Feng Zhang

List of Publications by Year
in descending order

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355 papers	78,449 citations	2742 96 h-index	608 259 g-index
413 all docs	413 docs citations	413 times ranked	93681 citing authors

#	Article	IF	Citations
1	Development and Applications of CRISPR-Cas9 for Genome Engineering. Cell, 2014, 157, 1262-1278.	27.8	4,783
2	Improved vectors and genome-wide libraries for CRISPR screening. Nature Methods, 2014, 11, 783-784.	19.6	4,297
3	Cpf1 Is a Single RNA-Guided Endonuclease of a Class 2 CRISPR-Cas System. Cell, 2015, 163, 759-771.	27.8	3,749
4	Genome-scale transcriptional activation by an engineered CRISPR-Cas9 complex. Nature, 2015, 517, 583-588.	36.2	2,374
5	RNA-guided editing of bacterial genomes using CRISPR-Cas systems. Nature Biotechnology, 2013, 31, 233-239.	20.8	2,134
6	Crystal Structure of Cas9 in Complex with Guide RNA and Target DNA. Cell, 2014, 156, 935-949.	27.8	1,789
7	MAGeCK enables robust identification of essential genes from genome-scale CRISPR/Cas9 knockout screens. Genome Biology, 2014, 15, 554.	9.2	1,771
8	C2c2 is a single-component programmable RNA-guided RNA-targeting CRISPR effector. Science, 2016, 353, aaf5573.	20.9	1,757
9	CRISPR-Cas9 Knockin Mice for Genome Editing and Cancer Modeling. Cell, 2014, 159, 440-455.	27.8	1,643
10	Evolutionary classification of CRISPRâ€“Cas systems: a burst of class 2 and derived variants. Nature Reviews Microbiology, 2020, 18, 67-83.	29.2	1,610
11	RNA targeting with CRISPRâ€“Cas13. Nature, 2017, 550, 280-284.	36.2	1,543
12	Therapeutic genome editing: prospects and challenges. Nature Medicine, 2015, 21, 121-131.	30.1	1,077
13	High-throughput functional genomics using CRISPRâ€“Cas9. Nature Reviews Genetics, 2015, 16, 299-311.	16.7	1,037
14	Discovery and Functional Characterization of Diverse Class 2 CRISPR-Cas Systems. Molecular Cell, 2015, 60, 385-397.	9.6	1,021
15	Perturbation of m6A Writers Reveals Two Distinct Classes of mRNA Methylation at Internal and 5â€² Sites. Cell Reports, 2014, 8, 284-296.	6.3	1,013
16	Programmable repression and activation of bacterial gene expression using an engineered CRISPR-Cas system. Nucleic Acids Research, 2013, 41, 7429-7437.	14.0	1,010
17	Efficient genome editing in plants using a CRISPR/Cas system. Cell Research, 2013, 23, 1229-1232.	12.2	968
18	Massively parallel single-nucleus RNA-seq with DroNc-seq. Nature Methods, 2017, 14, 955-958.	19.6	912

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19	Genome-wide binding of the CRISPR endonuclease Cas9 in mammalian cells. Nature Biotechnology, 2014, 32, 670-676.	20.8	855
20	Diversity and evolution of class 2 CRISPRâ€“Cas systems. Nature Reviews Microbiology, 2017, 15, 169-182.	29.2	840
21	Genome-wide CRISPR Screen in a Mouse Model of Tumor Growth and Metastasis. Cell, 2015, 160, 1246-1260.	27.8	778
22	Multiplex gene editing by CRISPRâ€“Cpf1 using a single crRNA array. Nature Biotechnology, 2017, 35, 31-34.	20.8	773
23	BCL11A enhancer dissection by Cas9-mediated in situ saturating mutagenesis. Nature, 2015, 527, 192-197.	36.2	760
24	Identification of essential genes for cancer immunotherapy. Nature, 2017, 548, 537-542.	36.2	707
25	Whole-Genome Sequencing in a Patient with Charcotâ€“Marieâ€“Tooth Neuropathy. New England Journal of Medicine, 2010, 362, 1181-1191.	30.1	704
26	In vivo interrogation of gene function in the mammalian brain using CRISPR-Cas9. Nature Biotechnology, 2015, 33, 102-106.	20.8	693
27	CRISPR-mediated direct mutation of cancer genes in the mouse liver. Nature, 2014, 514, 380-384.	36.2	690
28	A split-Cas9 architecture for inducible genome editing and transcription modulation. Nature Biotechnology, 2015, 33, 139-142.	20.8	634
29	CRISPR-based diagnostics. Nature Biomedical Engineering, 2021, 5, 643-656.	22.4	608
30	Crystal Structure of Cpf1 in Complex with Guide RNA and Target DNA. Cell, 2016, 165, 949-962.	27.8	592
31	Detection of SARS-CoV-2 with SHERLOCK One-Pot Testing. New England Journal of Medicine, 2020, 383, 1492-1494.	30.1	559
32	Sequence determinants of improved CRISPR sgRNA design. Genome Research, 2015, 25, 1147-1157.	5.6	543
33	Mechanisms for human genomic rearrangements. PathoGenetics, 2008, 1, 4.	5.8	533
34	Non-coding genetic variants in human disease: Figure 1.. Human Molecular Genetics, 2015, 24, R102-R110.	3.0	509
35	Clinical validation of a Cas13-based assay for the detection of SARS-CoV-2 RNA. Nature Biomedical Engineering, 2020, 4, 1140-1149.	22.4	482
36	Transcription Activator-Like Effector Nucleases Enable Efficient Plant Genome Engineering Â Â. Plant Physiology, 2012, 161, 20-27.	5.1	422

