>A) Polymorphism and Prediction of Irinotecan Toxicity in Iranian Populations of Different Ethnicities. *Chemotherapy*, **2014**, 60, 279-87	3.2	5
46	BAX pro-apoptotic gene alterations in repeated pregnancy loss. *Archives of Medical Science*, **2011**, 7, 117-23	2.9	5
45	Different tissue distribution of a mitochondrial DNA duplication and the corresponding deletion in a patient with a mild mitochondrial encephalomyopathy: deletion in muscle, duplication in blood. *Neuromuscular Disorders*, **2004**, 14, 195-201	2.9	5
44	miR-324-3p and miR-508-5p expression levels could serve as potential diagnostic and multidrug-resistant biomarkers in childhood acute lymphoblastic leukemia. *Leukemia Research*, **2021**, 109, 106643	2.7	5
43	Detection of intragenic SMN1 mutations in spinal muscular atrophy patients with a single copy of SMN1. *Journal of Child Neurology*, **2015**, 30, 558-62	2.5	4
42	Association of genetic variations in the mitochondrial D-loop with β-thalassemia. *Mitochondrial DNA*, **2016**, 27, 1693-6		4
41	A novel PANK2 gene mutation in a Persian boy: the first report from Iran. *Clinical Neurology and Neurosurgery*, **2013**, 115, 1170-2	2	4
40	8q24.3 and 11q25 chromosomal loci association with low HDL-C in metabolic syndrome. *European Journal of Clinical Investigation*, **2011**, 41, 1105-12	4.6	4
39	Do mitochondrial DNA haplogroups play a role in susceptibility to tuberculosis?. *Respirology*, **2007**, 12, 823-7	3.6	4
38	Three novel mutations in Iranian patients with Tay-Sachs disease. *Iranian Biomedical Journal*, **2014**, 18, 114-9	2	4
37	Novel human mitochondrial tRNA phe mutation in a patient with hearing impairment: a case study. *Mitochondrial DNA*, **2013**, 24, 132-6		3
36	Pitfalls for common mitochondrial DNA deletion (mtDNA4977) as a biomarker of cancer. *Archives of Medical Research*, **2013**, 44, 79-80	6.6	3
35	Cutis laxa type II with mutation in the pyrroline-5-carboxylate reductase 1 gene. *Pediatric Dermatology*, **2013**, 30, e265-7	1.9	3
34	Allele frequency distribution data for D8S1132, D8S1779, D8S514, and D8S1743 in four ethnic groups in relation to metabolic syndrome: Tehran Lipid and Glucose Study. *Biochemical Genetics*, **2009**, 47, 680-7	2.4	3
33	Mitochondrial Variants in Pompe Disease: A Comparison between Classic and Non-Classic Forms. *Cell Journal*, **2018**, 20, 333-339	2.4	3

32	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	1.6	2
31	A newly identified c.1824_1828dupATACG mutation in exon 13 of the GAA gene in infantile-onset glycogen storage disease type II (Pompe disease). *Molecular Biology Reports*, **2014**, 41, 6211-4	2.8	2
30	Prevalence of the rs7903146C>T polymorphism in TCF7L2 gene for prediction of type 2 diabetes risk among Iranians of different ethnicities. *Drug Design, Development and Therapy*, **2015**, 9, 5835-41	4.4	2
29	Early-onset Alzheimer's disease in two Iranian families: a genetic study. *Dementia and Geriatric Cognitive Disorders*, **2014**, 38, 330-6	2.6	2
28	Mitochondrial G8292A and C8794T mutations in patients with Niemann-Pick disease type C. *Biomedical Reports*, **2018**, 9, 65-73	1.8	1
27	Dravet syndrome: A case report with a new missense substitution as 1274 Tyr > Asp. *Journal of Pediatric Neurology*, **2015**, 09, 115-118	0.2	1
26	Association of Fibroblast Growth Factor (Fgf-21) as a Screening Biomarker for Chronic Progressive External Ophthalmoplesia. *Tropical Journal of Pharmaceutical Research*, **2014**, 13, 377	0.8	1
25	Specific-mutational patterns of p53 gene in bladder transitional cell carcinoma among a group of Iraqi patients exposed to war environmental hazards. *BMC Research Notes*, **2012**, 5, 466	2.3	1
24	Mitochondrial DNA sequence diversity in three ethnic populations from the South-west Iran: a preliminary study. *Frontiers in Biology*, **2011**, 6, 422-432		1
23	Allele frequency distribution for D11S1304, D11S1998, and D11S934 and metabolic syndrome in TLGS. *European Journal of Lipid Science and Technology*, **2010**, 112, 1302-1307	3	1
