Hao Hu

List of Publications by Year
in descending order

60	2,332	361413	223800
papers	citations	20 h-index	46 g-index

64	64	64	5139
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.	27.8	805
2	Comparison of a QM/MM force field and molecular mechanics force fields in simulations of alanine and glycine â€œdipeptidesâ€•(Ace-Ala-Nme and Ace-Gly-Nme) in water in relation to the problem of modeling the unfolded peptide backbone in solution. Proteins: Structure, Function and Bioinformatics, 2003, 50, 451-463.	2.6	250
3	Genetics of intellectual disability in consanguineous families. Molecular Psychiatry, 2019, 24, 1027-1039.	7.9	131
4	Involvement of the kinesin family membersKIF4AandKIF5Cin intellectual disability and synaptic function. Journal of Medical Genetics, 2014, 51, 487-494.	3.2	90
5	Homozygous YME1L1 mutation causes mitochondriopathy with optic atrophy and mitochondrial network fragmentation. ELife, 2016, 5, .	6.0	88
6	Long non-coding RNA GAS5 inhibits DDP-resistance and tumor progression of epithelial ovarian cancer via GAS5-E2F4-PARP1-MAPK axis. Journal of Experimental and Clinical Cancer Research, 2019, 38, 345.	8.6	87
7	THOC2 Mutations Implicate mRNA-Export Pathway in X-Linked Intellectual Disability. American Journal of Human Genetics, 2015, 97, 302-310.	6.2	82
8	Mutations of the aminoacyl-tRNA-synthetases SARS and WARS2 are implicated in the etiology of autosomal recessive intellectual disability. Human Mutation, 2017, 38, 621-636.	2.5	54
9	Redefining the MED13L syndrome. European Journal of Human Genetics, 2015, 23, 1308-1317.	2.8	53
10	Effect of inbreeding on intellectual disability revisited by trio sequencing. Clinical Genetics, 2019, 95, 151-159.	2.0	49
11	A Mitocentric View of Alzheimerâ€™s Disease. Molecular Neurobiology, 2017, 54, 6046-6060.	4.0	45
12	Relating side-chain mobility in proteins to rotameric transitions: Insights from molecular dynamics simulations and NMR. Journal of Biomolecular NMR, 2005, 32, 151-162.	2.8	43
13	Compound heterozygousZP1mutations cause empty follicle syndrome in infertile sisters. Human Mutation, 2019, 40, 2001-2006.	2.5	38
14	MAGE-A1 in lung adenocarcinoma as a promising target of chimeric antigen receptor T cells. Journal of Hematology and Oncology, 2019, 12, 106.	17.0	36
15	Rare GABRA3 variants are associated with epileptic seizures, encephalopathy and dysmorphic features. Brain, 2017, 140, 2879-2894.	7.6	33
16	Integrated Sequence Analysis Pipeline Provides One-Stop Solution for Identifying Disease-Causing Mutations. Human Mutation, 2014, 35, 1427-1435.	2.5	31
17	A 3-base pair deletion, c.9711_9713del, in DMD results in intellectual disability without muscular dystrophy. European Journal of Human Genetics, 2014, 22, 480-485.	2.8	30
18	Microwave ablation with chemoembolization for large hepatocellular carcinoma in patients with cirrhosis. International Journal of Hyperthermia, 2018, 34, 1351-1358.	2.5	30

