Mahbobeh Koohiyan

List of Publications by Year
in descending order

72 papers	652 citations	623734 14 h-index	752698 20 g-index
74 all docs	74 docs citations	74 times ranked	982 citing authors

#	Article	IF	Citations
1	Whole-Exome Sequencing Identifies a Recurrent Small In-Frame Deletion in MYO15A Causing Autosomal Recessive Nonsyndromic Hearing Loss in 3 Iranian Pedigrees. Laboratory Medicine, 2022, 53, 111-122.	1.2	2
2	The Importance of SNPs at miRNA Binding Sites as Biomarkers of Gastric and Colorectal Cancers: A Systematic Review. Journal of Personalized Medicine, 2022, 12, 456.	2.5	17
3	An update on autosomal recessive hearing loss and loci involved in it. Indian Journal of Otology, 2022, 28, 6.	0.2	0
4	Next-generation sequencing reveals a novel pathogenic variant in the ATM gene. International Journal of Neuroscience, 2021, , 1-5.	1.6	1
5	Selection of optimal bioinformatic tools and proper reference for reducing the alignment error in targeted sequencing data. Journal of Medical Signals and Sensors, 2021, 11, 37.	1.0	3
6	Genetic variant effect prediction by supervised nonnegative matrix tri-factorization. Molecular Omics, 2021, 17, 740-751.	2.8	1
7	Molecular diagnosis of <i>SLC26A4</i>-related hereditary hearing loss in a group of patients from two provinces of Iran. Intractable and Rare Diseases Research, 2021, 10, 23-30.	0.9	3
8	Homozygous TFG gene variants expanding the mutational and clinical spectrum of hereditary spastic paraplegia 57 and a review of literature. Journal of Human Genetics, 2021, 66, 973-981.	2.3	2
9	WRN Germline Mutation Is the Likely Inherited Etiology of Various Cancer Types in One Iranian Family. Frontiers in Oncology, 2021, 11, 648649.	2.8	2
10	A Computational Framework to Infer Prostate Cancer-Associated Long Noncoding RNAs and Analyses for Identifying a Competing Endogenous RNA Network. Genetic Testing and Molecular Biomarkers, 2021, 25, 582-589.	0.7	0
11	JPX and LINC00641 ncRNAs expression in prostate tissue: a case-control study. Research in Pharmaceutical Sciences, 2021, 16, 493.	1.8	3
12	OUP accepted manuscript. Laboratory Medicine, 2021, , .	1.2	0
13	Bisulfite treatment of CG-rich track of trinucleotide repeat expansion disorder: Make the sequence less CG rich. Advanced Biomedical Research, 2021, 10, 46.	0.5	0
14	Predicting deleterious missense genetic variants via integrative supervised nonnegative matrix tri-factorization. Scientific Reports, 2021, 11, 23747.	3.3	0
15	Homozygosity mapping and direct sequencing identify a novel pathogenic variant in the CISD2 gene in an Iranian Wolfram syndrome family. Acta Diabetologica, 2020, 57, 81-87.	2.5	8
16	GJB2â€related hearing loss in central Iran: Review of the spectrum and frequency of gene mutations. Annals of Human Genetics, 2020, 84, 107-113.	0.8	14
17	Upregulation of MTOR, RPS6KB1, and EIF4EBP1 in the whole blood samples of Iranian patients with multiple sclerosis compared to healthy controls. Metabolic Brain Disease, 2020, 35, 1309-1316.	2.9	8
18	A novel pathogenic variant in the LRTOMT gene causes autosomal recessive non-syndromic hearing loss in an Iranian family. BMC Medical Genetics, 2020, 21, 127.	2.1	4

