Farkhondeh Behjati

List of Publications by Year
in descending order

56	1,866	471061 17	264894 42
papers	citations	h-index	g-index

56	56	56	4216
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep sequencing reveals 50 novel genes for recessive cognitive disorders. Nature, 2011, 478, 57-63.	13.7	805
2	A Defect in the TUSC3 Gene Is Associated with Autosomal Recessive Mental Retardation. American Journal of Human Genetics, 2008, 82, 1158-1164.	2.6	127
3	Homozygosity mapping in consanguineous families reveals extreme heterogeneity of non-syndromic autosomal recessive mental retardation and identifies 8 novel gene loci. Human Genetics, 2007, 121, 43-48.	1.8	92
4	A clinical and molecular genetic study of 112 Iranian families with primary microcephaly. Journal of Medical Genetics, 2010, 47, 823-828.	1.5	87
5	Mutation of the conserved polyadenosine RNA binding protein, ZC3H14/dNab2, impairs neural function in Drosophila and humans. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12390-12395.	3.3	77
6	Chromosomal Abnormalities in Dupuytrenâ€™s Contracture and Carpal Tunnel Syndrome. Journal of Hand Surgery, 1992, 17, 349-355.	0.9	70
7	SNP array-based homozygosity mapping reveals MCPH1 deletion in family with autosomal recessive mental retardation and mild microcephaly. Human Genetics, 2006, 118, 708-715.	1.8	67
8	Autosomal recessive mental retardation: homozygosity mapping identifies 27 single linkage intervals, at least 14 novel loci and several mutation hotspots. Human Genetics, 2011, 129, 141-148.	1.8	45
9	Accurate Breakpoint Mapping in Apparently Balanced Translocation Families with Discordant Phenotypes Using Whole Genome Mate-Pair Sequencing. PLoS ONE, 2017, 12, e0169935.	1.1	31
10	Improvement of hepatogenic differentiation of iPS cells on an aligned polyethersulfone compared to random nanofibers. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 853-860.	1.9	28
11	Overexpression of HER-2/neu in Malignant Mammary Tumors: Translation of Clinicopathological Features from Dog to Human. Asian Pacific Journal of Cancer Prevention, 2012, 13, 6415-6421.	0.5	28
12	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
13	The Genotoxic and Cytotoxic Effects of Bisphenol-A (BPA) in MCF-7 Cell Line and Amniocytes. International Journal of Molecular and Cellular Medicine, 2016, 5, 19-29.	1.1	25
14	FACC gene mutations and early prenatal diagnosis of Fanconi's anaemia. Lancet, The, 1993, 342, 686.	6.3	23
15	Copy Number Variants in Patients with Autism and Additional Clinical Features: Report of VIPR2 Duplication and a Novel Microduplication Syndrome. Molecular Neurobiology, 2017, 54, 7019-7027.	1.9	20
16	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
17	BOD1 Is Required for Cognitive Function in Humans and Drosophila. PLoS Genetics, 2016, 12, e1006022.	1.5	18
18	Human leukocyte antigens and circulating immunoglobulin levels in Indian patients with pulmonary tuberculosis. Tubercle, 1985, 66, 25-33.	0.7	17

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19	Prognostic value of chromosome 1 and 8 copy number in invasive ductal breast carcinoma among iranian women: An interphase FISH analysis. Pathology and Oncology Research, 2005, 11, 157-163.	0.9	16
20	Investigation of primary microcephaly in Bushehr province of Iran: novel <scp>STIL</scp> andÂ<scp>ASPM</scp> mutations. Clinical Genetics, 2013, 83, 488-490.	1.0	16
21	Acute myelogenous leukemia (AML) and diabetes insipidus (DI): Further association with monosomy 7. Hematological Oncology, 1992, 10, 221-223.	0.8	15
22	Angiogenesis Markers in Breast Cancer - Potentially Useful Tools for Priority Setting of Anti-Angiogenic Agents. Asian Pacific Journal of Cancer Prevention, 2013, 14, 7651-7656.	0.5	15
23	M-banding characterization of a 16p11.2p13.1 tandem duplication in a child with autism, neurodevelopmental delay and dysmorphism. European Journal of Medical Genetics, 2008, 51, 608-614.	0.7	14
24	A novel splicing variant in FLNC gene responsible for a highly penetrant familial dilated cardiomyopathy in an extended Iranian family. Gene, 2018, 659, 160-167.	1.0	14
25	Mimicry and well known genetic friends: molecular diagnosis in an Iranian cohort of suspected Bartter syndrome and proposition of an algorithm for clinical differential diagnosis. Orphanet Journal of Rare Diseases, 2019, 14, 41.	1.2	14
26	Detection of HER2 Status in Breast Cancer: Comparison of Current Methods with MLPA and Real-time RT-PCR. Asian Pacific Journal of Cancer Prevention, 2013, 14, 7621-7628.	0.5	14
27	Fragile X syndrome screening of families with consanguineous and non-consanguineous parents in the Iranian population. European Journal of Medical Genetics, 2009, 52, 170-173.	0.7	13
28	Frequency of PTEN alterations, TMPRSS2-ERG fusion and their association in prostate cancer. Gene, 2016, 575, 755-760.	1.0	13
29	Cytogenetic abnormalities in 222 infertile men with azoospermia and oligospermia in Iran: Report and review. Indian Journal of Human Genetics, 2012, 18, 198.	0.7	12
30	Chromosome abnormality rate among Iranian patients with idiopathic mental retardation from consanguineous marriages. Archives of Medical Science, 2011, 2, 321-325.	0.4	11
31	Investigation of Genes Expression in Acute Myeloid Leukemia. Reports of Biochemistry and Molecular Biology, 2019, 7, 136-141.	0.5	10
32	Chromosomal Studies in Infertile Men. Russian Journal of Genetics, 2003, 39, 342-345.	0.2	7
33	Prenatal diagnosis in a mentally retarded woman with mosaic ring chromosome 18. Indian Journal of Human Genetics, 2011, 17, 111.	0.7	7
34	Partial trisomy 7q and monosomy 13q in a child with disorder of sex development: Phenotypic and genotypic findings. Gene, 2013, 517, 137-145.	1.0	7
35	Analysis of Copy Number Variations in Patients with Autism Using Cytogenetic and MLPA Techniques: Report of 16p13.1p13.3 and 10q26.3 Duplications. International Journal of Molecular and Cellular Medicine, 2016, 5, 236-245.	1.1	7
36	Evaluation of chromosomal aberrations caused by air pollutants in some taxi drivers from two polluted districts of urban Tehran and its comparison with drivers from rural areas of Lahijan: a pilot study. Journal of Environmental Health Science & Engineering, 2014, 12, 144.	1.4	6

