Feng Zhang

List of Publications by Year
in descending order

249 papers	25,678 citations	44444 50 h-index	8878 150 g-index
252 all docs	252 docs citations	252 times ranked	42888 citing authors

#	Article	IF	Citations
1	Homozygous variants inAKAP3induce asthenoteratozoospermia and male infertility. Journal of Medical Genetics, 2023, 60, 137-143.	1.5	9
2	Haploinsufficiency in non-homologous end joining factor 1 induces ovarian dysfunction in humans and mice. Journal of Medical Genetics, 2022, 59, 579-588.	1.5	3
3	Homozygous mutations in CCDC34 cause male infertility with oligoasthenoteratozoospermia in humans and mice. Journal of Medical Genetics, 2022, 59, 710-718.	1.5	20
4	Rice GLUTATHIONE PEROXIDASE1-mediated oxidation of bZIP68 positively regulates ABA-independent osmotic stress signaling. Molecular Plant, 2022, 15, 651-670.	3.9	20
5	Homozygous mutation in SLO3 leads to severe asthenoteratozoospermia due to acrosome hypoplasia and mitochondrial sheath malformations. Reproductive Biology and Endocrinology, 2022, 20, 5.	1.4	11
6	Chromosome-Level Genome Assembly of Anthidium xuezhongi Niu & Zhu, 2020 (Hymenoptera: Apoidea:) Tj ETQq0 0 0 rgBT /Overlock 1	1.1	1
7	HSD17B12 dosage insufficiency induced premature ovarian insufficiency in humans and mice. Clinical and Translational Medicine, 2022, 12, e737.	1.7	0
8	CEP128 is involved in spermatogenesis in humans and mice. Nature Communications, 2022, 13, 1395.	5.8	23
9	Mitogenomic features of three species of Entomobryoidea (Collembola) from China. Zootaxa, 2022, 5120, 283-288.	0.2	1
10	Testing the systematic status of Homalictus and Rostrohalictus with weakened crossâ€vein groups within Halictini (Hymenoptera: Halictidae) using lowâ€coverage wholeâ€genome sequencing. Insect Science, 2022, 29, 1819-1833.	1.5	7
11	Deficiency of X-linked TENT5D causes male infertility by disrupting the mRNA stability during spermatogenesis. Cell Discovery, 2022, 8, 23.	3.1	12
12	Phylogenomics of Elongate-Bodied Springtails Reveals Independent Transitions from Aboveground to Belowground Habitats in Deep Time. Systematic Biology, 2022, 71, 1023-1031.	2.7	10
13	A recurrent SHANK1 mutation implicated in autism spectrum disorder causes autistic-like core behaviors in mice via downregulation of mGluR1-IP3R1-calcium signaling. Molecular Psychiatry, 2022, 27, 2985-2998.	4.1	12
14	Molecular mechanisms underlying cTAGE5/MEA6-mediated cargo transport and biological functions. Journal of Genetics and Genomics, 2022, 49, 519-522.	1.7	2
15	Human pathogenic RNA viruses establish noncompeting lineages by occupying independent niches. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	9
16	Homozygous Variant in KASH5 Causes Premature Ovarian Insufficiency by Disordered Meiotic Homologous Pairing. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 2589-2597.	1.8	7
17	Epigenetic features drastically impact CRISPRâ€“Cas9 efficacy in plants. Plant Physiology, 2022, 190, 1153-1164.	2.3	25
18	Diagnostic yield and clinical impact of exome sequencing in early-onset scoliosis (EOS). Journal of Medical Genetics, 2021, 58, 41-47.	1.5	40

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19	The coordination of guard-cell autonomous ABA synthesis and DES1 function in situ regulates plant water deficit responses. Journal of Advanced Research, 2021, 27, 191-197.	4.4	28
20	A heterozygous hypomorphic mutation of Fanca causes impaired follicle development and subfertility in female mice. Molecular Genetics and Genomics, 2021, 296, 103-112.	1.0	9
21	Novel lossâ€ofâ€function variants in <scp>DNAH17</scp> cause multiple morphological abnormalities of the sperm flagella in humans and mice. Clinical Genetics, 2021, 99, 176-186.	1.0	26
22	Whole exome sequencing and trio analysis to broaden the variant spectrum of genes in idiopathic hypogonadotropic hypogonadism. Asian Journal of Andrology, 2021, 23, 288.	0.8	5
