

# Mahbobeh Koohiyan

## List of Publications by Year in descending order

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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	Investigating of four main carbapenem-resistance mechanisms in high-level carbapenem resistant <i>Pseudomonas aeruginosa</i> isolated from burn patients. <i>Journal of the Chinese Medical Association</i> , 2018, 81, 127-132.	1.4	42
2	Genetic disruption of the <i>KLF1</i> gene to overexpress the $\beta$ -globin gene using the CRISPR/Cas9 system. <i>Journal of Gene Medicine</i> , 2016, 18, 294-301.	2.8	41
3	Update of spectrum c.35delG and c.23+1G>A mutations on the <i>GJB2</i> gene in individuals with autosomal recessive nonsyndromic hearing loss. <i>Annals of Human Genetics</i> , 2019, 83, 1-10.	0.8	28
4	Mutations in <i>GJB2</i> as Major Causes of Autosomal Recessive Non-Syndromic Hearing Loss: First Report of c.299-300delAT Mutation in Kurdish Population of Iran. <i>Journal of Audiology and Otology</i> , 2019, 23, 20-26.	0.8	26
5	<i>GJB2</i> mutations causing autosomal recessive non-syndromic hearing loss (ARNSHL) in two Iranian populations: Report of two novel variants. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 107, 121-126.	1.0	24
6	Genetic study of the <i>BRAF</i> gene reveals new variants and high frequency of the V600E mutation among Iranian ameloblastoma patients. <i>Journal of Oral Pathology and Medicine</i> , 2018, 47, 86-90.	2.7	23
7	A systematic review of <i>SLC26A4</i> mutations causing hearing loss in the Iranian population. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 125, 1-5.	1.0	22
8	An update of spectrum and frequency of <i>GJB2</i> mutations causing hearing loss in the south of Iran: A literature review. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 119, 136-140.	1.0	20
9	Characterization of Oxacillinase and Metallo- $\beta$ -Lactamas Genes and Molecular Typing of Clinical Isolates of <i>Acinetobacter baumannii</i> in Ahvaz, South-West of Iran. <i>Jundishapur Journal of Microbiology</i> , 2016, 9, e32388.	0.5	20
10	Compound Heterozygosity for Two Novel <i>SLC26A4</i> Mutations in a Large Iranian Pedigree with Pendred Syndrome. <i>Clinical and Experimental Otorhinolaryngology</i> , 2013, 6, 201.	2.1	17
11	The Importance of SNPs at miRNA Binding Sites as Biomarkers of Gastric and Colorectal Cancers: A Systematic Review. <i>Journal of Personalized Medicine</i> , 2022, 12, 456.	2.5	17
12	Digenic inheritance in autosomal recessive non-syndromic hearing loss cases carrying <i>GJB2</i> heterozygote mutations: Assessment of <i>GJB4</i> , <i>GJA1</i> , and <i>GJC3</i> . <i>International Journal of Pediatric Otorhinolaryngology</i> , 2013, 77, 189-193.	1.0	16
13	Correlation Between Mucosal IL-6 mRNA Expression Level and Virulence Factors of <i>Helicobacter pylori</i> in Iranian Adult Patients With Chronic Gastritis. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e21701.	0.5	16
14	Inducing indel mutation in the <i>SOX6</i> gene by zinc finger nuclease for gamma reactivation: An approach towards gene therapy of beta thalassemia. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 2512-2519.	2.6	16
15	The silencing effect of miR-30a on <i>ITGA4</i> gene expression in vitro: an approach for gene therapy. <i>Research in Pharmaceutical Sciences</i> , 2017, 12, 456.	1.8	16
16	Association of interleukin-1 gene cluster polymorphisms and haplotypes with multiple sclerosis in an Iranian population. <i>Journal of Neuroimmunology</i> , 2015, 288, 114-119.	2.3	15
17	Comparison of different methods for erythroid differentiation in the K562 cell line. <i>Biotechnology Letters</i> , 2016, 38, 1243-1250.	2.2	14
18	A novel <i>TECTA</i> mutation causes ARNSHL. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2017, 92, 88-93.	1.0	14