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19	In-depth analysis reveals complex molecular aetiology in a cohort of idiopathic cerebral palsy. Brain, 2022, 145, 119-141.	7.6	28
20	Homozygous SLC6A17 Mutations Cause Autosomal-Recessive Intellectual Disability with Progressive Tremor, Speech Impairment, and Behavioral Problems. American Journal of Human Genetics, 2015, 96, 386-396.	6.2	27
21	Homozygous ARHGEF2 mutation causes intellectual disability and midbrain-hindbrain malformation. PLoS Genetics, 2017, 13, e1006746.	3.5	27
22	Pathogenic variants in E3 ubiquitin ligase RLIM/RNF12 lead to a syndromic X-linked intellectual disability and behavior disorder. Molecular Psychiatry, 2019, 24, 1748-1768.	7.9	26
23	Transmembrane protein GRINA modulates aerobic glycolysis and promotes tumor progression in gastric cancer. Journal of Experimental and Clinical Cancer Research, 2018, 37, 308.	8.6	23
24	Clinical and molecular characteristics of patients with Gaucher disease in Southern China. Blood Cells, Molecules, and Diseases, 2018, 68, 30-34.	1.4	22
25	Genome-wide association study identified ATP6V1H locus influencing cerebrospinal fluid BACE activity. BMC Medical Genetics, 2018, 19, 75.	2.1	21
26	Biallelic missense variants in ZBTB11 can cause intellectual disability in humans. Human Molecular Genetics, 2018, 27, 3177-3188.	2.9	19
27	Improve the image quality of orbital 3 T diffusion-weighted magnetic resonance imaging with readout-segmented echo-planar imaging. Clinical Imaging, 2016, 40, 793-796.	1.5	18
28	Hypomorphic and hypermorphic mouse models of Fsip2 indicate its dosage-dependent roles in sperm tail and acrosome formation. Development (Cambridge), 2021, 148, .	2.5	12
29	Involvement of volumeâ€sensitive Cl^{â^'} channels in the proliferation of human subcutaneous preâ€adipocytes. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 29-34.	1.9	10
30	PTRH2 gene mutation causes progressive congenital skeletal muscle pathology. Human Molecular Genetics, 2017, 26, 1458-1464.	2.9	10
31	Technical safety and efficacy of a blunt-tip microwave ablation electrode for CT-guided ablation of pulmonary ground-glass opacity nodules. European Radiology, 2021, 31, 7484-7490.	4.5	9
32	Previously reported new type of autosomal recessive primary microcephaly is caused by compound heterozygousASPMgene mutations. Cell Cycle, 2014, 13, 1650-1651.	2.6	8
33	Bi-allelic mutation in Fsip1 impairs acrosome vesicle formation and attenuates flagellogenesis in mice. Redox Biology, 2021, 43, 101969.	9.0	8
34	Cryopreserved biopsy tissues of rectal cancer liver metastasis for assessment of anticancer drug response inï¿½vitro and inï¿½vivo. Oncology Reports, 2020, 43, 405-414.	2.6	8
35	Microwave Ablation Versus Wedge Resection for Stage I Non-small Cell Lung Cancer Adjacent to the Pericardium: Propensity Score Analyses of Long-term Outcomes. CardioVascular and Interventional Radiology, 2021, 44, 237-246.	2.0	7
36	OUP accepted manuscript. Human Molecular Genetics, 2021, 30, 2068-2081.	2.9	7