23	Deleterious variants in X-linked CFAP47 induce asthenoteratozoospermia and primary male infertility. American Journal of Human Genetics, 2021, 108, 309-323.	2.6	74
24	Perturbations of genes essential for MÃ¼llerian duct and WÃ¶lffian duct development in Mayer-Rokitansky-KÃ¼ster-Hauser syndrome. American Journal of Human Genetics, 2021, 108, 337-345.	2.6	41
25	A chromosome-level genome of the spider Trichonephila antipodiana reveals the genetic basis of its polyphagy and evidence of an ancient whole-genome duplication event. GigaScience, 2021, 10, .	3.3	187
26	A mitogenomic phylogeny of the Entomobryoidea (Collembola): A comparative perspective. Zoologica Scripta, 2021, 50, 658-666.	0.7	5
27	Genome-wide CRISPR screens reveal synthetic lethal interaction between CREBBP and EP300 in diffuse large B-cell lymphoma. Cell Death and Disease, 2021, 12, 419.	2.7	21
28	Novel bi-allelic variants in DNAH2 cause severe asthenoteratozoospermia with multiple morphological abnormalities of the flagella. Reproductive BioMedicine Online, 2021, 42, 963-972.	1.1	19
29	Temporal transcriptomic landscape of postnatal mouse ovaries reveals dynamic gene signatures associated with ovarian aging. Human Molecular Genetics, 2021, 30, 1941-1954.	1.4	8
30	Loss of DRC1 function leads to multiple morphological abnormalities of the sperm flagella and male infertility in human and mouse. Human Molecular Genetics, 2021, 30, 1996-2011.	1.4	26
31	Novel Mutations in X-Linked, USP26-Induced Asthenoteratozoospermia and Male Infertility. Cells, 2021, 10, 1594.	1.8	6
32	CFAP65 is required in the acrosome biogenesis and mitochondrial sheath assembly during spermiogenesis. Human Molecular Genetics, 2021, 30, 2240-2254.	1.4	18
33	Bi-allelic truncating variants in CFAP206 cause male infertility in human and mouse. Human Genetics, 2021, 140, 1367-1377.	1.8	23
34	Genome mapping coupled with CRISPR gene editing reveals a P450 gene confers avermectin resistance in the beet armyworm. PLoS Genetics, 2021, 17, e1009680.	1.5	44
35	Ongoing global and regional adaptive evolution of SARS-CoV-2. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	196
36	Bi-allelic mutations of DNAH10 cause primary male infertility with asthenoteratozoospermia in humans and mice. American Journal of Human Genetics, 2021, 108, 1466-1477.	2.6	50

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37	First record of Seira dowlingi (Wray, 1953) (Collembola, Entomobryidae, Seirinae) from China and mitogenome comparison with the New World specimens. Zootaxa, 2021, 5020, 191-196.	0.2	4
38	Molecular basis of cerium oxide nanoparticle enhancement of rice salt tolerance and yield. Environmental Science: Nano, 2021, 8, 3294-3311.	2.2	36
39	A recurrent rare intronic variant in CAPN3 alters mRNA splicing and causes autosomal recessive limbâ€girdle muscular dystrophyâ€1 in three Pakistani pedigrees. American Journal of Medical Genetics, Part A, 2021, , .	0.7	0
40	Whole exome sequencing identified a rare WT1 lossâ€ofâ€function variant in a nonâ€syndromic POI patient. Molecular Genetics & Genomic Medicine, 2021, , e1820.	0.6	2
41	Familial Translocation t(2;4) (q37.3;p16.3), Resulting in a Partial Trisomy of 2q (or 4p) and a Partial Monosomy of 4p (or 2q), Causes Dysplasia. Frontiers in Genetics, 2021, 12, 741607.	1.1	0
42	Persulfidation of Nitrate Reductase 2 Is Involved in l-Cysteine Desulfhydrase-Regulated Rice Drought Tolerance. International Journal of Molecular Sciences, 2021, 22, 12119.	1.8	18
43	Homozygous mutations inSPEF2induce multiple morphological abnormalities of the sperm flagella and male infertility. Journal of Medical Genetics, 2020, 57, 31-37.	1.5	57
44	Biallelic mutations inCFAP65cause male infertility with multiple morphological abnormalities of the sperm flagella in humans and mice. Journal of Medical Genetics, 2020, 57, 89-95.	1.5	55