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19	<i>GJB2</i> -related hearing loss in central Iran: Review of the spectrum and frequency of gene mutations. <i>Annals of Human Genetics</i> , 2020, 84, 107-113.	0.8	14
20	Molecular and clinical characterization of Waardenburg syndrome type I in an Iranian cohort with two novel PAX3 mutations. <i>Gene</i> , 2015, 574, 302-307.	2.2	12
21	A novel mutation in the PAX3 gene causes Waardenburg syndrome type I in an Iranian family. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 1736-1740.	1.0	11
22	A novel pathogenic variant in an Iranian Ataxia telangiectasia family revealed by next-generation sequencing followed by in silico analysis. <i>Journal of the Neurological Sciences</i> , 2017, 379, 212-216.	0.6	11
23	A novel variant of SLC26A4 and first report of the c.716T>A variant in Iranian pedigrees with non-syndromic sensorineural hearing loss. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2018, 39, 719-725.	1.3	11
24	Epigenetics and Common Non Communicable Disease. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1121, 7-20.	1.6	10
25	SOX10 mutation causes Waardenburg syndrome associated with distinctive phenotypic features in an Iranian family: A clue for phenotype-directed genetic analysis. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2017, 96, 122-126.	1.0	9
26	Effect of Oxidized Low Density Lipoprotein on the Expression of Runx2 and SPARC Genes in Vascular Smooth Muscle Cells. <i>Iranian Biomedical Journal</i> , 2015, 19, 160-4.	0.7	9
27	Homozygosity mapping and direct sequencing identify a novel pathogenic variant in the CISD2 gene in an Iranian Wolfram syndrome family. <i>Acta Diabetologica</i> , 2020, 57, 81-87.	2.5	8
28	Upregulation of MTOR, RPS6KB1, and EIF4EBP1 in the whole blood samples of Iranian patients with multiple sclerosis compared to healthy controls. <i>Metabolic Brain Disease</i> , 2020, 35, 1309-1316.	2.9	8
29	Whole exome sequencing identifies novel compound heterozygous pathogenic variants in the MYO15A gene leading to autosomal recessive non-syndromic hearing loss. <i>Molecular Biology Reports</i> , 2020, 47, 5355-5364.	2.3	8
30	Lack of Association between ESR1 and CYP1A1 Gene Polymorphisms and Susceptibility to Uterine Leiomyoma in Female Patients of Iranian Descent. <i>Cell Journal</i> , 2014, 16, 225-30.	0.2	8
31	A PCR-Based Molecular Detection of <i>Strongyloides stercoralis</i> in Human Stool Samples from Tabriz City, Iran. <i>Scientia Pharmaceutica</i> , 2017, 85, 17.	2.0	7
32	A novel missense mutation in GIPC3 causes sensorineural hearing loss in an Iranian family revealed by targeted next-generation sequencing. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 108, 8-11.	1.0	7
33	Clinical and genetic analysis of two wolfram syndrome families with high occurrence of wolfram syndrome and diabetes type II: a case report. <i>BMC Medical Genetics</i> , 2020, 21, 13.	2.1	7
34	Sequence-identification of <i>Candida</i> species isolated from candidemia. <i>Advanced Biomedical Research</i> , 2016, 5, 150.	0.5	7
35	The role of epigenetics in the induction of fetal hemoglobin: a combination therapy approach. <i>International Journal of Hematology-Oncology and Stem Cell Research</i> , 2014, 8, 9-14.	0.3	7
36	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. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 772-8.	1.0	7

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37	A novel pathogenic variant in the MARVELD2 gene causes autosomal recessive non-syndromic hearing loss in an Iranian family. <i>Genomics</i> , 2019, 111, 840-848.	2.9	6
38	Molecular genetic study of glutaric aciduria, type I: Identification of a novel mutation. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 3367-3372.	2.6	6
39	Engineered zinc-finger nuclease to generate site-directed modification in the KLF1 gene for fetal hemoglobin induction. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 8438-8446.	2.6	6
40	Novel Variants and Copy Number Variation in CDH1 Gene in Iranian Patients with Sporadic Diffuse Gastric Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2019, 50, 420-427.	1.3	6
41	<i>Staphylococcus aureus</i> Isolates Carrying Panton-Valentine Leucocidin Genes: Their Frequency, Antimicrobial Patterns, and Association With Infectious Disease in Shahrekord City, Southwest Iran. <i>Jundishapur Journal of Microbiology</i> , 2016, 9, e28291.	0.5	6
42	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. <i>Advanced Biomedical Research</i> , 2020, 9, 25.	0.5	6
43	Association of P1635 and P1655 polymorphisms in dysbindin (DTNBP1) gene with schizophrenia. <i>Acta Neuropsychiatrica</i> , 2012, 24, 155-159.	2.1	5
44	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. <i>Advanced Biomedical Research</i> , 2019, 8, 55.	0.5	5
45	Screening of Mutations in Iranian Patients with Autosomal Recessive Hearing Loss from West of Iran. <i>Iranian Journal of Public Health</i> , 2017, 46, 76-82.	0.5	5
46	A Comprehensive Genetic and Clinical Evaluation of Waardenburg Syndrome Type II in a Set of Iranian Patients. <i>International Journal of Molecular and Cellular Medicine</i> , 2018, 7, 17-23.	1.1	5
47	A Novel Pathologic Variant in <i>OTOF</i> in an Iranian Family Segregating Hereditary Hearing Loss. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 158, 1084-1092.	1.9	4
48	Next-generation sequencing reveals a novel pathological mutation in the TMC1 gene causing autosomal recessive non-syndromic hearing loss in an Iranian kindred. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 124, 99-105.	1.0	4
49	A novel pathogenic variant in the LRTOMT gene causes autosomal recessive non-syndromic hearing loss in an Iranian family. <i>BMC Medical Genetics</i> , 2020, 21, 127.	2.1	4
50	Clinical and molecular assessment of 13 Iranian families with Wolfram syndrome. <i>Endocrine</i> , 2019, 66, 185-191.	2.3	3
51	Selection of optimal bioinformatic tools and proper reference for reducing the alignment error in targeted sequencing data. <i>Journal of Medical Signals and Sensors</i> , 2021, 11, 37.	1.0	3
52	Molecular diagnosis of <i>SLC26A4</i> -related hereditary hearing loss in a group of patients from two provinces of Iran. <i>Intractable and Rare Diseases Research</i> , 2021, 10, 23-30.	0.9	3
53	JPX and LINC00641 ncRNAs expression in prostate tissue: a case-control study. <i>Research in Pharmaceutical Sciences</i> , 2021, 16, 493.	1.8	3
54	Applying Two Different Bioinformatic Approaches to Discover Novel Genes Associated with Hereditary Hearing Loss via Whole-Exome Sequencing: ENDEAVOUR and HomozygosityMapper. <i>Advanced Biomedical Research</i> , 2018, 7, 141.	0.5	3