22	Correlation between and Polymorphisms and the Susceptibility to Breast Cancer. *Reports of Biochemistry and Molecular Biology*, **2020**, 9, 291-296	1.3	1
21	New mutation of pelizaeus--merzbacher-like disease; a report from iran. *Iranian Journal of Radiology*, **2014**, 11, e6913	1.4	1
20	An A10398G mitochondrial DNA alteration is related to increased risk of breast cancer, and associates with Her2 positive receptor. *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2020**, 31, 11-16	1.3	1
19	Identification of a new mutation in an Iranian family with hereditary multiple osteochondromas. *Therapeutics and Clinical Risk Management*, **2017**, 13, 15-19	2.9	1
18	Association of nuclear and mitochondrial genes with audiological examinations in Iranian patients with nonaminoglycoside antibiotics-induced hearing loss. *Therapeutics and Clinical Risk Management*, **2016**, 12, 117-28	2.9	1
17	Positive association of rs1049694 allele G located in NDRG1 with the incidence of gastric cancer and metastasis. *Gene Reports*, **2020**, 19, 100646	1.4	0
16	Association of rs12487066, rs12044852, rs10735781, rs3135388, rs6897932, rs1321172, rs10492972, and rs9657904 Polymorphisms with Multiple Sclerosis in Iranian Population. *Oman Medical Journal*, **2020**, 35, e150	1.4	0
15	The Critical Role of Prenatal Genetic Study in Prevention of Primary Immunodeficiency in High-risk Families: The Largest Report of 107 Cases. *Iranian Journal of Allergy, Asthma and Immunology*, **2020**, 19, 478-483	1.1	0

14	Analysis of the HEXA, HEXB, ARSA, and SMPD1 Genes in 68 Iranian Patients. *Journal of Molecular Neuroscience*, **2021**, 1	3.3	0
13	DISC1 4 bp deletion in association with schizophrenic patients. *Meta Gene*, **2019**, 20, 100563	0.7	
12	Analysis of partial AZFc (gr/gr, b1/b3, and b2/b3) deletions in Iranian oligozoospermia candidates for intracytoplasmic sperm injection (ICSI). *Turkish Journal of Medical Sciences*, **2018**, 48, 251-256	2.7	
11	Different on the abundance of in Persian Gulf exceeding in variety comparing to Gulf of Oman. *Mitochondrial DNA Part B: Resources*, **2017**, 2, 676-678	0.5	
10	Variation of DAT1 VNTR alleles and genotypes among old ethnic groups in Mesopotamia to the Oxus region. *Human Biology*, **2008**, 80, 73-81	1.2	
9	Use of D11S2179 and D11S1343 as markers for prenatal diagnosis of ataxia telangiectasia in Iranian patients. *Archives of Medical Research*, **2007**, 38, 803-5	6.6	
8	Identification of novel mutations among Iranian NPC1 patients: a bioinformatics approach to predict pathogenic mutations.. *Hereditas*, **2022**, 159, 8	2.4	
7	Following the Trace of HVS II Mitochondrial Region Within the Nine Iranian Ethnic Groups Based on Genetic Population Analysis. *Biochemical Genetics*, **2021**, 1	2.4	
6	Confirmation of R82Q Mutation in g2 Subunit of Gamma Amino Butyric Acid Receptor in an Iranian Family. *Pakistan Journal of Biological Sciences*, **2006**, 9, 2704-2707	0.8	
5	Diagnostic Value of Non-Invasive Prenatal Screening of Thalassemia by Cell Free Fetal DNA and Fetal NRBC. *Current Molecular Medicine*, **2019**, 19, 105-111	2.5	
4	Clinical and Genetic Analysis of Nine Suspected Familial Haemophagocytic Lymphohistiocytosis Patients for MUNC13-4 Deficiency and Introducing Four Novel Mutations in UNC13D. *Iranian Journal of Allergy, Asthma and Immunology*, **2019**, 18, 487-492	1.1	
3	Association of Single Nucleotide Polymorphisms in the VDR and CYP27B1 Genes with Risk of Developing Vitamin D3 Deficiency. *Journal of Pure and Applied Microbiology*, **2021**, 15, 201-211	0.9	
2	The effect of CHRNA3 rs1051730 C>T and ABCB1 rs3842 A>G polymorphisms on non-small cell lung cancer and nicotine dependence in Iranian population. *Heliyon*, **2021**, 7, e07867	3.6	
1	Detection of Microsatellite Instability by High-Resolution Melting Analysis in Colorectal Cancer. *Iranian Biomedical Journal*, **2022**, 26, 70-6	2	