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37	Genetic evidence supports demic diffusion of Han culture. Nature, 2004, 431, 302-305.	36.2	406
38	A Genome-wide CRISPR Screen in Primary Immune Cells to Dissect Regulatory Networks. Cell, 2015, 162, 675-686.	27.8	400
39	Common Genetic Variants Modulate Pathogen-Sensing Responses in Human Dendritic Cells. Science, 2014, 343, 1246980.	20.9	399
40	The DNA replication FoSTeS/MMBIR mechanism can generate genomic, genic and exonic complex rearrangements in humans. Nature Genetics, 2009, 41, 849-853.	20.4	394
41	m6A facilitates hippocampus-dependent learning and memory through YTHDF1. Nature, 2018, 563, 249-253.	36.2	385
42	Engineered Cpf1 variants with altered PAM specificities. Nature Biotechnology, 2017, 35, 789-792.	20.8	375
43	Fiscal Policy, Profits, and Investment. American Economic Review, 2002, 92, 571-589.	8.7	374
44	Crystal Structure of Staphylococcus aureus Cas9. Cell, 2015, 162, 1113-1126.	27.8	374
45	Hypoxia as a therapy for mitochondrial disease. Science, 2016, 352, 54-61.	20.9	356
46	High frequency targeted mutagenesis in Arabidopsis thaliana using zinc finger nucleases. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12028-12033.	7.6	353
47	Genome-scale activation screen identifies a lncRNA locus regulating a gene neighbourhood. Nature, 2017, 548, 343-346.	36.2	350
48	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.	11.0	348
49	CRISPR-Based Therapeutic Genome Editing: Strategies and InÂVivo Delivery by AAV Vectors. Cell, 2020, 181, 136-150.	27.8	332
50	BLISS is a versatile and quantitative method for genome-wide profiling of DNA double-strand breaks. Nature Communications, 2017, 8, 15058.	13.2	315
51	Structure and Engineering of Francisella novicida Cas9. Cell, 2016, 164, 950-961.	27.8	310
52	Programmable Inhibition and Detection of RNA Viruses Using Cas13. Molecular Cell, 2019, 76, 826-837.e11.	9.6	305
53	The CAFA challenge reports improved protein function prediction and new functional annotations for hundreds of genes through experimental screens. Genome Biology, 2019, 20, 244.	9.2	299
54	Comprehensive interrogation of natural TALE DNA-binding modules and transcriptional repressor domains. Nature Communications, 2012, 3, 968.	13.2	298

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55	Mice with Shank3 Mutations Associated with ASD and Schizophrenia Display Both Shared and Distinct Defects. Neuron, 2016, 89, 147-162.	8.0	284
56	Construction of small-insert genomic DNA libraries highly enriched for microsatellite repeat sequences.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 3419-3423.	7.6	278
57	Autism and other neuropsychiatric symptoms are prevalent in individuals with MeCP2 duplication syndrome. Annals of Neurology, 2009, 66, 771-782.	5.8	276
58	Engineering of CRISPR-Cas12b for human genome editing. Nature Communications, 2019, 10, 212.	13.2	272
59	Autism-like behaviours and germline transmission in transgenic monkeys overexpressing MeCP2. Nature, 2016, 530, 98-102.	36.2	267
60	Transcription control by the ENL YEATS domain in acute leukaemia. Nature, 2017, 543, 270-274.	36.2	261
61	CRISPR/Cas9 cleavage of viral DNA efficiently suppresses hepatitis B virus. Scientific Reports, 2015, 5, 10833.	3.4	249
62	Orthogonal gene knockout and activation with a catalytically active Cas9 nuclease. Nature Biotechnology, 2015, 33, 1159-1161.	20.8	241
63	Brains, Genes, and Primates. Neuron, 2015, 86, 617-631.	8.0	239
64	Lipid nanoparticle-mediated codelivery of Cas9 mRNA and single-guide RNA achieves liver-specific in vivo genome editing ofAngptl3. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.6	231
65	Structural Basis for the Canonical and Non-canonical PAM Recognition by CRISPR-Cpf1. Molecular Cell, 2017, 67, 633-645.e3.	9.6	222
66	Efficient CRISPR-Cas9â€“mediated genome editing in Plasmodium falciparum. Nature Methods, 2014, 11, 915-918.	19.6	210
67	Increased LIS1 expression affects human and mouse brain development. Nature Genetics, 2009, 41, 168-177.	20.4	202
68	Optical Pooled Screens in Human Cells. Cell, 2019, 179, 787-799.e17.	27.8	195
69	Chd8 Mutation Leads to Autistic-like Behaviors and Impaired Striatal Circuits. Cell Reports, 2017, 19, 335-350.	6.3	194
70	AAV-mediated direct in vivo CRISPR screen identifies functional suppressors in glioblastoma. Nature Neuroscience, 2017, 20, 1329-1341.	14.5	192
71	A cellular and spatial map of the choroid plexus across brain ventricles and ages. Cell, 2021, 184, 3056-3074.e21.	27.8	184
72	Complex rearrangements in patients with duplications of MECP2 can occur by fork stalling and template switching. Human Molecular Genetics, 2009, 18, 2188-2203.	3.0	170