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37	Microwave ablation for peribiliary hepatocellular carcinoma: propensity score analyses of long-term outcomes. International Journal of Hyperthermia, 2021, 38, 191-201.	2.5	7
38	FG-4592 alleviates radiation-induced intestinal injury by facilitating recovery of intestinal stem cell and reducing damage of intestinal epithelial. Toxicology Letters, 2022, 357, 1-10.	0.8	6
39	New evidence for the role of calpain 10 in autosomal recessive intellectual disability: identification of two novel nonsense variants by exome sequencing in Iranian families. Archives of Iranian Medicine, 2015, 18, 179-84.	0.6	6
40	KlÃ¼verâ€“Bucy syndrome associated with a recessive variant in HGSNAT in two siblings with Mucopolysaccharidosis type IIIC (Sanfilippo C). European Journal of Human Genetics, 2017, 25, 253-256.	2.8	5
41	Homozygous mutation in MCM7 causes autosomal recessive primary microcephaly and intellectual disability. Journal of Medical Genetics, 2022, 59, 453-461.	3.2	5
42	Efficacy of calcium dobesilate in treating Chinese patients with mild-to-moderate non-proliferative diabetic retinopathy (CALM-DR): protocol for a single-blind, multicentre, 24-armed cluster-randomised, controlled trial. BMJ Open, 2021, 11, e045256.	1.9	5
43	Pathologic Diagnosis and Genetic Analysis of Sequential Biopsy Following Coaxial Low-Power Microwave Thermal Coagulation For Pulmonary Ground-Glass Opacity Nodules. CardioVascular and Interventional Radiology, 2021, 44, 1204-1213.	2.0	4
44	Arhgef2 regulates neural differentiation in the cerebral cortex through mRNA m6A-methylation of Npdc1 and Cend1. IScience, 2021, 24, 102645.	4.1	4
45	Exome Sequencing and Linkage Analysis Identified Novel Candidate Genes in Recessive Intellectual Disability Associated with Ataxia. Archives of Iranian Medicine, 2015, 18, 670-82.	0.6	4
46	The Application of Anatomy Combined With Ultrasound Knife in Transaxillary Endoscopic Biplane Breast Augmentation. Frontiers in Surgery, 2022, 9, 865379.	1.4	3
47	Chinese family with Blau syndrome: Mutated NOD2 allele transmitted from the father with de novo somatic and germ line mosaicism. Journal of Dermatology, 2020, 47, e395.	1.2	2
48	Fermitin family homolog 2 (Kindlin-2) affects vascularization during the wound healing process by regulating the Wnt/Î²-catenin signaling pathway in vascular endothelial cells. Bioengineered, 2021, 12, 4654-4665.	3.2	2
49	Whole genome sequencing identifies a duplicated region encompassing Xq13.2q13.3 in a large Iranian family with intellectual disability. Molecular Genetics & Genomic Medicine, 2020, 8, e1418.	1.2	1
50	Generation of an induced pluripotent stem cell line SYSUi-003-A from a child with epilepsy carrying GRIN2A mutation. Stem Cell Research, 2020, 43, 101706.	0.7	1
51	Zebrafish modeling mimics developmental phenotype of patients with <scp>RAPGEF1</scp> mutation. Clinical Genetics, 2021, 100, 144-155.	2.0	1
52	Generation of GPAM knockout human embryonic stem cell line SYSUe-008-A using CRISPR/Cas9. Stem Cell Research, 2021, 53, 102303.	0.7	1
53	Application of evidenceâ€based nursing in prevention of postoperative complications of breast augmentation. Journal of Cosmetic Dermatology, 2021, , .	1.6	1
54	Expanding the Phenotype of NUP85 Mutations beyond Nephrotic Syndrome to Primary Autosomal Recessive Microcephaly and Seckel Syndrome Spectrum Disorders. , 2021, 52, .		1

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55	Novel clusters of newly-diagnosed type 2 diabetes and their association with diabetic retinopathy: a 3-year follow-up study. Acta Diabetologica, 2022, , 1.	2.5	1
56	Optimization of pleural multisite anesthetic technique during CT-guide microwave ablation of peripheral lung malignancy for improving treatment tolerance. International Journal of Hyperthermia, 2022, 39, 822-828.	2.5	1
57	Generation of an induced pluripotent stem cell line SYSUi-004-A from a child of microcephaly with TYW1 mutations. Stem Cell Research, 2020, 45, 101783.	0.7	0
58	An efficient cell culture system for the studies of heterogeneous astrocytes: Time gradient digestion. Journal of Neuroscience Methods, 2021, 362, 109292.	2.5	0
59	Animal experimental research of intralesional bleomycin and pingyangmycin in the treatment of xanthoma. Journal of Cosmetic Dermatology, 2021, , .	1.6	0
60	Reply: Is it time to rename hereditary cases of cerebral palsy?. Brain, 0, , .	7.6	0