Kun Xia

List of Publications by Year
in descending order

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223	6,942	76326 40	98798 67
papers	citations	h-index	g-index

234	234	234	10986
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeted sequencing identifies 91 neurodevelopmental-disorder risk genes with autism and developmental-disability biases. Nature Genetics, 2017, 49, 515-526.	21.4	443
2	De novo genic mutations among a Chinese autism spectrum disorder cohort. Nature Communications, 2016, 7, 13316.	12.8	293
3	Association of PINK1 and DJ-1 confers digenic inheritance of early-onset Parkinson's disease. Human Molecular Genetics, 2006, 15, 1816-1825.	2.9	218
4	Expansion of Human-Specific GGC Repeat in Neuronal Intranuclear Inclusion Disease-Related Disorders. American Journal of Human Genetics, 2019, 105, 166-176.	6.2	212
5	Prevalence of Autism Spectrum Disorder in China: A Nationwide Multi-center Population-based Study Among Children Aged 6 to 12 Years. Neuroscience Bulletin, 2020, 36, 961-971.	2.9	179
6	Genes with de novo mutations are shared by four neuropsychiatric disorders discovered from NPdenovo database. Molecular Psychiatry, 2016, 21, 290-297.	7.9	167
7	Hotspots of missense mutation identify neurodevelopmental disorder genes and functional domains. Nature Neuroscience, 2017, 20, 1043-1051.	14.8	152
8	AMPA receptor GluA2 subunit defects are a cause of neurodevelopmental disorders. Nature Communications, 2019, 10, 3094.	12.8	150
9	Expansion of GGC repeat in the human-specific NOTCH2NLC gene is associated with essential tremor. Brain, 2020, 143, 222-233.	7.6	139
10	Disruption of POGZ Is Associated with Intellectual Disability and Autism Spectrum Disorders. American Journal of Human Genetics, 2016, 98, 541-552.	6.2	132
11	Ã...ngstrom-scale silver particleâ€“embedded carbomer gel promotes wound healing by inhibiting bacterial colonization and inflammation. Science Advances, 2020, 6, .	10.3	119
12	Inherited and multiple de novo mutations in autism/developmental delay risk genes suggest a multifactorial model. Molecular Autism, 2018, 9, 64.	4.9	114
13	Large-scale targeted sequencing identifies risk genes for neurodevelopmental disorders. Nature Communications, 2020, 11, 4932.	12.8	105
14	The role of genetics in Parkinsonâ€™s disease: a large cohort study in Chinese mainland population. Brain, 2020, 143, 2220-2234.	7.6	97
15	Targeted sequencing and functional analysis reveal brain-size-related genes and their networks in autism spectrum disorders. Molecular Psychiatry, 2017, 22, 1282-1290.	7.9	95
16	Excessive UBE3A dosage impairs retinoic acid signaling and synaptic plasticity in autism spectrum disorders. Cell Research, 2018, 28, 48-68.	12.0	95
17	Genetic evidence of gender difference in autism spectrum disorder supports the female-protective effect. Translational Psychiatry, 2020, 10, 4.	4.8	84
18	SLC39A5mutations interfering with the BMP/TGF-Î² pathway in non-syndromic high myopia. Journal of Medical Genetics, 2014, 51, 518-525.	3.2	83

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19	Long-read sequencing identified intronic repeat expansions inSAMD12from Chinese pedigrees affected with familial cortical myoclonic tremor with epilepsy. Journal of Medical Genetics, 2019, 56, 265-270.	3.2	82
20	Coding mutations inNUS1contribute to Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11567-11572.	7.1	78