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73	Single-Cell Transcriptomics Uncovers Glial Progenitor Diversity and Cell Fate Determinants during Development and Gliomagenesis. Cell Stem Cell, 2019, 24, 707-723.e8.	11.0	160
74	The copy number variation landscape of congenital anomalies of the kidney and urinary tract. Nature Genetics, 2019, 51, 117-127.	20.4	156
75	Crystal Structure of the Minimal Cas9 from Campylobacter jejuni Reveals the Molecular Diversity in the CRISPR-Cas9 Systems. Molecular Cell, 2017, 65, 1109-1121.e3.	9.6	152
76	Multidimensional chemical control of CRISPRâ€“Cas9. Nature Chemical Biology, 2017, 13, 9-11.	8.0	151
77	Increasing frequencies of site-specific mutagenesis and gene targeting in Arabidopsis by manipulating DNA repair pathways. Genome Research, 2013, 23, 547-554.	5.6	148
78	Discovery of proteins associated with a predefined genomic locus via dCas9â€“APEX-mediated proximity labeling. Nature Methods, 2018, 15, 437-439.	19.6	145
79	Highly Parallel Profiling of Cas9 Variant Specificity. Molecular Cell, 2020, 78, 794-800.e8.	9.6	145
80	Clinical characteristics of recovered COVID-19 patients with re-detectable positive RNA test. Annals of Translational Medicine, 2020, 8, 1084-1084.	1.7	132
81	LGR5, a novel functional glioma stem cell marker, promotes EMT by activating the Wnt/Î²-catenin pathway and predicts poor survival of glioma patients. Journal of Experimental and Clinical Cancer Research, 2018, 37, 225.	8.9	131
82	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.	6.1	127
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.	6.1	125
84	Opportunities and challenges in modeling human brain disorders in transgenic primates. Nature Neuroscience, 2016, 19, 1123-1130.	14.5	121
85	Dual Requirement of CHD8 for Chromatin Landscape Establishment and Histone Methyltransferase Recruitment to Promote CNS Myelination and Repair. Developmental Cell, 2018, 45, 753-768.e8.	7.0	120
86	Implications of human genetic variation in CRISPR-based therapeutic genome editing. Nature Medicine, 2017, 23, 1095-1101.	30.1	111
87	Bi-allelic Mutations in TTC21A Induce Asthenoteratospermia in Humans and Mice. American Journal of Human Genetics, 2019, 104, 738-748.	6.1	110
88	High-Resolution Structure of Cas13b and Biochemical Characterization of RNA Targeting and Cleavage. Cell Reports, 2019, 26, 3741-3751.e5.	6.3	109
89	Rationally Designed APOBEC3B Cytosine Base Editors with Improved Specificity. Molecular Cell, 2020, 79, 728-740.e6.	9.6	109
90	Single-Cell Transcriptomics in Medulloblastoma Reveals Tumor-Initiating Progenitors and Oncogenic Cascades during Tumorigenesis and Relapse. Cancer Cell, 2019, 36, 302-318.e7.	16.8	102

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91	A DNAH17 missense variant causes flagella destabilization and asthenozoospermia. Journal of Experimental Medicine, 2020, 217, .	8.8	100
92	The nuclear matrix protein HNRNPU maintains 3D genome architecture globally in mouse hepatocytes. Genome Research, 2018, 28, 192-202.	5.6	99
93	Multiplexed, targeted gene editing in Nicotiana benthamiana for glycoâ€engineering and monoclonal antibody production. Plant Biotechnology Journal, 2016, 14, 533-542.	8.5	97
94	Dual modes of CRISPR-associated transposon homing. Cell, 2021, 184, 2441-2453.e18.	27.8	96
95	Structural Basis for the Altered PAM Recognition by Engineered CRISPR-Cpf1. Molecular Cell, 2017, 67, 139-147.e2.	9.6	93
96	Nucleic Acid Detection of Plant Genes Using CRISPR-Cas13. CRISPR Journal, 2019, 2, 165-171.	3.1	93
97	An RNA-aptamer-based two-color CRISPR labeling system. Scientific Reports, 2016, 6, 26857.	3.4	91
98	Deleterious variants in X-linked CFAP47 induce asthenoteratozoospermia and primary male infertility. American Journal of Human Genetics, 2021, 108, 309-323.	6.1	91
99	Region-specific expression in early chick and mouse embryos of Ghox-lab and Hox 1.6, vertebrate homeobox-containing genes related to Drosophila labial. Development (Cambridge), 1990, 108, 47-58.	2.6	91
100	Generation of hypothalamic arcuate organoids from human induced pluripotent stem cells. Cell Stem Cell, 2021, 28, 1657-1670.e10.	11.0	90
101	The b2/b3 subdeletion shows higher risk of spermatogenic failure and higher frequency of complete AZFc deletion than the gr/gr subdeletion in a Chinese population. Human Molecular Genetics, 2009, 18, 1122-1130.	3.0	87
102	HucMSCâ€exosomes carrying miRâ€326 inhibit neddylation to relieve inflammatory bowel disease in mice. Clinical and Translational Medicine, 2020, 10, e113.	4.2	87
103	Genome Editing Using Cas9 Nickases. Methods in Enzymology, 2014, 546, 161-174.	1.7	86
104	DNA Microscopy: Optics-free Spatio-genetic Imaging by a Stand-Alone Chemical Reaction. Cell, 2019, 178, 229-241.e16.	27.8	85
105	Partial deletions are associated with an increased risk of complete deletion in AZFc: a new insight into the role of partial AZFc deletions in male infertility. Journal of Medical Genetics, 2007, 44, 437-444.	3.6	83
106	Identification of Uncommon Recurrent Potocki-Lupski Syndrome-Associated Duplications and the Distribution of Rearrangement Types and Mechanisms in PTLS. American Journal of Human Genetics, 2010, 86, 462-470.	6.1	83
107	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.	6.1	83
108	Coupling immunity and programmed cell suicide in prokaryotes: Lifeâ€orâ€death choices. BioEssays, 2017, 39, 1-9.	2.6	82