45	Joint utilization of genetic analysis and semi-cloning technology reveals a digenic etiology of MÃ¼llerian anomalies. Cell Research, 2020, 30, 91-94.	5.7	10
46	Xq22 deletions and correlation with distinct neurological disease traits in females: Further evidence for a contiguous gene syndrome. Human Mutation, 2020, 41, 150-168.	1.1	15
47	The Nuclear Matrix Protein SAFB Cooperates with Major Satellite RNAs to Stabilize Heterochromatin Architecture Partially through Phase Separation. Molecular Cell, 2020, 77, 368-383.e7.	4.5	104
48	TBX6 missense variants expand the mutational spectrum in a nonâ€Mendelian inheritance disease. Human Mutation, 2020, 41, 182-195.	1.1	27
49	MircroRNA-10b Promotes Human Embryonic Stem Cell-Derived Cardiomyocyte Proliferation via Novel Target Gene LATS1. Molecular Therapy - Nucleic Acids, 2020, 19, 437-445.	2.3	14
50	Hydrogen sulfide promotes rice drought tolerance via reestablishing redox homeostasis and activation of ABA biosynthesis and signaling. Plant Physiology and Biochemistry, 2020, 155, 213-220.	2.8	48
51	Rationally Designed APOBEC3B Cytosine Base Editors with Improved Specificity. Molecular Cell, 2020, 79, 728-740.e6.	4.5	104
52	Rare deleterious BUB1B variants induce premature ovarian insufficiency and early menopause. Human Molecular Genetics, 2020, 29, 2698-2707.	1.4	13
53	Bi-allelic Loss-of-function Variants in CFAP58 Cause Flagellar Axoneme and Mitochondrial Sheath Defects and Asthenoteratozoospermia in Humans and Mice. American Journal of Human Genetics, 2020, 107, 514-526.	2.6	71
54	Molecular structure and evolution mechanism of two populations of double minutes in human colorectal cancer cells. Journal of Cellular and Molecular Medicine, 2020, 24, 14205-14216.	1.6	9

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55	Unsupervised Inference of Developmental Directions for Single Cells Using VECTOR. Cell Reports, 2020, 32, 108069.	2.9	11
56	A DNAH17 missense variant causes flagella destabilization and asthenozoospermia. Journal of Experimental Medicine, 2020, 217, .	4.2	88
57	Human Pluripotent Stem Cell-Derived Neural Cells and Brain Organoids Reveal SARS-CoV-2 Neurotropism Predominates in Choroid Plexus Epithelium. Cell Stem Cell, 2020, 27, 937-950.e9.	5.2	314
58	Disruption in ACTL7A causes acrosomal ultrastructural defects in human and mouse sperm as a novel male factor inducing early embryonic arrest. Science Advances, 2020, 6, eaaz4796.	4.7	50
59	Bi-allelic SHOC1 loss-of-function mutations cause meiotic arrest and non-obstructive azoospermia. Journal of Medical Genetics, 2020, 58, jmedgenet-2020-107042.	1.5	20
60	The First Draft Genome of the Plasterer Bee Colletes gigas (Hymenoptera: Colletidae: Colletes). Genome Biology and Evolution, 2020, 12, 860-866.	1.1	12
61	Homology of labial chaetae in Entomobryoidea (Collembola). Zootaxa, 2020, 4766, zootaxa.4766.3.8.	0.2	6
62	Bi-allelic DNAH8 Variants Lead to Multiple Morphological Abnormalities of the Sperm Flagella and Primary Male Infertility. American Journal of Human Genetics, 2020, 107, 330-341.	2.6	111
63	DVL mutations identified from human neural tube defects and Dandy-Walker malformation obstruct the Wnt signaling pathway. Journal of Genetics and Genomics, 2020, 47, 301-310.	1.7	6
64	Streamlining universal singleâ€copy orthologue and ultraconserved element design: A case study in Collembola. Molecular Ecology Resources, 2020, 20, 706-717.	2.2	10
65	Patients with severe asthenoteratospermia carrying SPAG6 or RSPH3 mutations have a positive pregnancy outcome following intracytoplasmic sperm injection. Journal of Assisted Reproduction and Genetics, 2020, 37, 829-840.	1.2	30
66	Mitochondrial genome of Brachystomella parvula (Collembola: Brachystomellidae). Mitochondrial DNA Part B: Resources, 2020, 5, 104-105.	0.2	1
67	Phylogeny of Neotropical Seirinae (Collembola, Entomobryidae) based on mitochondrial genomes. Zoologica Scripta, 2020, 49, 329-339.	0.7	11