21	miRâ€222 attenuates cisplatinâ€induced cell death by targeting the <scp>PPP</scp>2R2A/Akt/<scp>mTOR</scp> Axis in bladder cancer cells. Journal of Cellular and Molecular Medicine, 2016, 20, 559-567.	3.6	74
22	A SIGMAR1 splice-site mutation causes distal hereditary motor neuropathy. Neurology, 2015, 84, 2430-2437.	1.1	72
23	Inhibition of miR-331-3p and miR-9-5p ameliorates Alzheimer's disease by enhancing autophagy. Theranostics, 2021, 11, 2395-2409.	10.0	72
24	Extracellular vesicles from human urine-derived stem cells prevent osteoporosis by transferring CTHRC1 and OPG. Bone Research, 2019, 7, 18.	11.4	66
25	PAK2 Haploinsufficiency Results in Synaptic Cytoskeleton Impairment and Autism-Related Behavior. Cell Reports, 2018, 24, 2029-2041.	6.4	64
26	OncoVar: an integrated database and analysis platform for oncogenic driver variants in cancers. Nucleic Acids Research, 2021, 49, D1289-D1301.	14.5	64
27	Mutations of P4HA2 encoding prolyl 4-hydroxylase 2 are associated with nonsyndromic high myopia. Genetics in Medicine, 2015, 17, 300-306.	2.4	63
28	Autophagy receptor OPTN (optineurin) regulates mesenchymal stem cell fate and bone-fat balance during aging by clearing FABP3. Autophagy, 2021, 17, 2766-2782.	9.1	63
29	Mutation analysis of Parkin, PINK1, DJâ€1 and ATP13A2 genes in Chinese patients with autosomal recessive earlyâ€onset Parkinsonism. Movement Disorders, 2008, 23, 2074-2079.	3.9	61
30	Novel West syndrome candidate genes in a Chinese cohort. CNS Neuroscience and Therapeutics, 2018, 24, 1196-1206.	3.9	60
31	Analysis of lncRNAs expression in UVB-induced stress responses of melanocytes. Journal of Dermatological Science, 2016, 81, 53-60.	1.9	57
32	Elevated mitochondrial DNA copy number in peripheral blood cells is associated with childhood autism. BMC Psychiatry, 2015, 15, 50.	2.6	56
33	Identification of C9orf72 repeat expansions in patients with amyotrophic lateral sclerosis and frontotemporal dementia in mainland China. Neurobiology of Aging, 2014, 35, 936.e19-936.e22.	3.1	53
34	Glucocerebrosidase Gene L444P mutation is a risk factor for Parkinson's disease in Chinese population. Movement Disorders, 2010, 25, 1005-1011.	3.9	50
35	Investigation of Gene Regulatory Networks Associated with Autism Spectrum Disorder Based on MiRNA Expression in China. PLoS ONE, 2015, 10, e0129052.	2.5	50
36	Genome-wide copy number variation analysis in a Chinese autism spectrum disorder cohort. Scientific Reports, 2017, 7, 44155.	3.3	50

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37	Rare deleterious mutations of HNRNP genes result in shared neurodevelopmental disorders. Genome Medicine, 2021, 13, 63.	8.2	50
38	Extracellular Vesicles from Akkermansia muciniphila Elicit Antitumor Immunity Against Prostate Cancer via Modulation of CD8+ T Cells and Macrophages. International Journal of Nanomedicine, 2021, Volume 16, 2949-2963.	6.7	48
39	Comparing the benefits of chemoradiotherapy and chemotherapy for resectable stage III A/N2 non-small cell lung cancer: a meta-analysis. World Journal of Surgical Oncology, 2018, 16, 8.	1.9	47
40	Fasting before or after wound injury accelerates wound healing through the activation of pro-angiogenic SMOC1 and SCG2. Theranostics, 2020, 10, 3779-3792.	10.0	44
41	Analysis of SCA2 and SCA3/MJD repeats in Parkinson's disease in mainland China: Genetic, clinical, and positron emission tomography findings. Movement Disorders, 2009, 24, 2007-2011.	3.9	43
42	AKAP2identified as a novel gene mutated in a Chinese family with adolescent idiopathic scoliosis. Journal of Medical Genetics, 2016, 53, 488-493.	3.2	43