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109	Effects of 3D culturing conditions on the transcriptomic profile of stem-cell-derived neurons. Nature Biomedical Engineering, 2018, 2, 540-554.	22.4	81
110	Diversification of C.Âelegans Motor Neuron Identity via Selective Effector Gene Repression. Neuron, 2017, 93, 80-98.	8.0	79
111	Weather compilations as a source of data for the reconstruction of european climate during the medieval period. Climatic Change, 1978, 1, 331.	3.7	78
112	Compositional and Interfacial Engineering Yield High-Performance and Stable p-i-n Perovskite Solar Cells and Mini-Modules. ACS Applied Materials & Interfaces, 2021, 13, 13022-13033.	8.3	76
113	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.	3.6	73
114	The COVID-19 XPRIZE and the need for scalable, fast, and widespread testing. Nature Biotechnology, 2020, 38, 1021-1024.	20.8	73
115	Microcephaly-Associated Protein WDR62 Regulates Neurogenesis through JNK1 in the Developing Neocortex. Cell Reports, 2014, 6, 104-116.	6.3	72
116	The capsule biosynthetic locus ofPasteurella multocidaA:1. FEMS Microbiology Letters, 1998, 166, 289-296.	1.8	71
117	Leptin Receptor Gene Polymorphisms Are Associated with Insulin in Obese Women with Impaired Glucose Tolerance¹. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3227-3232.	3.6	68
118	Genome-Wide Identification of Regulatory Sequences Undergoing Accelerated Evolution in the Human Genome. Molecular Biology and Evolution, 2016, 33, 2565-2575.	9.2	67
119	Bi-allelic mutations of DNAH10 cause primary male infertility with asthenoteratozoospermia in humans and mice. American Journal of Human Genetics, 2021, 108, 1466-1477.	6.1	67
120	Global microRNA depletion suppresses tumor angiogenesis. Genes and Development, 2014, 28, 1054-1067.	5.9	66
121	Homozygous mutations in DZIP1 can induce asthenoteratospermia with severe MMAF. Journal of Medical Genetics, 2020, 57, 445-453.	3.6	66
122	Decomposition and nanocrystallization in reactively sputtered amorphous Taâ€“Siâ€“N thin films. Journal of Applied Physics, 2001, 90, 1986-1991.	2.3	65
123	Î²-Sitosterol-loaded solid lipid nanoparticles ameliorate complete Freundâ€™s adjuvant-induced arthritis in rats: involvement of NF-ÐºB and HO-1/Nrf-2 pathway. Drug Delivery, 2020, 27, 1329-1341.	5.9	65
124	Efficient typing of copy number variations in a segmental duplication-mediated rearrangement hotspot using multiplex competitive amplification. Journal of Human Genetics, 2012, 57, 545-551.	2.3	64
125	Bipolar mixed episodes and antidepressants: a cohort study of bipolar I disorder patients. Bipolar Disorders, 2011, 13, 145-154.	2.5	63
126	POSH Localizes Activated Rac1 to Control the Formation of Cytoplasmic Dilation of the Leading Process and Neuronal Migration. Cell Reports, 2012, 2, 640-651.	6.3	63

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127	Conferring DNA virus resistance with high specificity in plants using virus-inducible genome-editing system. Genome Biology, 2018, 19, 197.	9.2	62
128	Genomic disorders: A window into human gene and genome evolution. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1765-1771.	7.6	61
129	Enhanced inhibitory neurotransmission in the cerebellar cortex of Atp1a3â€deficient heterozygous mice. Journal of Physiology, 2013, 591, 3433-3449.	2.9	60
130	The effect of structural curvature on the cell voltage of BN nanotube based Na-ion batteries. Journal of Molecular Liquids, 2017, 229, 167-171.	5.0	59
131	Cribriform neuroepithelial tumor: molecular characterization of a SMARCB1â€deficient nonâ€rhabdoid tumor with favorable longâ€term outcome. Brain Pathology, 2017, 27, 411-418.	4.2	59
132	Rapid SARS-CoV-2 testing in primary material based on a novel multiplex RT-LAMP assay. PLoS ONE, 2020, 15, e0238612.	2.5	59
133	Nanomedicine potentiates mild photothermal therapy for tumor ablation. Asian Journal of Pharmaceutical Sciences, 2021, 16, 738-761.	9.4	57
134	Alu-specific microhomology-mediated deletion of the final exon of SPAST in three unrelated subjects with hereditary spastic paraplegia. Genetics in Medicine, 2011, 13, 582-592.	2.4	55
135	Curing hemophilia A by NHEJ-mediated ectopic F8 insertion in the mouse. Genome Biology, 2019, 20, 276.	9.2	54
136	Optimization of multiplexed CRISPR/Cas9 system for highly efficient genome editing in Setaria viridis. Plant Journal, 2020, 104, 828-838.	5.9	54
137	Non-transgenic Plant Genome Editing Using Purified Sequence-Specific Nucleases. Molecular Plant, 2015, 8, 1425-1427.	8.4	53
138	Epigenetic regulation of Atrophin1 by lysine-specific demethylase 1 is required for cortical progenitor maintenance. Nature Communications, 2014, 5, 5815.	13.2	50
139	A Survey of Genome Editing Activity for 16 Cas12a Orthologs. Keio Journal of Medicine, 2020, 69, 59-65.	1.0	50
140	American Strain of Zika Virus Causes More Severe Microcephaly Than an Old Asian Strain in Neonatal Mice. EBioMedicine, 2017, 25, 95-105.	6.0	48
141	TBX6 compound inheritance leads to congenital vertebral malformations in humans and mice. Human Molecular Genetics, 2019, 28, 539-547.	3.0	48
142	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.	6.1	48
143	Diagnostic yield and clinical impact of exome sequencing in early-onset scoliosis (EOS). Journal of Medical Genetics, 2021, 58, 41-47.	3.6	47
144	Self-healing and toughness cellulose nanocrystals nanocomposite hydrogels for strain-sensitive wearable flexible sensor. International Journal of Biological Macromolecules, 2021, 179, 324-332.	7.7	46