68	A novel homozygous mutation in WDR19 induces disorganization of microtubules in sperm flagella and nonsyndromic asthenoteratospermia. Journal of Assisted Reproduction and Genetics, 2020, 37, 1431-1439.	1.2	35
69	Rare mutations in the autophagyâ€regulating gene AMBRA1 contribute to human neural tube defects. Human Mutation, 2020, 41, 1383-1393.	1.1	15
70	A novel hemizygous loss-of-function mutation in ADGRG2 causes male infertility with congenital bilateral absence of the vas deferens. Journal of Assisted Reproduction and Genetics, 2020, 37, 1421-1429.	1.2	11
71	Different Gene Networks Are Disturbed by Zika Virus Infection in A Mouse Microcephaly Model. Genomics, Proteomics and Bioinformatics, 2020, 18, 737-748.	3.0	12
72	Human and mouse studies establish TBX6 in Mendelian CAKUT and as a potential driver of kidney defects associated with the 16p11.2 microdeletion syndrome. Kidney International, 2020, 98, 1020-1030.	2.6	17

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73	A fertile male with a single sY86 deletion on the Y chromosome. Asian Journal of Andrology, 2020, 22, 333.	0.8	2
74	Novel compound heterozygous variants in dynein axonemal heavy chain 17 cause asthenoteratospermia with sperm flagellar defects. Journal of Genetics and Genomics, 2020, 47, 713-717.	1.7	6
75	A putative rice l-cysteine desulfhydrase encodes a true l-cysteine synthase that regulates plant cadmium tolerance. Plant Growth Regulation, 2019, 89, 217-226.	1.8	20
76	The discovery of Neotropical Lepidosira (Collembola, Entomobryidae) and its systematic position. Zoologica Scripta, 2019, 48, 783-800.	0.7	6
77	Sequence characterization of RET in 117 Chinese Hirschsprung disease families identifies a large burden of de novo and parental mosaic mutations. Orphanet Journal of Rare Diseases, 2019, 14, 237.	1.2	10
78	Bi-allelic Mutations in TTC29 Cause Male Subfertility with Asthenoteratospermia in Humans and Mice. American Journal of Human Genetics, 2019, 105, 1168-1181.	2.6	62
79	Rare variants in FANCA induce premature ovarian insufficiency. Human Genetics, 2019, 138, 1227-1236.	1.8	56
80	A novel approach to remove the batch effect of single-cell data. Cell Discovery, 2019, 5, 46.	3.1	37
81	A High-quality Draft Genome Assembly ofSinella curviseta: A Soil Model Organism (Collembola). Genome Biology and Evolution, 2019, 11, 521-530.	1.1	13
82	Loss-of-function mutations in QRICH2 cause male infertility with multiple morphological abnormalities of the sperm flagella. Nature Communications, 2019, 10, 433.	5.8	108
83	Bi-allelic Mutations in ARMC2 Lead to Severe Astheno-Teratozoospermia Due to Sperm Flagellum Malformations in Humans and Mice. American Journal of Human Genetics, 2019, 104, 331-340.	2.6	113
84	A de novo mutation in DHD domain of SKI causing spina bifida with no craniofacial malformation or intellectual disability. American Journal of Medical Genetics, Part A, 2019, 179, 936-939.	0.7	3
85	Cytosine, but not adenine, base editors induce genome-wide off-target mutations in rice. Science, 2019, 364, 292-295.	6.0	491
86	BRCA2 in Ovarian Development and Function. New England Journal of Medicine, 2019, 380, 1086-1087.	13.9	38
87	Bi-allelic Mutations in TTC21A Induce Asthenoteratospermia in Humans and Mice. American Journal of Human Genetics, 2019, 104, 738-748.	2.6	103
88	PhenoPro: a novel toolkit for assisting in the diagnosis of Mendelian disease. Bioinformatics, 2019, 35, 3559-3566.	1.8	27
89	Homozygous loss-of-function mutations in FSIP2 cause male infertility with asthenoteratospermia. Journal of Genetics and Genomics, 2019, 46, 53-56.	1.7	31
90	NovelCFAP43 andCFAP44 mutations cause male infertility with multiple morphological abnormalities of the sperm flagella (MMAF). Reproductive BioMedicine Online, 2019, 38, 769-778.	1.1	26

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91	Noncoding rare variants of TBX6 in congenital anomalies of the kidney and urinary tract. Molecular Genetics and Genomics, 2019, 294, 493-500.	1.0	8