43	Familial paroxysmal kinesigenic dyskinesia is associated with mutations in the KCNA1 gene. Human Molecular Genetics, 2018, 27, 625-637.	2.9	43
44	Disruptive mutations in TANC2 define a neurodevelopmental syndrome associated with psychiatric disorders. Nature Communications, 2019, 10, 4679.	12.8	43
45	Extracellular vesicles from human umbilical cord blood ameliorate bone loss in senile osteoporotic mice. Metabolism: Clinical and Experimental, 2019, 95, 93-101.	3.4	43
46	Suppression of Akt-mTOR pathway rescued the social behavior in Cntnap2-deficient mice. Scientific Reports, 2019, 9, 3041.	3.3	43
47	Alterations of the Gut Microbiota in Multiple System Atrophy Patients. Frontiers in Neuroscience, 2019, 13, 1102.	2.8	42
48	Gene4Denovo: an integrated database and analytic platform for de novo mutations in humans. Nucleic Acids Research, 2020, 48, D913-D926.	14.5	41
49	Biallelic Intronic <scp>AAGGG</scp> Expansion of <scp>RFC1</scp> is Related to Multiple System Atrophy. Annals of Neurology, 2020, 88, 1132-1143.	5.3	41
50	Increased Expression of Reticulon 3 in Neurons Leads to Reduced Axonal Transport of Î² Site Amyloid Precursor Protein-cleaving Enzyme 1. Journal of Biological Chemistry, 2013, 288, 30236-30245.	3.4	40
51	Molecular analysis of hearing loss associated with enlarged vestibular aqueduct in the mainland Chinese: a unique SLC26A4 mutation spectrum. Journal of Human Genetics, 2007, 52, 492-497.	2.3	39
52	Leukocyte Mitochondrial DNA Copy Number in Blood Is Not Associated with Major Depressive Disorder in Young Adults. PLoS ONE, 2014, 9, e96869.	2.5	39
53	Association of genetic variants of GRIN2B with autism. Scientific Reports, 2015, 5, 8296.	3.3	39
54	Fluorometric aptamer-based determination of ochratoxin A based on the use of graphene oxide and RNase H-aided amplification. Mikrochimica Acta, 2018, 185, 347.	5.0	39

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55	Methylation analysis of plasma cell-free DNA for breast cancer early detection using bisulfite next-generation sequencing. Tumor Biology, 2016, 37, 13111-13119.	1.8	38
56	miRâ€25 alleviates polyQâ€mediated cytotoxicity by silencing ATXN3. FEBS Letters, 2014, 588, 4791-4798.	2.8	37
57	(CAG) _n loci as genetic modifiers of age-at-onset in patients with Machado-Joseph disease from mainland China. Brain, 2016, 139, e41-e41.	7.6	37
58	Fructose-coated Angstrom silver inhibits osteosarcoma growth and metastasis via promoting ROS-dependent apoptosis through the alteration of glucose metabolism by inhibiting PDK. Theranostics, 2020, 10, 7710-7729.	10.0	37
59	A syndactyly type IV locus maps to 7q36. Journal of Human Genetics, 2007, 52, 561-564.	2.3	35
60	mirTrios: an integrated pipeline for detection of de novo and rare inherited mutations from trios-based next-generation sequencing. Journal of Medical Genetics, 2015, 52, 275-281.	3.2	35
61	Altered plasma levels of chemokines in autism and their association with social behaviors. Psychiatry Research, 2016, 244, 300-305.	3.3	35
62	Disruptive variants of CSDE1 associate with autism and interfere with neuronal development and synaptic transmission. Science Advances, 2019, 5, eaax2166.	10.3	35
63	Shorter telomere length in peripheral blood leukocytes is associated with childhood autism. Scientific Reports, 2014, 4, 7073.	3.3	34
64	Neuronal Induction of Boneâ€Fat Imbalance through Osteocyte Neuropeptide Y. Advanced Science, 2021, 8, e2100808.	11.2	34