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145	Mitochondrial DNA variants modulate N-formylmethionine, proteostasis and risk of late-onset human diseases. Nature Medicine, 2021, 27, 1564-1575.	30.1	46
146	Fluidâ€“structure interaction modeling of upper airways before and after nasal surgery for obstructive sleep apnea. International Journal for Numerical Methods in Biomedical Engineering, 2012, 28, 528-546.	2.2	45
147	MacroH2A1 associates with nuclear lamina and maintains chromatin architecture in mouse liver cells. Scientific Reports, 2015, 5, 17186.	3.4	45
148	Malaria Transmission, Infection, and Disease following Sustained Indoor Residual Spraying of Insecticide in Tororo, Uganda. American Journal of Tropical Medicine and Hygiene, 2020, 103, 1525-1533.	3.5	45
149	Walk-Run Training Improves the Anti-Inflammation Properties of High-Density Lipoprotein in Patients With Metabolic Syndrome. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 870-879.	3.6	43
150	A novel approach to remove the batch effect of single-cell data. Cell Discovery, 2019, 5, 46.	6.9	43
151	Identification of Copy Number Variation Hotspots in Human Populations. American Journal of Human Genetics, 2010, 87, 494-504.	6.1	42
152	Molecular Analysis of a Deletion Hotspot in the NRXN1 Region Reveals the Involvement of Short Inverted Repeats in Deletion CNVs. American Journal of Human Genetics, 2013, 92, 375-386.	6.1	42
153	CRISPR/Cas9: Prospects and Challenges. Human Gene Therapy, 2015, 26, 409-410.	3.0	41
154	Structural basis for the promiscuous PAM recognition by Corynebacterium diphtheriae Cas9. Nature Communications, 2019, 10, 1968.	13.2	41
155	Rapid and accurate species identification for ecological studies and monitoring using CRISPRâ€based SHERLOCK. Molecular Ecology Resources, 2020, 20, 961-970.	5.0	41
156	Effective control of large deletions after double-strand breaks by homology-directed repair and dsODN insertion. Genome Biology, 2021, 22, 236.	9.2	41
157	All solid state flexible supercapacitors operating at 4 V with a cross-linked polymerâ€“ionic liquid electrolyte. Journal of Materials Chemistry A, 2016, 4, 4386-4391.	10.5	40
158	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.	2.6	39
159	Efficient Ruthenium-Catalysed Synthesis of 3-Hydroxy-1-propen-1-yl Benzoates: En Route to an Improved Isomerization of 2-Propyn-1-ols into Î±,Î²-Unsaturated Aldehydes. European Journal of Organic Chemistry, 2000, 2000, 2361-2366.	2.5	37
160	Mea6 controls VLDL transport through the coordinated regulation of COPII assembly. Cell Research, 2016, 26, 787-804.	12.2	36
161	Search for the Dimuon Decay of the Higgs Boson in pp Collisions at s=13â€‰â€‰TeV with the ATLAS Detector. Physical Review Letters, 2017, 119, 051802.	8.0	36
162	Impartiality in humans is predicted by brain structure of dorsomedial prefrontal cortex. NeuroImage, 2013, 81, 317-324.	4.4	35