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37	A 57 kB Genomic Deletion Causing CTNS Loss of Function Contributes to the CTNS Mutational Spectrum in the Middle East. Frontiers in Pediatrics, 2019, 7, 89.	0.9	5
38	The Relationship between KIT Copy Number Variation, Protein Expression, and Angiogenesis in Sporadic Breast Cancer. Reports of Biochemistry and Molecular Biology, 2020, 9, 40-49.	0.5	5
39	A Pathogenic Homozygous Mutation in The Pleckstrin Homology Domain of RASA1 Is Responsible for Familial Tricuspid Atresia in An Iranian Consanguineous Family. Cell Journal, 2019, 21, 70-77.	0.2	5
40	Phenotypical characterization of 13q deletion syndrome: Report of two cases. Indian Journal of Human Genetics, 2014, 20, 203.	0.7	4
41	Mutation analysis of androgen receptor gene: Multiple uses for a single test. Gene, 2014, 552, 234-238.	1.0	3
42	Whole-Exome Sequencing Identifies Three Candidate Homozygous Variants in a Consanguineous Iranian Family with Autism Spectrum Disorder and Skeletal Problems. Molecular Syndromology, 2020, 11, 62-72.	0.3	3
43	Bi-allelic Mutations in ALDH5A1 is associated with succinic semialdehyde dehydrogenase deficiency and severe intellectual disability. Gene, 2020, , 144918.	1.0	3
44	Identification of Chromosome Abnormalities in Subtelomeric Regions Using Multiplex Ligation Dependent Probe Amplification (MLPA) Technique in 100 Iranian Patients With Idiopathic Mental Retardation. Iranian Red Crescent Medical Journal, 2013, 15, e8221.	0.5	3
45	Mutation Screening of BRCA Genes in 10 Iranian Males with Breast Cancer. International Journal of Molecular and Cellular Medicine, 2016, 5, 114-22.	1.1	3
46	Relationship Between PIK3CA Amplification and P110Î± and CD34 Tissue Expression as Angiogenesis Markers in Iranian Women with Sporadic Breast Cancer. Iranian Journal of Pathology, 2018, 13, 447-453.	0.2	3
47	Application of Multiplex Ligation-Dependent Probe Amplification in Determining the Copy Number Alterations of Gene Family Members in Invasive Ductal Breast Carcinoma. Reports of Biochemistry and Molecular Biology, 2019, 8, 91-101.	0.5	3
48	Detection of increased level of chromosome breakage in peripheral blood of Iranian women with sporadic breast cancer using neural networks. , 2008, , .		2
49	A Rare Triploidy Case with Long Term Survival: A Case Report Study. Iranian Red Crescent Medical Journal, 2017, 19, .	0.5	2
50	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
51	Interstitial deletion of the short arm of chromosome 10 del(10)(p11.2p12.32) in a patient with congenital heart disease, minor dysmorphism, and mental retardation. American Journal of Medical Genetics, Part A, 2008, 146A, 3223-3226.	0.7	1
52	Genomic characterization of some Iranian children with idiopathic mental retardation using array comparative genomic hybridization. Indian Journal of Human Genetics, 2013, 19, 443.	0.7	1
53	Investigation of genetic causes of intellectual disability in kerman province, South East of iran. Iranian Red Crescent Medical Journal, 2012, 14, 79-85.	0.5	1
54	Investigation of Chromosomal Abnormalities and Microdeletion/ Microduplication(s) in Fifty Iranian Patients with Multiple Congenital Anomalies. Cell Journal, 2019, 21, 337-349.	0.2	1

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55	Investigation of Aneusomy of Chromosome 21 in the Micronuclei of 13 Patients with Early Onset Alzheimer's Disease Using Fluorescence in Situ Hybridization: A Pilot Study. Reports of Biochemistry and Molecular Biology, 2020, 8, 446-453.	0.5	1
56	Triploidy in a fetus following amniocentesis referred for maternal serum screening test at second trimester. Indian Journal of Human Genetics, 2010, 16, 94.	0.7	0