Mehdi Zarrei

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10583595/publications.pdf

Version: 2024-02-01

48 papers	3,170 citations	394421 19 h-index	206112 48 g-index
52 all docs	52 docs citations	52 times ranked	6843 citing authors

#	Article	IF	Citations
1	A copy number variation map of the human genome. Nature Reviews Genetics, 2015, 16, 172-183.	16.3	707
2	Whole genome sequencing resource identifies 18 new candidate genes for autism spectrum disorder. Nature Neuroscience, 2017, 20, 602-611.	14.8	691
3	Whole-genome sequencing of quartet families with autism spectrum disorder. Nature Medicine, 2015, 21, 185-191.	30.7	457
4	Genome-wide characteristics of de novo mutations in autism. Npj Genomic Medicine, 2016, 1, 160271-1602710.	3.8	200
5	Rearrangement bursts generate canonical gene fusions in bone and soft tissue tumors. Science, 2018, 361, .	12.6	121
6	Clinically relevant copy number variations detected in cerebral palsy. Nature Communications, 2015, 6, 7949.	12.8	120
7	A large data resource of genomic copy number variation across neurodevelopmental disorders. Npj Genomic Medicine, 2019, 4, 26.	3.8	118
8	De novo and rare inherited copy-number variations in the hemiplegic form of cerebral palsy. Genetics in Medicine, 2018, 20, 172-180.	2.4	82
9	Uncovering obsessive-compulsive disorder risk genes in a pediatric cohort by high-resolution analysis of copy number variation. Journal of Neurodevelopmental Disorders, 2016, 8, 36.	3.1	55
10	Mutations in RAB39B in individuals with intellectual disability, autism spectrum disorder, and macrocephaly. Molecular Autism, 2017, 8, 59.	4.9	49
11	Whole-Genome Sequencing Suggests Schizophrenia Risk Mechanisms in Humans with 22q11.2 Deletion Syndrome. G3: Genes, Genomes, Genetics, 2015, 5, 2453-2461.	1.8	43
12	Indexing Effects of Copy Number Variation on Genes Involved in Developmental Delay. Scientific Reports, 2016, 6, 28663.	3.3	35
13	Variable phenotype expression in a family segregating microdeletions of the NRXN1 and MBD5 autism spectrum disorder susceptibility genes. Npj Genomic Medicine, 2017, 2, .	3.8	31
14	Expanding the neurodevelopmental phenotypes of individuals with de novo KMT2A variants. Npj Genomic Medicine, 2019, 4, 9.	3.8	29
15	Intratumoral Genetic and Functional Heterogeneity in Pediatric Glioblastoma. Cancer Research, 2019, 79, 2111-2123.	0.9	28
16	DNA barcodes from four loci provide poor resolution of taxonomic groups in the genus Crataegus. AoB PLANTS, 2015, 7, .	2.3	26
17	Metaâ€Analyses Support Previous and Novel Autism Candidate Genes: Outcomes of an Unexplored Brazilian Cohort. Autism Research, 2020, 13, 199-206.	3.8	25
18	Pollen morphology of the genus Gagea (Liliaceae) in Iran. Flora: Morphology, Distribution, Functional Ecology of Plants, 2005, 200, 96-108.	1.2	24