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163	Epigenetic features drastically impact CRISPRâ€“Cas9 efficacy in plants. Plant Physiology, 2022, 190, 1153-1164.	5.1	35
164	Data Work: How Energy Advisors and Clients Make IoT Data Accountable. Computer Supported Cooperative Work, 2017, 26, 597-626.	3.2	34
165	An Overview of Dynamic Heterogeneous Oxidations in the Troposphere. Environments - MDPI, 2018, 5, 104.	3.4	34
166	WDR76 is a RAS binding protein that functions as a tumor suppressor via RAS degradation. Nature Communications, 2019, 10, 295.	13.2	34
167	Society for Translational Medicine consensus on postoperative management of EGFR-mutant lung cancer (2019 edition). Translational Lung Cancer Research, 2019, 8, 1163-1173.	2.7	34
168	Nanometer-level stitching in raster-scanning electron-beam lithography using spatial-phase locking. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2003, 21, 2650.	1.6	33
169	Additional genomic duplications in AZFc underlie the b2/b3 deletion-associated risk of spermatogenic impairment in Han Chinese population. Human Molecular Genetics, 2011, 20, 4411-4421.	3.0	33
170	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.	3.5	33
171	In SituChanneling Study of Ni-P Amorphous Phase Formation. Physical Review Letters, 1982, 48, 1193-1196.	8.0	32
172	Deletion and duplication of 15q24: Molecular mechanisms and potential modification by additional copy number variants. Genetics in Medicine, 2010, 12, 573-586.	2.4	32
173	NovelCFAP43 andCFAP44 mutations cause male infertility with multiple morphological abnormalities of the sperm flagella (MMAF). Reproductive BioMedicine Online, 2019, 38, 769-778.	2.5	30
174	TBX6 missense variants expand the mutational spectrum in a nonâ€Mendelian inheritance disease. Human Mutation, 2020, 41, 182-195.	2.8	30
175	Genome Architecture and Its Roles in Human Copy Number Variation. Genomics and Informatics, 2014, 12, 136.	0.8	30
176	Screening of Duchenne Muscular Dystrophy (DMD) Mutations and Investigating Its Mutational Mechanism in Chinese Patients. PLoS ONE, 2014, 9, e108038.	2.5	29
177	The Clustered, Regularly Interspaced, Short Palindromic Repeats-associated Endonuclease 9 (CRISPR/Cas9)-created MDM2 T309G Mutation Enhances Vitreous-induced Expression of MDM2 and Proliferation and Survival of Cells. Journal of Biological Chemistry, 2016, 291, 16339-16347.	3.5	29
178	Investigating kinship of Neolithic post-LBK human remains from Krusza Zamkowa, Poland using ancient DNA. Forensic Science International: Genetics, 2017, 26, 30-39.	3.1	29
179	Distribution of Adult Male and Female Baccharis concinna (Asteraceae) in the Rupestrian Fields of Serra Do CipÃ³, Brazil. Plant Biology, 2002, 4, 94-103.	4.0	28
180	p53's choice of myocardial death or survival: Oxygen protects infarct myocardium by recruiting p53 on <scp>NOS</scp>3 promoter through regulation of p53â€<scp>L</scp>ys¹¹⁸ acetylation. EMBO Molecular Medicine, 2013, 5, 1662-1683.	7.3	28

#	Article	IF	Citations
181	TGFâ€Î²2 receptor 1 inhibition prevents stenosis of tissueâ€engineered vascular grafts by reducing host mononuclear phagocyte activation. FASEB Journal, 2016, 30, 2627-2636.	0.5	28
182	CTCF-mediated chromatin looping in EGR2 regulation and SUZ12 recruitment critical for peripheral myelination and repair. Nature Communications, 2020, 11, 4133.	13.2	28
183	Novel bi-allelic variants in DNAH2 cause severe asthenoteratozoospermia with multiple morphological abnormalities of the flagella. Reproductive BioMedicine Online, 2021, 42, 963-972.	2.5	28
184	Hyperosmotic stimuli inhibit VCAM-1 expression in cultured endothelial cells via effects on interferon regulatory factor-1 expression and activity. European Journal of Immunology, 2002, 32, 1821.	3.3	26
185	The Role of Ciprofloxacin in Prolonging Polyethylene Biliary Stent Patency: A MultiCenter, Double-Blinded Effectiveness Study. Journal of Gastrointestinal Surgery, 2005, 9, 481-488.	2.1	26
186	The art of bleeding: memory, martyrdom, and portraits in blood. Journal of the Royal Anthropological Institute, 2013, 19, S149.	0.6	26
187	Genome-Wide Off-Target Analysis in CRISPR-Cas9 Modified Mice and Their Offspring. G3: Genes, Genomes, Genetics, 2019, 9, 3645-3651.	1.9	26
188	Luminescence onâ€“off switching via reversible interconversion between inter- and intramolecular aurophilic interactions. Chemical Communications, 2011, 47, 10689.	4.2	25
189	IncreasedTBX6gene dosages induce congenital cervical vertebral malformations in humans and mice. Journal of Medical Genetics, 2020, 57, 371-379.	3.6	25
190	Targeted Mutagenesis in Arabidopsis Using Zinc-Finger Nucleases. Methods in Molecular Biology, 2011, 701, 167-177.	0.0	25
191	Cholesterol level correlate with disability score in patients with relapsing-remitting form of multiple sclerosis. Neuroscience Letters, 2018, 687, 304-307.	2.1	24
192	CRISPR Tools for Systematic Studies of RNA Regulation. Cold Spring Harbor Perspectives in Biology, 2019, 11, a035386.	5.4	24
193	Progress and perspective ofTBX6gene in congenital vertebral malformations. Oncotarget, 2016, 7, 57430-57441.	2.1	24
194	Evaluation of inactivated COVID-19 vaccine on semen parameters in reproductive-age males: a retrospective cohort study. Asian Journal of Andrology, 2022, 24, 441.	1.9	24
195	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.	2.1	23
196	Graphene Nanoribbon-Based Platform for Highly Efficacious Nuclear Gene Delivery. ACS Biomaterials Science and Engineering, 2016, 2, 798-808.	5.4	22
197	IDH1 deficiency attenuates gluconeogenesis in mouse liver by impairing amino acid utilization. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 292-297.	7.6	22
198	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.	3.4	22

