

Farkhondeh Behjati

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,866
citations

471509

17
h-index

265206

42
g-index

56
all docs

56
docs citations

56
times ranked

4216
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep sequencing reveals 50 novel genes for recessive cognitive disorders. <i>Nature</i> , 2011, 478, 57-63.	27.8	805
2	A Defect in the TUSC3 Gene Is Associated with Autosomal Recessive Mental Retardation. <i>American Journal of Human Genetics</i> , 2008, 82, 1158-1164.	6.2	127
3	Homozygosity mapping in consanguineous families reveals extreme heterogeneity of non-syndromic autosomal recessive mental retardation and identifies 8 novel gene loci. <i>Human Genetics</i> , 2007, 121, 43-48.	3.8	92
4	A clinical and molecular genetic study of 112 Iranian families with primary microcephaly. <i>Journal of Medical Genetics</i> , 2010, 47, 823-828.	3.2	87
5	Mutation of the conserved polyadenosine RNA binding protein, ZC3H14/dNab2, impairs neural function in <i>Drosophila</i> and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12390-12395.	7.1	77
6	Chromosomal Abnormalities in Dupuytren's Contracture and Carpal Tunnel Syndrome. <i>Journal of Hand Surgery</i> , 1992, 17, 349-355.	0.8	70
7	SNP array-based homozygosity mapping reveals MCPH1 deletion in family with autosomal recessive mental retardation and mild microcephaly. <i>Human Genetics</i> , 2006, 118, 708-715.	3.8	67
8	Autosomal recessive mental retardation: homozygosity mapping identifies 27 single linkage intervals, at least 14 novel loci and several mutation hotspots. <i>Human Genetics</i> , 2011, 129, 141-148.	3.8	45
9	Accurate Breakpoint Mapping in Apparently Balanced Translocation Families with Discordant Phenotypes Using Whole Genome Mate-Pair Sequencing. <i>PLoS ONE</i> , 2017, 12, e0169935.	2.5	31
10	Improvement of hepatogenic differentiation of iPS cells on an aligned polyethersulfone compared to random nanofibers. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 853-860.	2.8	28
11	Overexpression of HER-2/neu in Malignant Mammary Tumors: Translation of Clinicopathological Features from Dog to Human. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 6415-6421.	1.2	28
12	miRNA-Related Polymorphisms in miR-423 (rs6505162) and PEX6 (rs1129186) and Risk of Esophageal Squamous Cell Carcinoma in an Iranian Cohort. <i>Genetic Testing and Molecular Biomarkers</i> , 2017, 21, 382-390.	0.7	26
13	The Genotoxic and Cytotoxic Effects of Bisphenol-A (BPA) in MCF-7 Cell Line and Amniocytes. <i>International Journal of Molecular and Cellular Medicine</i> , 2016, 5, 19-29.	1.1	25
14	FACC gene mutations and early prenatal diagnosis of Fanconi's anaemia. <i>Lancet</i> , The, 1993, 342, 686.	13.7	23
15	Copy Number Variants in Patients with Autism and Additional Clinical Features: Report of VIPR2 Duplication and a Novel Microduplication Syndrome. <i>Molecular Neurobiology</i> , 2017, 54, 7019-7027.	4.0	20
16	In silico dissection of miRNA targetome polymorphisms and their role in regulating miRNA-mediated gene expression in esophageal cancer. <i>Cell Biochemistry and Biophysics</i> , 2016, 74, 483-497.	1.8	18
17	BOD1 Is Required for Cognitive Function in Humans and <i>Drosophila</i> . <i>PLoS Genetics</i> , 2016, 12, e1006022.	3.5	18
18	Human leukocyte antigens and circulating immunoglobulin levels in Indian patients with pulmonary tuberculosis. <i>Tubercle</i> , 1985, 66, 25-33.	0.6	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. <i>Pathology and Oncology Research</i> , 2005, 11, 157-163.	1.9	16
20	Investigation of primary microcephaly in Bushehr province of Iran: novel <i>STIL</i> and <i>ASPM</i> mutations. <i>Clinical Genetics</i> , 2013, 83, 488-490.	2.0	16
21	Acute myelogenous leukemia (AML) and diabetes insipidus (DI): Further association with monosomy 7. <i>Hematological Oncology</i> , 1992, 10, 221-223.	1.7	15
22	Angiogenesis Markers in Breast Cancer - Potentially Useful Tools for Priority Setting of Anti-Angiogenic Agents. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 7651-7656.	1.2	15
23	M-banding characterization of a 16p11.2p13.1 tandem duplication in a child with autism, neurodevelopmental delay and dysmorphism. <i>European Journal of Medical Genetics</i> , 2008, 51, 608-614.	1.3	14
24	A novel splicing variant in FLNC gene responsible for a highly penetrant familial dilated cardiomyopathy in an extended Iranian family. <i>Gene</i> , 2018, 659, 160-167.	2.2	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. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 41.	2.7	14