#	Article	IF	Citations
19	Systematic revision of the genus Gagea Salisb. (Liliaceae) in Iran. Botanical Journal of the Linnean Society, 2007, 154, 559-588.	1.6	24
20	Genes and Pathways Implicated in Tetralogy of Fallot Revealed by Ultra-Rare Variant Burden Analysis in 231 Genome Sequences. Frontiers in Genetics, 2020, 11, 957.	2.3	23
21	Speciation and evolution in the Gagea reticulata species complex (Tulipeae; Liliaceae). Molecular Phylogenetics and Evolution, 2012, 62, 624-639.	2.7	20
22	A genome-wide linkage study of autism spectrum disorder and the broad autism phenotype in extended pedigrees. Journal of Neurodevelopmental Disorders, 2018, 10, 20.	3.1	20
23	Single-cell transcriptome identifies molecular subtype of autism spectrum disorder impacted by de novo loss-of-function variants regulating glial cells. Human Genomics, 2021, 15, 68.	2.9	20
24	Whole-genome sequencing suggests mechanisms for 22q11.2 deletion-associated Parkinsonâ€™s disease. PLoS ONE, 2017, 12, e0173944.	2.5	17
25	Microcephalyâ€capillary malformation syndrome: Brothers with a homozygous STAMBP mutation, uncovered by exome sequencing. American Journal of Medical Genetics, Part A, 2016, 170, 3018-3022.	1.2	16
26	Association of IMMP2L deletions with autism spectrum disorder: A trio family study and metaâ€analysis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 93-100.	1.7	16
27	Copy number variation in fetal alcohol spectrum disorder. Biochemistry and Cell Biology, 2018, 96, 161-166.	2.0	15
28	Copy number variations in a Brazilian cohort with autism spectrum disorders highlight the contribution of cell adhesion genes. Clinical Genetics, 2022, 101, 134-141.	2.0	13
29	The systematic importance of anatomical data in Gagea (Liliaceae) from the Flora Iranica area. Botanical Journal of the Linnean Society, 2010, 164, 155-177.	1.6	12
30	Chromosomal microarray analysis of 410 Han Chinese patients with autism spectrum disorder or unexplained intellectual disability and developmental delay. Npj Genomic Medicine, 2022, 7, 1.	3.8	11
31	Gagea robusta (Liliaceae), a new species from Flora Iranica area. Kew Bulletin, 2010, 65, 327-336.	0.9	10
32	Crataegus Ã—ninae-celottiae and C. Ã—cogswellii (Rosaceae,ÂMaleae), two spontaneously formedÂintersectional nothospecies. PhytoKeys, 2014, 36, 1-26.	1.0	10
33	RCL1 copy number variants are associated with a range of neuropsychiatric phenotypes. Molecular Psychiatry, 2021, 26, 1706-1718.	7.9	10
34	A new species of Gagea (Liliaceae) from Iran. Nordic Journal of Botany, 2003, 23, 269-274.	0.5	9
35	Rare copy number variation in extremely impulsively violent males. Genes, Brain and Behavior, 2019, 18, e12536.	2.2	9
36	A recurrent SHANK3 frameshift variant in Autism Spectrum Disorder. Npj Genomic Medicine, 2021, 6, 91.	3.8	9

#	Article	IF	Citations
37	Gagea calcicola (Liliaceae), a new species from southwestern Iran. Kew Bulletin, 2010, 65, 89-96.	0.9	8
38	A de novo deletion in a boy with cerebral palsy suggests a refined critical region for the 4q21.22 microdeletion syndrome. American Journal of Medical Genetics, Part A, 2017, 173, 1287-1293.	1.2	8
39	Deletion of Loss-of-Functionâ€“Intolerant Genes and Risk of 5 Psychiatric Disorders. JAMA Psychiatry, 2022, 79, 78.	11.0	8
40	Segregating patterns of copy number variations in extended autism spectrum disorder (ASD) pedigrees. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2020, 183, 268-276.	1.7	7
41	Regionally defined proteomic profiles of human cerebral tissue and organoids reveal conserved molecular modules of neurodevelopment. Cell Reports, 2022, 39, 110846.	6.4	7
42	Mutations in trpÎ³, the homologue of TRPC6 autism candidate gene, causes autism-like behavioral deficits in Drosophila. Molecular Psychiatry, 2022, 27, 3328-3342.	7.9	6
43	Inherited duplications of PPP2R3B predispose to nevi and melanoma via a C21orf91-driven proliferative phenotype. Genetics in Medicine, 2021, 23, 1636-1647.	2.4	5
44	Ancestry and frequency of genetic variants in the general population are confounders in the characterization of germline variants linked to cancer. BMC Medical Genetics, 2020, 21, 92.	2.1	4
45	Niche Shifts, Hybridization, Polyploidy and Geographic Parthenogenesis in Western North American Hawthorns (Crataegus subg. Sanguineae, Rosaceae). Agronomy, 2021, 11, 2133.	3.0	3
46	Homozygous duplication identified by whole genome sequencing causes LRBA deficiency. Npj Genomic Medicine, 2021, 6, 96.	3.8	3
47	Rare CACNA1H and RELN variants interact through mTORC1 pathway in oligogenic autism spectrum disorder. Translational Psychiatry, 2022, 12, .	4.8	3
48	Refining critical regions in 15q24 microdeletion syndrome pertaining to autism. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2020, 183, 217-226.	1.7	2