#	Article	IF	Citations
199	CFAP65 is required in the acrosome biogenesis and mitochondrial sheath assembly during spermiogenesis. Human Molecular Genetics, 2021, 30, 2240-2254.	3.0	22
200	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.	3.0	21
201	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.	7.6	21
202	High-Level Precise Knockin of iPSCs by Simultaneous Reprogramming and Genome Editing of Human Peripheral Blood Mononuclear Cells. Stem Cell Reports, 2018, 10, 1821-1834.	4.7	21
203	LOCATE-US: Indoor Positioning for Mobile Devices Using Encoded Ultrasonic Signals, Inertial Sensors and Graph-Matching. Sensors, 2021, 21, 1950.	4.0	21
204	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.	5.4	21
205	Adaptive responses to mTOR gene targeting in hematopoietic stem cells reveal a proliferative mechanism evasive to mTOR inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.6	21
206	Development of an Artificial Intelligence System for the Automatic Evaluation of Cervical Vertebral Maturation Status. Diagnostics, 2021, 11, 2200.	2.8	21
207	Effect of human recombinant Endostatin protein on human angiogenesis. Angiogenesis, 2002, 5, 111-118.	7.2	20
208	Genome-wide copy number variant analysis for congenital ventricular septal defects in Chinese Han population. BMC Medical Genomics, 2015, 9, 2.	1.5	20
209	Bi-allelic SHOC1 loss-of-function mutations cause meiotic arrest and non-obstructive azoospermia. Journal of Medical Genetics, 2021, 58, 679-686.	3.6	20
210	CDC42 controlled apical-basal polarity regulates intestinal stem cell to transit amplifying cell fate transition via YAP-EGF-mTOR signaling. Cell Reports, 2022, 38, 110009.	6.3	20
211	Demonstration of Expression of Six Proteins of the Mammalian Cell Entry (mce1) Operon of Mycobacterium tuberculosis by Anti-Peptide Antibodies, Enzyme-Linked Immunosorbent Assay and Reverse Transcription-Polymerase Chain Reaction. Scandinavian Journal of Immunology, 1999, 50, 519-527.	2.7	19
212	Two-dimensional spatial-phase-locked electron-beam lithography via sparse sampling. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2000, 18, 3268.	1.6	19
213	Synthesis of Multi-component Mass-exchange Networks. Chinese Journal of Chemical Engineering, 2013, 21, 376-381.	3.5	18
214	Spectroscopic observation of gold-dicarbide: Photodetachment and velocity map imaging of the AuC2 anion. Journal of Chemical Physics, 2013, 138, 174310.	3.1	18
215	Lung Cancer in Never-Smokers: A Multicenter Case-Control Study in North China. Frontiers in Oncology, 2019, 9, 1354.	2.9	18
216	Xq22 deletions and correlation with distinct neurological disease traits in females: Further evidence for a contiguous gene syndrome. Human Mutation, 2020, 41, 150-168.	2.8	18

#	Article	IF	Citations
217	Establishment and development of the personalized criteria for microscopic review following multiple automated routine urinalysis systems. Clinica Chimica Acta, 2015, 444, 221-228.	1.6	17
218	Rare mutations in the autophagyâ€regulating gene AMBRA1 contribute to human neural tube defects. Human Mutation, 2020, 41, 1383-1393.	2.8	17
219	Challenges of Cardio-Kidney Composite Outcomes in Large-Scale Clinical Trials. Circulation, 2021, 143, 949-958.	9.3	17
220	Homozygous mutation in SLO3 leads to severe asthenoteratozoospermia due to acrosome hypoplasia and mitochondrial sheath malformations. Reproductive Biology and Endocrinology, 2022, 20, 5.	3.4	17
221	Effects of Ultrathin Silicone Coating of Porous Membrane on Gas Transfer and Hemolytic Performance. Artificial Organs, 2008, 21, 1082-1086.	2.0	16
222	Motif-Based Classification of Time Series with Bayesian Networks and SVMs. Studies in Classification, Data Analysis, and Knowledge Organization, 2009, , 105-114.	0.0	16
223	Preparation and characterization of chitosan films, crosslinked with symmetric aromatic dianhydrides to achieve enhanced thermal properties. Polymer International, 2015, 64, 556-562.	3.2	16
224	Height-related variations of leaf traits reflect strategies for maintaining photosynthetic and hydraulic homeostasis in mature and old Pinus densiflora trees. Oecologia, 2019, 189, 317-328.	2.1	16
225	Understanding Clinical Practice and Survival Outcomes in Patients with Unresectable Stage III Non-Small-Cell Lung Cancer in a Single Centre in Quebec. Current Oncology, 2020, 27, 459-466.	2.3	16
226	UG/Abi: a highly diverse family of prokaryotic reverse transcriptases associated with defense functions. Nucleic Acids Research, 2022, 50, 6084-6101.	14.0	16
227	CNV instability associated with DNA replication dynamics: evidence for replicative mechanisms in CNV mutagenesis. Human Molecular Genetics, 2015, 24, 1574-1583.	3.0	15
228	Immunohistochemical distinction of metastases of renal cell carcinoma with molecular analysis of overexpression of the chemokines CXCR2 and CXCR3 as independent positive prognostic factors for the tumorigenesis. IUBMB Life, 2016, 68, 629-633.	3.6	15
229	MEKK3 coordinates with FBW7 to regulate WDR62 stability and neurogenesis. PLoS Biology, 2018, 16, e2006613.	5.4	15
230	Genomeâ€wide association study and identification of chromosomal enhancer maps in multiple brain regions related to autism spectrum disorder. Autism Research, 2019, 12, 26-32.	3.9	15
231	Efficiency, Specificity and Temperature Sensitivity of Cas9 and Cas12a RNPs for DNA-free Genome Editing in Plants. Frontiers in Genome Editing, 2021, 3, 760820.	5.3	15
232	The Sensitivity of Hybrid Laser Welding to Variations in Workpiece Position. Physics Procedia, 2011, 12, 188-193.	1.2	14
233	A prospective study to assess in vivo optical coherence tomography imaging for early detection of chemotherapyâ€induced oral mucositis. Lasers in Surgery and Medicine, 2013, 45, 22-27.	2.1	14
234	Nuclear factor-ÎºB signaling pathway is involved in phospholipase CÎµ-regulated proliferation in human renal cell carcinoma cells. Molecular and Cellular Biochemistry, 2014, 389, 265-275.	3.1	14