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19	Identification and clinical implications of a novel pathogenic variant in the GJB2 gene causes autosomal recessive non-syndromic hearing loss in a consanguineous Iranian family. Intractable and Rare Diseases Research, 2020, 9, 30-34.	0.9	2
20	Whole exome sequencing identifies novel compound heterozygous pathogenic variants in the MYO15A gene leading to autosomal recessive non-syndromic hearing loss. Molecular Biology Reports, 2020, 47, 5355-5364.	2.3	8
21	Clinical and genetic analysis of two wolfram syndrome families with high occurrence of wolfram syndrome and diabetes type II: a case report. BMC Medical Genetics, 2020, 21, 13.	2.1	7
22	Molecular genetic study in a cohort of Iranian families suspected to maturity-onset diabetes of the young, reveals a recurrent mutation and a high-risk variant in the CEL gene. Advanced Biomedical Research, 2020, 9, 25.	0.5	6
23	Genetic polymorphisms of Y-chromosome short tandem repeats (Y-STRs) in a male population from Golestan province, Iran. Molecular Biology Research Communications, 2020, 9, 11-16.	0.3	1
24	A pathogenic variant in the transforming growth factor beta I () in four Iranian extended families segregating granular corneal dystrophy type II: A literature review. Iranian Journal of Basic Medical Sciences, 2020, 23, 1020-1027.	1.0	2
25	A novel pathogenic variant in the MARVELD2 gene causes autosomal recessive non-syndromic hearing loss in an Iranian family. Genomics, 2019, 111, 840-848.	2.9	6
26	Epigenetics and Common Non Communicable Disease. Advances in Experimental Medicine and Biology, 2019, 1121, 7-20.	1.6	10
27	Clinical and molecular assessment of 13 Iranian families with Wolfram syndrome. Endocrine, 2019, 66, 185-191.	2.3	3
28	An update of spectrum and frequency of GJB2 mutations causing hearing loss in the south of Iran: A literature review. International Journal of Pediatric Otorhinolaryngology, 2019, 119, 136-140.	1.0	20
29	A systematic review of SLC26A4 mutations causing hearing loss in the Iranian population. International Journal of Pediatric Otorhinolaryngology, 2019, 125, 1-5.	1.0	22
30	A pathogenic variant in SLC26A4 is associated with Pendred syndrome in a consanguineous Iranian family. International Journal of Audiology, 2019, 58, 628-634.	1.7	2
31	Next-generation sequencing reveals a novel pathological mutation in the TMC1 gene causing autosomal recessive non-syndromic hearing loss in an Iranian kindred. International Journal of Pediatric Otorhinolaryngology, 2019, 124, 99-105.	1.0	4
32	Mutations in GJB2 as Major Causes of Autosomal Recessive Non-Syndromic Hearing Loss: First Report of c.299-300delAT Mutation in Kurdish Population of Iran. Journal of Audiology and Otology, 2019, 23, 20-26.	0.8	26
33	Update of spectrum c.35delG and c.â€23+1G>A mutations on the GJB2 gene in individuals with autosomal recessive nonsyndromic hearing loss. Annals of Human Genetics, 2019, 83, 1-10.	0.8	28
34	Molecular genetic study of glutaric aciduria, type I: Identification of a novel mutation. Journal of Cellular Biochemistry, 2019, 120, 3367-3372.	2.6	6
35	Engineered zincâ€finger nuclease to generate siteâ€directed modification in the KLF1 gene for fetal hemoglobin induction. Journal of Cellular Biochemistry, 2019, 120, 8438-8446.	2.6	6
36	Novel Variants and Copy Number Variation in CDH1 Gene in Iranian Patients with Sporadic Diffuse Gastric Cancer. Journal of Gastrointestinal Cancer, 2019, 50, 420-427.	1.3	6

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37	Evidence for expression of promoterless GFP cassette: Is GFP an ideal reporter gene in biotechnology science?. Research in Pharmaceutical Sciences, 2019, 14, 351.	1.8	2
38	Genetic Study of Hepatocyte Nuclear Factor 1 Alpha Variants in Development of Early-Onset Diabetes Type 2 and Maturity-Onset Diabetes of the Young 3 in Iran. Advanced Biomedical Research, 2019, 8, 55.	0.5	5
39	A Patient with Trisomy 4p and Monosomy 10q. Archives of Iranian Medicine, 2019, 22, 414-417.	0.6	0
40	A Novel Pathologic Variant in OTOF in an Iranian Family Segregating Hereditary Hearing Loss. Otolaryngology - Head and Neck Surgery, 2018, 158, 1084-1092.	1.9	4
41	A novel missense mutation in GIPC3 causes sensorineural hearing loss in an Iranian family revealed by targeted next-generation sequencing. International Journal of Pediatric Otorhinolaryngology, 2018, 108, 8-11.	1.0	7
42	GJB2 mutations causing autosomal recessive non-syndromic hearing loss (ARNSHL) in two Iranian populations: Report of two novel variants. International Journal of Pediatric Otorhinolaryngology, 2018, 107, 121-126.	1.0	24
43	Genetic study of the <scp>BRAF</scp> gene reveals new variants and high frequency of the V600E mutation among Iranian ameloblastoma patients. Journal of Oral Pathology and Medicine, 2018, 47, 86-90.	2.7	23
44	Investigating of four main carbapenem-resistance mechanisms in high-level carbapenem resistant Pseudomonas aeruginosa isolated from burn patients. Journal of the Chinese Medical Association, 2018, 81, 127-132.	1.4	42
45	Inducing indel mutation in the SOX6 gene by zinc finger nuclease for gamma reactivation: An approach towards gene therapy of beta thalassemia. Journal of Cellular Biochemistry, 2018, 119, 2512-2519.	2.6	16
46	A novel variant of SLC26A4 and first report of the c.716T>A variant in Iranian pedigrees with non-syndromic sensorineural hearing loss. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2018, 39, 719-725.	1.3	11
47	Applying Two Different Bioinformatic Approaches to Discover Novel Genes Associated with Hereditary Hearing Loss via Whole-Exome Sequencing: ENDEAVOUR and HomozygosityMapper. Advanced Biomedical Research, 2018, 7, 141.	0.5	3
48	A Comprehensive Genetic and Clinical Evaluation of Waardenburg Syndrome Type II in a Set of Iranian Patients. International Journal of Molecular and Cellular Medicine, 2018, 7, 17-23.	1.1	5
49	A novel pathogenic variant in the FZD6 gene causes recessive nail dysplasia in a large Iranian kindred. Journal of Dermatological Science, 2017, 88, 134-138.	1.9	2
50	A novel pathogenic variant in an Iranian Ataxia telangiectasia family revealed by next-generation sequencing followed by in silico analysis. Journal of the Neurological Sciences, 2017, 379, 212-216.	0.6	11
51	SOX10 mutation causes Waardenburg syndrome associated with distinctive phenotypic features in an Iranian family: A clue for phenotype-directed genetic analysis. International Journal of Pediatric Otorhinolaryngology, 2017, 96, 122-126.	1.0	9
52	A PCR-Based Molecular Detection of Strongyloides stercoralis in Human Stool Samples from Tabriz City, Iran. Scientia Pharmaceutica, 2017, 85, 17.	2.0	7
53	A novel TECTA mutation causes ARNSHL. International Journal of Pediatric Otorhinolaryngology, 2017, 92, 88-93.	1.0	14
54	The silencing effect of miR-30a on ITGA4 gene expression in vitro: an approach for gene therapy. Research in Pharmaceutical Sciences, 2017, 12, 456.	1.8	16