65	Updated frequency analysis of spinocerebellar ataxia in China. Brain, 2018, 141, e22-e22.	7.6	33
66	Genomic landscapes of Chinese sporadic autism spectrum disorders revealed by whole-genome sequencing. Journal of Genetics and Genomics, 2018, 45, 527-538.	3.9	33
67	The repertoire of tumor-infiltrating lymphocytes within the microenvironment of oral squamous cell carcinoma reveals immune dysfunction. Cancer Immunology, Immunotherapy, 2020, 69, 465-476.	4.2	32
68	Screening for distress in patients with primary brain tumor using distress thermometer: a systematic review and meta-analysis. BMC Cancer, 2018, 18, 124.	2.6	31
69	Ã…ngstromâ€Scale Silver Particles as a Promising Agent for Lowâ€Toxicity Broadâ€Spectrum Potent Anticancer Therapy. Advanced Functional Materials, 2019, 29, 1808556.	14.9	29
70	Phenotypeâ€toâ€genotype approach reveals headâ€circumferenceâ€associated genes in an autism spectrum disorder cohort. Clinical Genetics, 2020, 97, 338-346.	2.0	29
71	Increased Reticulon 3 (RTN3) Leads to Obesity and Hypertriglyceridemia by Interacting With Heat Shock Protein Family A (Hsp70) Member 5 (HSPA5). Circulation, 2018, 138, 1828-1838.	1.6	26
72	A Statistical Framework for Mapping Risk Genes from De Novo Mutations in Whole-Genome-Sequencing Studies. American Journal of Human Genetics, 2018, 102, 1031-1047.	6.2	26

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73	The Prognostic Value of Altered eIF3a and Its Association with p27 in Non-Small Cell Lung Cancers. PLoS ONE, 2014, 9, e96008.	2.5	26
74	The APOE Îµ2 allele may decrease the age at onset in patients with spinocerebellar ataxia type 3 or Machado-Joseph disease from the Chinese Han population. Neurobiology of Aging, 2014, 35, 2179.e15-2179.e18.	3.1	25
75	Exome sequencing identifies POU4F3 as the causative gene for a large Chinese family with non-syndromic hearing loss. Journal of Human Genetics, 2017, 62, 317-320.	2.3	25
76	Genotype and phenotype correlations for SHANK3 de novo mutations in neurodevelopmental disorders. American Journal of Medical Genetics, Part A, 2018, 176, 2668-2676.	1.2	25
77	A novel PRPF31 splice-site mutation in a Chinese family with autosomal dominant retinitis pigmentosa. Molecular Vision, 2004, 10, 361-5.	1.1	25
78	De novo and inherited variants in ZNF292 underlie a neurodevelopmental disorder with features of autism spectrum disorder. Genetics in Medicine, 2020, 22, 538-546.	2.4	24
79	A Novel Mutation ofFOXC1(R127L) in an Axenfeldâ€“Rieger Syndrome Family with Glaucoma and Multiple Congenital Heart Diseases. Ophthalmic Genetics, 2016, 37, 1-5.	1.2	23
80	Identification of a potential exosomal biomarker in spinocerebellar ataxia Type 3/Machadoâ€“Joseph disease. Epigenomics, 2019, 11, 1037-1056.	2.1	23
81	An adaptive immune response driven by mature, antigenâ€experienced <scp>T</scp> and <scp>B</scp> cells within the microenvironment of oral squamous cell carcinoma. International Journal of Cancer, 2016, 138, 2952-2962.	5.1	22
82	The genetic spectrum of familial hypercholesterolemia in the central south region of China. Atherosclerosis, 2017, 258, 84-88.	0.8	22
83	Identification of rare RTN3 variants in Alzheimerâ€™s disease in Han Chinese. Human Genetics, 2018, 137, 141-150.	3.8	22
84	A comparative study of the genetic components of three subcategories of autism spectrum disorder. Molecular Psychiatry, 2019, 24, 1720-1731.	7.9	22
85	Variation of global DNA methylation levels with age and in autistic children. Human Genomics, 2016, 10, 31.	2.9	21