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55	A novel pathogenic variant in the FZD6 gene causes recessive nail dysplasia in a large Iranian kindred. <i>Journal of Dermatological Science</i> , 2017, 88, 134-138.	1.9	2
56	A pathogenic variant in SLC26A4 is associated with Pendred syndrome in a consanguineous Iranian family. <i>International Journal of Audiology</i> , 2019, 58, 628-634.	1.7	2
57	Identification and clinical implications of a novel pathogenic variant in the <i>CJB2</i> gene causes autosomal recessive non-syndromic hearing loss in a consanguineous Iranian family. <i>Intractable and Rare Diseases Research</i> , 2020, 9, 30-34.	0.9	2
58	Homozygous TFG gene variants expanding the mutational and clinical spectrum of hereditary spastic paraplegia 57 and a review of literature. <i>Journal of Human Genetics</i> , 2021, 66, 973-981.	2.3	2
59	WRN Germline Mutation Is the Likely Inherited Etiology of Various Cancer Types in One Iranian Family. <i>Frontiers in Oncology</i> , 2021, 11, 648649.	2.8	2
60	Whole-Exome Sequencing Identifies a Recurrent Small In-Frame Deletion in <i>MYO15A</i> Causing Autosomal Recessive Nonsyndromic Hearing Loss in 3 Iranian Pedigrees. <i>Laboratory Medicine</i> , 2022, 53, 111-122.	1.2	2
61	Evidence for expression of promoterless GFP cassette: Is GFP an ideal reporter gene in biotechnology science?. <i>Research in Pharmaceutical Sciences</i> , 2019, 14, 351.	1.8	2
62	A pathogenic variant in the transforming growth factor beta I ( <i>TGFBI</i> ) in four Iranian extended families segregating granular corneal dystrophy type II: A literature review. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 1020-1027.	1.0	2
63	Next-generation sequencing reveals a novel pathogenic variant in the ATM gene. <i>International Journal of Neuroscience</i> , 2021, , 1-5.	1.6	1
64	Genetic variant effect prediction by supervised nonnegative matrix tri-factorization. <i>Molecular Omics</i> , 2021, 17, 740-751.	2.8	1
65	Genetic polymorphisms of Y-chromosome short tandem repeats (Y-STRs) in a male population from Golestan province, Iran. <i>Molecular Biology Research Communications</i> , 2020, 9, 11-16.	0.3	1
66	A Computational Framework to Infer Prostate Cancer-Associated Long Noncoding RNAs and Analyses for Identifying a Competing Endogenous RNA Network. <i>Genetic Testing and Molecular Biomarkers</i> , 2021, 25, 582-589.	0.7	0
67	OUP accepted manuscript. <i>Laboratory Medicine</i> , 2021, , .	1.2	0
68	Identification of Xq22.1-23 as a region linked with hereditary recurrent spontaneous abortion in a family. <i>Iranian Journal of Reproductive Medicine</i> , 2013, 11, 659-64.	0.8	0
69	Bisulfite treatment of CG-rich track of trinucleotide repeat expansion disorder: Make the sequence less CG rich. <i>Advanced Biomedical Research</i> , 2021, 10, 46.	0.5	0
70	A Patient with Trisomy 4p and Monosomy 10q. <i>Archives of Iranian Medicine</i> , 2019, 22, 414-417.	0.6	0
71	Predicting deleterious missense genetic variants via integrative supervised nonnegative matrix tri-factorization. <i>Scientific Reports</i> , 2021, 11, 23747.	3.3	0
72	An update on autosomal recessive hearing loss and loci involved in it. <i>Indian Journal of Otology</i> , 2022, 28, 6.	0.2	0