26	Detection of HER2 Status in Breast Cancer: Comparison of Current Methods with MLPA and Real-time RT-PCR. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 7621-7628.	1.2	14
27	Fragile X syndrome screening of families with consanguineous and non-consanguineous parents in the Iranian population. <i>European Journal of Medical Genetics</i> , 2009, 52, 170-173.	1.3	13
28	Frequency of PTEN alterations, TMPRSS2-ERG fusion and their association in prostate cancer. <i>Gene</i> , 2016, 575, 755-760.	2.2	13
29	Cytogenetic abnormalities in 222 infertile men with azoospermia and oligospermia in Iran: Report and review. <i>Indian Journal of Human Genetics</i> , 2012, 18, 198.	0.7	12
30	Chromosome abnormality rate among Iranian patients with idiopathic mental retardation from consanguineous marriages. <i>Archives of Medical Science</i> , 2011, 2, 321-325.	0.9	11
31	Investigation of Genes Expression in Acute Myeloid Leukemia. <i>Reports of Biochemistry and Molecular Biology</i> , 2019, 7, 136-141.	1.4	10
32	Chromosomal Studies in Infertile Men. <i>Russian Journal of Genetics</i> , 2003, 39, 342-345.	0.6	7
33	Prenatal diagnosis in a mentally retarded woman with mosaic ring chromosome 18. <i>Indian Journal of Human Genetics</i> , 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. <i>Gene</i> , 2013, 517, 137-145.	2.2	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. <i>International Journal of Molecular and Cellular Medicine</i> , 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. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 144.	3.0	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. <i>Frontiers in Pediatrics</i> , 2019, 7, 89.	1.9	5
38	The Relationship between KIT Copy Number Variation, Protein Expression, and Angiogenesis in Sporadic Breast Cancer. <i>Reports of Biochemistry and Molecular Biology</i> , 2020, 9, 40-49.	1.4	5
39	A Pathogenic Homozygous Mutation in The Pleckstrin Homology Domain of RASA1 Is Responsible for Familial Tricuspid Atresia in An Iranian Consanguineous Family. <i>Cell Journal</i> , 2019, 21, 70-77.	0.2	5
40	Phenotypical characterization of 13q deletion syndrome: Report of two cases. <i>Indian Journal of Human Genetics</i> , 2014, 20, 203.	0.7	4
41	Mutation analysis of androgen receptor gene: Multiple uses for a single test. <i>Gene</i> , 2014, 552, 234-238.	2.2	3
42	Whole-Exome Sequencing Identifies Three Candidate Homozygous Variants in a Consanguineous Iranian Family with Autism Spectrum Disorder and Skeletal Problems. <i>Molecular Syndromology</i> , 2020, 11, 62-72.	0.8	3
43	Bi-allelic Mutations in ALDH5A1 is associated with succinic semialdehyde dehydrogenase deficiency and severe intellectual disability. <i>Gene</i> , 2020, , 144918.	2.2	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. <i>Iranian Red Crescent Medical Journal</i> , 2013, 15, e8221.	0.5	3
45	Mutation Screening of BRCA Genes in 10 Iranian Males with Breast Cancer. <i>International Journal of Molecular and Cellular Medicine</i> , 2016, 5, 114-22.	1.1	3
46	Relationship Between PIK3CA Amplification and P110 α and CD34 Tissue Expression as Angiogenesis Markers in Iranian Women with Sporadic Breast Cancer. <i>Iranian Journal of Pathology</i> , 2018, 13, 447-453.	0.5	3
47	Application of Multiplex Ligation-Dependent Probe Amplification in Determining the Copy Number Alterations of Gene Family Members in Invasive Ductal Breast Carcinoma. <i>Reports of Biochemistry and Molecular Biology</i> , 2019, 8, 91-101.	1.4	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. <i>Iranian Red Crescent Medical Journal</i> , 2017, 19, .	0.5	2
50	Combination of Genetics and Nanotechnology for Down Syndrome Modification: A Potential Hypothesis and Review of the Literature. <i>Iranian Journal of Public Health</i> , 2019, 48, 371-378.	0.5	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. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 3223-3226.	1.2	1
52	Genomic characterization of some Iranian children with idiopathic mental retardation using array comparative genomic hybridization. <i>Indian Journal of Human Genetics</i> , 2013, 19, 443.	0.7	1
53	Investigation of genetic causes of intellectual disability in kerman province, South East of iran. <i>Iranian Red Crescent Medical Journal</i> , 2012, 14, 79-85.	0.5	1
54	Investigation of Chromosomal Abnormalities and Microdeletion/ Microduplication(s) in Fifty Iranian Patients with Multiple Congenital Anomalies. <i>Cell Journal</i> , 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.	1.4	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