86	Rare GCH1 heterozygous variants contributing to Parkinsonâ€™s disease. Brain, 2017, 140, e41-e41.	7.6	21
87	Identification of TDP-43 as an oncogene in melanoma and its function during melanoma pathogenesis. Cancer Biology and Therapy, 2017, 18, 8-15.	3.4	21
88	Gene-Related Cerebellar Neurodegeneration in SCA3/MJD: A Case-Controlled Imaging-Genetic Study. Frontiers in Neurology, 2019, 10, 1025.	2.4	21
89	Hâ€type blood vessels participate in alveolar bone remodeling during murine tooth extraction healing. Oral Diseases, 2020, 26, 998-1009.	3.0	21
90	miR-199a-5p regulates the expression of metastasis-associated genes in B16F10 melanoma cells. International Journal of Clinical and Experimental Pathology, 2014, 7, 7182-90.	0.5	21

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91	Identification of a de novo DYNC1H1 mutation via WES according to published guidelines. Scientific Reports, 2016, 6, 20423.	3.3	20
92	Vitamin Dâ€•related genes are subjected to significant de novo mutation burdens in autism spectrum disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 568-577.	1.7	20
93	Association Between Vitamins and Amyotrophic Lateral Sclerosis: A Center-Based Survey in Mainland China. Frontiers in Neurology, 2020, 11, 488.	2.4	20
94	Two Novel SNPs in ATXN3 3â€™ UTR May Decrease Age at Onset of SCA3/MJD in Chinese Patients. PLoS ONE, 2015, 10, e0117488.	2.5	19
95	Insertion of a knockout-first cassette in Ampd1 gene leads to neonatal death by disruption of neighboring genes expression. Scientific Reports, 2016, 6, 35970.	3.3	19
96	Atoh7 promotes retinal MÃ¼ller cell differentiation into retinal ganglion cells. Cytotechnology, 2016, 68, 267-277.	1.6	19
97	A de novo mutation of SMYD1 (p.F272L) is responsible for hypertrophic cardiomyopathy in a Chinese patient. Clinical Chemistry and Laboratory Medicine, 2019, 57, 532-539.	2.3	19
98	Alteration of methylation status in the ATXN3 gene promoter region is linked to the SCA3/MJD. Neurobiology of Aging, 2017, 53, 192.e5-192.e10.	3.1	18
99	NCKAP1 Disruptive Variants Lead to a Neurodevelopmental Disorder with Core Features of Autism. American Journal of Human Genetics, 2020, 107, 963-976.	6.2	18
100	Trafficking abnormality and ER stress underlie functional deficiency of hearing impairmentassociated connexin-31 mutants. Protein and Cell, 2010, 1, 935-943.	11.0	17
101	Roles of KChIP1 in the regulation of GABA-mediated transmission and behavioral anxiety. Molecular Brain, 2010, 3, 23.	2.6	17
102	MFN2â€•related genetic and clinical features in a cohort of Chinese CMT2 patients. Journal of the Peripheral Nervous System, 2016, 21, 38-44.	3.1	17
103	A turn-on fluorescence assay of alkaline phosphatase activity using a DNAâ€“silver nanocluster probe. New Journal of Chemistry, 2018, 42, 4331-4336.	2.8	17
104	Rare inherited missense variants of POGZ associate with autism risk and disrupt neuronal development. Journal of Genetics and Genomics, 2019, 46, 247-257.	3.9	17
105	Is the High Frequency of Machado-Joseph Disease in China Due to New Mutational Origins?. Frontiers in Genetics, 2018, 9, 740.	2.3	17
106	A novel fusion suicide gene yeast CDglyTK plays a role in radio-gene therapy of nasopharyngeal carcinoma. Cancer Gene Therapy, 2004, 11, 790-796.	4.6	16
107	Label-free fluorescence turn-on detection of uracil DNA glycosylase activity based on G-quadruplex formation. Talanta, 2016, 160, 449-453.	5.5	16
108	ATXN2polymorphism modulates age at onset in Machado-Joseph disease. Brain, 2016, 139, aww176.	7.6	16