92	Whole-exome sequencing reveals SALL4 variants in premature ovarian insufficiency: an update on genotypeâ€“phenotype correlations. Human Genetics, 2019, 138, 83-92.	1.8	27
93	A novel multiplex fluorescent competitive PCR for copy number variation detection. Genomics, 2019, 111, 1745-1751.	1.3	1
94	The copy number variation landscape of congenital anomalies of the kidney and urinary tract. Nature Genetics, 2019, 51, 117-127.	9.4	144
95	Novel homozygousCFAP69mutations in humans and mice cause severe asthenoteratospermia with multiple morphological abnormalities of the sperm flagella. Journal of Medical Genetics, 2019, 56, 96-103.	1.5	70
96	Phylogenomics from lowâ€coverage wholeâ€genome sequencing. Methods in Ecology and Evolution, 2019, 10, 507-517.	2.2	59
97	TBX6-associated congenital scoliosis (TACS) as a clinically distinguishable subtype of congenital scoliosis: further evidence supporting the compound inheritance and TBX6 gene dosage model. Genetics in Medicine, 2019, 21, 1548-1558.	1.1	60
98	TBX6 compound inheritance leads to congenital vertebral malformations in humans and mice. Human Molecular Genetics, 2019, 28, 539-547.	1.4	46
99	Biallelic mutations of CFAP251 cause sperm flagellar defects and human male infertility. Journal of Human Genetics, 2019, 64, 49-54.	1.1	56
100	Molecular phylogeny of Entomobrya (Collembola: Entomobryidae) from China: Color pattern groups and multiple origins. Insect Science, 2019, 26, 587-597.	1.5	15
101	Phenotypic heterogeneity of intellectual disability in patients with congenital insensitivity to pain with anhidrosis: A case report and literature review. Journal of International Medical Research, 2018, 46, 2445-2457.	0.4	11
102	Species delimitation in the morphologically conserved Coecobrya (Collembola:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (Ent taxonomy. Zoologica Scripta, 2018, 47, 342-356.	0.7	33
103	The nuclear matrix protein HNRNPU maintains 3D genome architecture globally in mouse hepatocytes. Genome Research, 2018, 28, 192-202.	2.4	91
104	RET somatic mutations are underrecognized in Hirschsprung disease. Genetics in Medicine, 2018, 20, 770-777.	1.1	24
105	Colouration, chaetotaxy and molecular data provide species-level resolution in a species complex of Dicranocentrus (Collembola : Entomobryidae). Invertebrate Systematics, 2018, 32, 1298.	0.5	9
106	Elevated microRNA-520d-5p in the serum of patients with Parkinson's disease, possibly through regulation of cereloplasmin expression. Neuroscience Letters, 2018, 687, 88-93.	1.0	14
107	Deletion of exon 4 in LAMA2 is the most frequent mutation in Chinese patients with laminin Î±2-related muscular dystrophy. Scientific Reports, 2018, 8, 14989.	1.6	17
108	cTAGE5/MEA6 plays a critical role in neuronal cellular components trafficking and brain development. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9449-E9458.	3.3	18

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109	The coexistence of copy number variations (CNVs) and single nucleotide polymorphisms (SNPs) at a locus can result in distorted calculations of the significance in associating SNPs to disease. Human Genetics, 2018, 137, 553-567.	1.8	57
110	A new species of Dicranocentrus SchÃ¶tt from Hainan (China) with a key to the Chinese species of the genus (Collembola, Entomobryidae). ZooKeys, 2018, 762, 59-68.	0.5	3
111	A revision of the genus Lepidobrya Womersley (Collembola: Entomobryidae) based on morphology and sequence data of the genotype. Zootaxa, 2017, 4221, zootaxa.4221.5.2.	0.2	5
112	An Organismal CNV Mutator Phenotype Restricted to Early Human Development. Cell, 2017, 168, 830-842.e7.	13.5	66
113	Copy number variants of ABCF1, IL17REL, and FCGR3A are associated with the risk of gout. Protein and Cell, 2017, 8, 467-470.	4.8	11