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55	Screening of Mutations in Iranian Patients with Autosomal Recessive Hearing Loss from West of Iran. Iranian Journal of Public Health, 2017, 46, 76-82.	0.5	5
56	Comparison of different methods for erythroid differentiation in the K562 cell line. Biotechnology Letters, 2016, 38, 1243-1250.	2.2	14
57	Genetic disruption of the KLF1 gene to overexpress the Î³â€globin gene using the CRISPR/Cas9 system. Journal of Gene Medicine, 2016, 18, 294-301.	2.8	41
58	Sequence-identification ofCandidaspecies isolated from candidemia. Advanced Biomedical Research, 2016, 5, 150.	0.5	7
59	Staphylococcus aureus Isolates Carrying Panton-Valentine Leucocidin Genes: Their Frequency, Antimicrobial Patterns, and Association With Infectious Disease in Shahrekord City, Southwest Iran. Jundishapur Journal of Microbiology, 2016, 9, e28291.	0.5	6
60	Characterization of Oxacillinase and Metallo-Î²-Lactamas Genes and Molecular Typing of Clinical Isolates of Acinetobacter baumannii in Ahvaz, South-West of Iran. Jundishapur Journal of Microbiology, 2016, 9, e32388.	0.5	20
61	Screening of DFNB3 in Iranian families with autosomal recessive non-syndromic hearing loss reveals a novel pathogenic mutation in the MyTh4 domain of the MYO15A gene in a linked family. Iranian Journal of Basic Medical Sciences, 2016, 19, 772-8.	1.0	7
62	Correlation Between Mucosal IL-6 mRNA Expression Level and Virulence Factors of Helicobacter pylori in Iranian Adult Patients With Chronic Gastritis. Jundishapur Journal of Microbiology, 2015, 8, e21701.	0.5	16
63	Association of interleukin-1 gene cluster polymorphisms and haplotypes with multiple sclerosis in an Iranian population. Journal of Neuroimmunology, 2015, 288, 114-119.	2.3	15
64	Molecular and clinical characterization of Waardenburg syndrome type I in an Iranian cohort with two novel PAX3 mutations. Gene, 2015, 574, 302-307.	2.2	12
65	A novel mutation in the PAX3 gene causes Waardenburg syndrome type I in an Iranian family. International Journal of Pediatric Otorhinolaryngology, 2015, 79, 1736-1740.	1.0	11
66	Effect of Oxidized Low Density Lipoprotein on the Expression of Runx2 and SPARC Genes in Vascular Smooth Muscle Cells. Iranian Biomedical Journal, 2015, 19, 160-4.	0.7	9
67	The role of epigenetics in the induction of fetal hemoglobin: a combination therapy approach. International Journal of Hematology-Oncology and Stem Cell Research, 2014, 8, 9-14.	0.3	7
68	Lack of Association between ESR1 and CYP1A1 Gene Polymorphisms and Susceptibility to Uterine Leiomyoma in Female Patients of Iranian Descent. Cell Journal, 2014, 16, 225-30.	0.2	8
69	Digenic inheritance in autosomal recessive non-syndromic hearing loss cases carrying GJB2 heterozygote mutations: Assessment of GJB4, GJA1, and GJC3. International Journal of Pediatric Otorhinolaryngology, 2013, 77, 189-193.	1.0	16
70	Compound Heterozygosity for Two NovelSLC26A4Mutations in a Large Iranian Pedigree with Pendred Syndrome. Clinical and Experimental Otorhinolaryngology, 2013, 6, 201.	2.1	17
71	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
72	Association of P1635 and P1655 polymorphisms in dysbindin (DTNBP1) gene with schizophrenia. Acta Neuropsychiatrica, 2012, 24, 155-159.	2.1	5