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109	Association of TNF-Î± rs1799964 and IL-1Î² rs16944 polymorphisms with multiple system atrophy in Chinese Han population. International Journal of Neuroscience, 2018, 128, 761-764.	1.6	16
110	Genomeâ€wide association analysis of autism identified multiple loci that have been reported as strong signals for neuropsychiatric disorders. Autism Research, 2020, 13, 382-396.	3.8	16
111	Hmgb1 inhibits Klotho expression and malignant phenotype in melanoma cells by activating NF-ÎºB. Oncotarget, 2016, 7, 80765-80782.	1.8	16
112	A Novel Alzheimer-Associated SNP in Tmp21 Increases Amyloidogenesis. Molecular Neurobiology, 2018, 55, 1862-1870.	4.0	15
113	Sleep Problems of Children with Autism May Independently Affect ParentalÂQuality of Life. Child Psychiatry and Human Development, 2021, 52, 488-499.	1.9	15
114	Parecoxib inhibits glioblastoma cell proliferation, migration and invasion by up-regulating miRNA-29c. Biology Open, 2017, 6, 311-316.	1.2	14
115	IGHMBP2 -related clinical and genetic features in a cohort of Chinese Charcotâ€“Marieâ€“Tooth disease type 2 patients. Neuromuscular Disorders, 2017, 27, 193-199.	0.6	14
116	Genotypeâ€“phenotype correlation and frequency of distribution in a cohort of Chinese Charcotâ€“Marieâ€“Tooth patients associated with GDAP1 mutations. Journal of Neurology, 2018, 265, 637-646.	3.6	14
117	Pathogenic variants in TNRC6B cause a genetic disorder characterised by developmental delay/intellectual disability and a spectrum of neurobehavioural phenotypes including autism and ADHD. Journal of Medical Genetics, 2020, 57, 717-724.	3.2	14
118	Autism spectrum disorder and severe social impairment associated with elevated plasma interleukin-8. Pediatric Research, 2021, 89, 591-597.	2.3	14
119	Biallelic loss-of-function variants in NEMF cause central nervous system impairment and axonal polyneuropathy. Human Genetics, 2021, 140, 579-592.	3.8	14
120	Ag nanoparticles enhance immune checkpoint blockade efficacy by promoting of immune surveillance in melanoma. Journal of Colloid and Interface Science, 2022, 616, 189-200.	9.4	14
121	Prediction of orthostatic hypotension in multiple system atrophy and Parkinson disease. Scientific Reports, 2016, 6, 21649.	3.3	13
122	Birt-Hogg-DubÃ© syndrome in two Chinese families with mutations in the FLCN gene. BMC Medical Genetics, 2018, 19, 14.	2.1	13
123	POGZ de novo missense variants in neuropsychiatric disorders. Molecular Genetics & Genomic Medicine, 2019, 7, e900.	1.2	13
124	G3BP1 may serve as a potential biomarker of proliferation, apoptosis, and prognosis in oral squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2021, 50, 995-1004.	2.7	13
125	iTRAQâ€Based Quantitative Proteomic Analysis of Nasopharyngeal Carcinoma. Journal of Cellular Biochemistry, 2015, 116, 1431-1441.	2.6	12
126	GLA variation p.E66Q identified as the genetic etiology of Fabry disease using exome sequencing. Gene, 2016, 575, 363-367.	2.2	12

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127	Novel mutations in ADSL for Adenylosuccinate Lyase Deficiency identified by the combination of Trio-WES and constantly updated guidelines. Scientific Reports, 2017, 7, 1625.	3.3	12
128	Homemade-device-induced negative pressure promotes wound healing more efficiently than VSD-induced positive pressure by regulating inflammation, proliferation and remodeling. International Journal of Molecular Medicine, 2017, 39, 879-888.	4.0	12