114	Biallelic Mutations in CFAP43 and CFAP44 Cause Male Infertility with Multiple Morphological Abnormalities of the Sperm Flagella. American Journal of Human Genetics, 2017, 100, 854-864.	2.6	220
115	Efficient CNV breakpoint analysis reveals unexpected structural complexity and correlation of dosage-sensitive genes with clinical severity in genomic disorders. Human Molecular Genetics, 2017, 26, 1927-1941.	1.4	20
116	A single mutation in the prM protein of Zika virus contributes to fetal microcephaly. Science, 2017, 358, 933-936.	6.0	399
117	Delimiting species of Protaphorura (Collembola: Onychiuridae): integrative evidence based on morphology, DNA sequences and geography. Scientific Reports, 2017, 7, 8261.	1.6	16
118	CNVbase: Batch identification of novel and rare copy number variations based on multi-ethnic population data. Journal of Genetics and Genomics, 2017, 44, 367-370.	1.7	1
119	SPRINT: an SNP-free toolkit for identifying RNA editing sites. Bioinformatics, 2017, 33, 3538-3548.	1.8	64
120	A TBX5 3â€²UTR variant increases the risk of congenital heart disease in the Han Chinese population. Cell Discovery, 2017, 3, 17026.	3.1	23
121	cTAGE5 deletion in pancreatic Î² cells impairs proinsulin trafficking and insulin biogenesis in mice. Journal of Cell Biology, 2017, 216, 4153-4164.	2.3	32
122	American Strain of Zika Virus Causes More Severe Microcephaly Than an Old Asian Strain in Neonatal Mice. EBioMedicine, 2017, 25, 95-105.	2.7	47
123	Assessing genome-wide copy number variation in the Han Chinese population. Journal of Medical Genetics, 2017, 54, 685-692.	1.5	7
124	Interaction between Y chromosome haplogroup O3* and 4-n-octylphenol exposure reduces the susceptibility to spermatogenic impairment in Han Chinese. Ecotoxicology and Environmental Safety, 2017, 144, 450-455.	2.9	3
125	Three new species of Coecobrya (Collembola: Entomobryidae) from caves in the Thai Peninsula. Zootaxa, 2017, 4286, 187.	0.2	10
126	Generation of special autosomal dominant polycystic kidney disease iPSCs with the capability of functional kidney-like cell differentiation. Stem Cell Research and Therapy, 2017, 8, 196.	2.4	4

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127	New Australian Paronellidae (Collembola) reveal anomalies in existing tribal diagnoses. Invertebrate Systematics, 2017, 31, 375.	0.5	13
128	SIX2 haploinsufficiency causes conductive hearing loss with ptosis in humans. Journal of Human Genetics, 2016, 61, 917-922.	1.1	12
129	MAZ mediates the cross-talk between CT-1 and NOTCH1 signaling during gliogenesis. Scientific Reports, 2016, 6, 21534.	1.6	16
130	Dental scales could occur in all scaled subfamilies of Entomobryidae (Collembola): new definition of Entomobryinae with description of a new genus and three new species. Invertebrate Systematics, 2016, 30, 598.	0.5	9
131	A Novel c-Jun N-terminal Kinase (JNK) Signaling Complex Involved in Neuronal Migration during Brain Development. Journal of Biological Chemistry, 2016, 291, 11466-11475.	1.6	33
132	Copy Number Variation of HLA-DQA1 and APOBEC3A/3B Contribute to the Susceptibility of Systemic Sclerosis in the Chinese Han Population. Journal of Rheumatology, 2016, 43, 880-886.	1.0	4
133	New cave species of Sinella Brook, 1882 from China (Collembola: Entomobryidae). Zootaxa, 2016, 4161, 523.	0.2	1
134	Supplementary descriptive notes of the Sinella and Coecobrya (Collembola: Entomobryidae) species from North America, Hawaii and Japan. Zootaxa, 2016, 4085, 536-56.	0.2	0
135	The B-cell receptor BR3 modulates cellular branching via Rac1 during neuronal migration. Journal of Molecular Cell Biology, 2016, 8, 363-365.	1.5	1
136	New insight into the systematics of Tomoceridae (Hexapoda, Collembola) by integrating molecular and morphological evidence. Zoologica Scripta, 2016, 45, 286-299.	0.7	25
137	Mea6 controls VLDL transport through the coordinated regulation of COPII assembly. Cell Research, 2016, 26, 787-804.	5.7	34