129	A novel NHS mutation causes Nance-Horan Syndrome in a Chinese family. BMC Medical Genetics, 2017, 18, 2.	2.1	12
130	Metformin reduces the increased risk of oral squamous cell carcinoma recurrence in patients with type 2 diabetes mellitus: A cohort study with propensity score analyses. Surgical Oncology, 2020, 35, 453-459.	1.6	12
131	Assessment of causal effects of physical activity on neurodegenerative diseases: A Mendelian randomization study. Journal of Sport and Health Science, 2021, 10, 454-461.	6.5	12
132	Analysis of the GGGGCC Repeat Expansions of the C9orf72 Gene in SCA3/MJD Patients from China. PLoS ONE, 2015, 10, e0130336.	2.5	11
133	Carnosic acid attenuates acute ethanol-induced liver injury via a SIRT1/p66Shc-mediated mitochondrial pathway. Canadian Journal of Physiology and Pharmacology, 2016, 94, 416-425.	1.4	11
134	Prediction of the Age at Onset of Spinocerebellar Ataxia Type 3 with Machine Learning. Movement Disorders, 2021, 36, 216-224.	3.9	11
135	Targeted sequencing and integrative analysis of 3,195 Chinese patients with neurodevelopmental disorders prioritized 26 novel candidate genes. Journal of Genetics and Genomics, 2021, 48, 312-323.	3.9	11
136	A novel transgenic mouse model of Chinese Charcot-Marie-Tooth disease type 2L. Neural Regeneration Research, 2014, 9, 413.	3.0	11
137	A novel defined hypoxia-related gene signature to predict the prognosis of oral squamous cell carcinoma. Annals of Translational Medicine, 2021, 9, 1565-1565.	1.7	11
138	Silica nanoparticle is a possible safe carrier for gene therapy. Science Bulletin, 2005, 50, 2323-2327.	1.7	10
139	Ubiquitin-related network underlain by (CAG)n loci modulate age at onset in Machado-Joseph disease. Brain, 2017, 140, e25-e25.	7.6	10
140	CD147 promotes proliferation and migration of oral cancer cells by inhibiting junctions between Eâ€cadherin and Î²â€catenin. Journal of Oral Pathology and Medicine, 2020, 49, 1019-1029.	2.7	10
141	Common genetic variants shared among five major psychiatric disorders: a large-scale genome-wide combined analysis. Global Clinical and Translational Research, 2019, , 21-30.	0.3	10
142	New ZNF644 mutations identified in patients with high myopia. Molecular Vision, 2014, 20, 939-46.	1.1	10
143	Genetic Diagnosis of Two Dopa-Responsive Dystonia Families by Exome Sequencing. PLoS ONE, 2014, 9, e106388.	2.5	9
144	Association and geneâ€“gene interactions study of reelin signaling pathway related genes with autism in the <scp>H</scp>an <scp>C</scp>hinese population. Autism Research, 2016, 9, 436-442.	3.8	9

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145	Pathogenic missense mutation pattern of forkhead box genes in neurodevelopmental disorders. Molecular Genetics & Genomic Medicine, 2019, 7, e00789.	1.2	9
146	A Comparative Study of Genetic Profiles of Key Oncogenesis-Related Genes between Primary Lesions and Matched Lymph Nodes Metastasis in Lung Cancer. Journal of Cancer, 2019, 10, 1642-1650.	2.5	9
147	Genotype and Phenotype Correlations for TBL1XR1 in Neurodevelopmental Disorders. Journal of Molecular Neuroscience, 2020, 70, 2085-2092.	2.3	9
148	Singleâ€cell analysis of nonhuman primate preimplantation development in comparison to humans and mice. Developmental Dynamics, 2021, 250, 974-985.	1.8	9
149	SLC39A5 dysfunction impairs extracellular matrix synthesis in high myopia pathogenesis. Journal of Cellular and Molecular Medicine, 2021, 25, 8432-8441.	3.6	9
150	Thioflavin T as a fluorescence probe for label-free detection of T4 polynucleotide kinase/phosphatase and its inhibitors. Molecular and Cellular Probes, 2015, 29, 500-502.	2.1	8
151	Identification of aGJA3Mutation in a Large Family with Bilateral Congenital Cataract. DNA and Cell Biology, 2016, 35, 135-139.	1.9	8
152	Blood Neurofilament Light Chain in Genetic Ataxia: A Metaâ€Analysis. Movement Disorders, 2022, 37, 171-181.	3.9	8
153	Targeted Next-Generation Sequencing Revealed Novel Mutations in Chinese Ataxia Telangiectasia Patients: A Precision Medicine Perspective. PLoS ONE, 2015, 10, e0139738.	2.5	8
154	Genetic and clinical analyses of spinocerebellar ataxia type 8 in mainland China. Journal of Neurology, 2019, 266, 2979-2986.	3.6	7
155	Development of Chinese genetic reference panel for Fragile X Syndrome and its application to the screen of 10,000 Chinese pregnant women and women planning pregnancy. Molecular Genetics & Genomic Medicine, 2020, 8, e1236.	1.2	7
156	Effects of Sleep Disturbances on Behavioral Problems in Preschool Children With Autism Spectrum Disorder. Frontiers in Psychiatry, 2020, 11, 559694.	2.6	7
157	New Model for Estimation of the Age at Onset in Spinocerebellar Ataxia Type 3. Neurology, 2021, 96, e2885-e2895.	1.1	7
158	Anxiety and depression in spinocerebellar ataxia patients during the COVID-19 pandemic in China: A cross-sectional study. Journal of Clinical Neuroscience, 2021, 88, 39-46.	1.5	7
159	Type 2 diabetes mellitus promotes the proliferation, metastasis, and suppresses the apoptosis in oral squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2022, 51, 483-492.	2.7	7
160	Integrative Multiâ˜Omics Analysis Reveals Candidate Biomarkers for Oral Squamous Cell Carcinoma. Frontiers in Oncology, 2021, 11, 794146.	2.8	7
161	Performance Comparison of Computational Methods for the Prediction of the Function and Pathogenicity of Non-Coding Variants. Genomics, Proteomics and Bioinformatics, 2023, 21, 649-661.	6.9	7
162	Loss-of-function of KMT5B leads to neurodevelopmental disorder and impairs neuronal development and neurogenesis. Journal of Genetics and Genomics, 2022, 49, 881-890.	3.9	7

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163	C9orf72 hexanucleotide expansion analysis in Chinese patients with multiple system atrophy. Parkinsonism and Related Disorders, 2015, 21, 811-812.	2.2	6
164	Psychiatric genetics in China: achievements and challenges. Molecular Psychiatry, 2016, 21, 4-9.	7.9	6
165	Does Maternal Normal Range Thyroid Function Play a Role in Offspring Birth Weight? Evidence From a Mendelian Randomization Analysis. Frontiers in Endocrinology, 2020, 11, 601956.	3.5	6
166	De novo mutations in folate-related genes associated with common developmental disorders. Computational and Structural Biotechnology Journal, 2021, 19, 1414-1422.	4.1	6
167	Anesthesia, sex and miscarriage history may influence the association between cesarean delivery and autism spectrum disorder. BMC Pediatrics, 2021, 21, 62.	1.7	6
168	Harmine targets inhibitor of DNA bindingâ€2 and activator proteinâ€1 to promote preosteoclast PDGFâ€BB production. Journal of Cellular and Molecular Medicine, 2021, 25, 5525-5533.	3.6	6
169	Altered Gut Microbiome in Autism Spectrum Disorder: Potential Mechanism and Implications for Clinical Intervention. Global Clinical and Translational Research, 2019, , 45-52.	0.3	6
170	DEC1: a potential biomarker of malignant transformation in oral leukoplakia. Brazilian Oral Research, 2020, 34, e052.	1.4	6
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