138	Association of a TDRD1 variant with spermatogenic failure susceptibility in the Han Chinese. Journal of Assisted Reproduction and Genetics, 2016, 33, 1099-1104.	1.2	8
139	Autism-like behaviours and germline transmission in transgenic monkeys overexpressing MeCP2. Nature, 2016, 530, 98-102.	13.7	260
140	Two novel copy number variations involving the Î±-globin gene cluster on chromosome 16 cause thalassemia in two Chinese families. Molecular Genetics and Genomics, 2016, 291, 1443-1450.	1.0	22
141	Clinical and molecular genetic analysis of a family with late-onset LAMA2-related muscular dystrophy. Brain and Development, 2016, 38, 242-249.	0.6	16
142	Progress and perspective ofTBX6gene in congenital vertebral malformations. Oncotarget, 2016, 7, 57430-57441.	0.8	24
143	New blind species and new records of Sinella from Nanjing, China (Collembola, Entomobryidae). ZooKeys, 2016, 604, 31-40.	0.5	2
144	Cave-dwelling Coecobrya from southern China with a survey of clypeal chaetae in Entomobryoidea (Collembola). European Journal of Taxonomy, 2016, , .	0.6	5

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145	Contribution to the Willowsia species having body scales of the long basal rib type: four new species and a redescription of W. qui (Collembola: Entomobryidae). European Journal of Taxonomy, 2016, , .	0.6	0
146	Genome-wide copy number variant analysis for congenital ventricular septal defects in Chinese Han population. BMC Medical Genomics, 2015, 9, 2.	0.7	20
147	Molecular phylogeny supports S-chaetae as a key character better than jumping organs and body scales in classification of Entomobryoidea (Collembola). Scientific Reports, 2015, 5, 12471.	1.6	27
148	MacroH2A1 associates with nuclear lamina and maintains chromatin architecture in mouse liver cells. Scientific Reports, 2015, 5, 17186.	1.6	44
149	Fifteen Novel EIF2B1-5 Mutations Identified in Chinese Children with Leukoencephalopathy with Vanishing White Matter and a Long Term Follow-Up. PLoS ONE, 2015, 10, e0118001.	1.1	17
150	A revision of Pseudoparonella, Plumachaetas, Parachaetoceras and Lawrenceana (Collembola: Paronellidae), with description of three new species from New Caledonia . Zootaxa, 2015, 4058, 561.	0.2	2
151	Some Willowsia from Nepal and Vietnam (Collembola: Entomobryidae) and description of one new species . Zootaxa, 2015, 3905, 489.	0.2	3
152	Two closely related Homidia species (Entomobryidae, Collembola) revealed by morphological and molecular evidence. Zootaxa, 2015, 3918, 285-94.	0.2	11
153	First instar tibiotarsal chaetotaxy supports the Entomobryidae and Symphypleona (Collembola) forming a cluster in a phylogenetic tree. Zootaxa, 2015, 3955, 487.	0.2	8
154	Contribution to the eyed Sinella from China: two new species and additional reports on nine known species (Collembola: Entomobryidae). Zootaxa, 2015, 3973, 474-90.	0.2	3
155	TBX6 Null Variants and a Common Hypomorphic Allele in Congenital Scoliosis. New England Journal of Medicine, 2015, 372, 341-350.	13.9	239
156	Systematic revision of Entomobryidae (<scp>C</scp>ollembola) by integrating molecular and new morphological evidence. Zoologica Scripta, 2015, 44, 298-311.	0.7	67
157	Non-coding genetic variants in human disease: Figure 1.. Human Molecular Genetics, 2015, 24, R102-R110.	1.4	466
158	Two new species of Coecobrya (Collembola, Entomobryidae) from China, with an updated key to the Chinese species of the genus. ZooKeys, 2015, 498, 17-28.	0.5	5
159	CNV instability associated with DNA replication dynamics: evidence for replicative mechanisms in CNV mutagenesis. Human Molecular Genetics, 2015, 24, 1574-1583.	1.4	15
160	Correlation between frequency of non-allelic homologous recombination and homology properties: evidence from homology-mediated CNV mutations in the human genome. Human Molecular Genetics, 2015, 24, 1225-1233.	1.4	14
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