#	Article	IF	Citations
235	Effects of consuming date fruits (Phoenix dactylifera Linn) on gestation, labor, and delivery: An updated systematic review and meta-analysis of clinical trials. Complementary Therapies in Medicine, 2019, 45, 71-84.	2.8	14
236	Unexpected connections between type VI-B CRISPR-Cas systems, bacterial natural competence, ubiquitin signaling network and DNA modification through a distinct family of membrane proteins. FEMS Microbiology Letters, 2019, 366, .	1.8	14
237	Efficient Labeling of Native Human IgG by Proximity-Based Sortase-Mediated Isopeptide Ligation. Bioconjugate Chemistry, 2021, 32, 1058-1066.	3.8	14
238	Genetic Relationships of Ethnic Minorities in Southwest China Revealed by Microsatellite Markers. PLoS ONE, 2010, 5, e9895.	2.5	13
239	SIX2 haploinsufficiency causes conductive hearing loss with ptosis in humans. Journal of Human Genetics, 2016, 61, 917-922.	2.3	13
240	Large De Novo Microdeletion in Epilepsy with Intellectual and Developmental Disabilities, with a Systems Biology Analysis. Advances in Neurobiology, 2018, 21, 247-266.	0.0	13
241	PN/PAs-WSe2 van der Waals heterostructures for solar cell and photodetector. Scientific Reports, 2020, 10, 17213.	3.4	13
242	FIASCO II failure to achieve a satisfactory cardiac outcome study: the elimination of system errors. Interactive Cardiovascular and Thoracic Surgery, 2013, 17, 116-119.	1.1	12
243	Can performance in biathlon world cup be predicted by performance analysis of biathlon IBU cup?. International Journal of Performance Analysis in Sport, 2019, 19, 856-865.	1.2	12
244	Deficiency of the Fanconi anemia E2 ubiqitin conjugase UBE2T only partially abrogates Alu-mediated recombination in a new model of homology dependent recombination. Nucleic Acids Research, 2019, 47, 3503-3520.	14.0	12
245	MEOX1 Promotes Tumor Progression and Predicts Poor Prognosis in Human Non-Small-Cell Lung Cancer. International Journal of Medical Sciences, 2019, 16, 68-74.	2.6	12
246	Evaluating Public Health Interventions: A Neglected Area in Health Technology Assessment. Frontiers in Public Health, 2020, 8, 106.	2.8	12
247	Different Gene Networks are Disturbed by Zika Virus Infection in a Mouse Microcephaly Model. Genomics, Proteomics and Bioinformatics, 2020, 18, 737-748.	7.5	12
248	scMAGIC: accurately annotating single cells using two rounds of reference-based classification. Nucleic Acids Research, 2022, 50, e43-e43.	14.0	12
249	Intercropping Tuber Crops with Teak in Gunungkidul Regency, Yogyakarta, Indonesia. Agronomy, 2022, 12, 449.	3.1	12
250	Efficient protein tagging and cis-regulatory element engineering via precise and directional oligonucleotide-based targeted insertion in plants. Plant Cell, 2023, 35, 2722-2735.	6.7	12
251	Nonlinear stress relaxation of silica filled solutionâ€polymerized styreneâ€“butadiene rubber compounds. Journal of Applied Polymer Science, 2009, 112, 3569-3574.	2.7	11
252	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.	3.6	11

#	Article	IF	Citations
253	Cardiac parasympathetic index identifies subjects with adult obstructive sleep apnea: A simultaneous polysomnographic-heart rate variability study. PLoS ONE, 2018, 13, e0193879.	2.5	11
254	Comparative carbon-specific ingestion rates of phytoplankton by Acartia tonsa, Centropages velificatus and Eucalanus pileatus grazing on natural phytoplankton assemblages in the plume of the Mississippi River (northern Gulf of Mexico continental shelf). Hydrobiologia, 1988, 167-168, 211-217.	2.0	10
255	The clinical spectrum associated with a chromosome 17 short arm proximal duplication (dup 17p11.2) in three patients. American Journal of Medical Genetics, Part A, 2008, 146A, 917-924.	1.5	10
256	Uâ€Pb Zircon Age, Geochemical, and Srâ€Ndâ€Pb Isotopic Constraints on the Age and Origin of Mafic Dykes from Eastern Shandong Province, Eastern China. Acta Geologica Sinica, 2013, 87, 1045-1057.	1.5	10
257	The neural basis of intergroup threat effect on social attention. Scientific Reports, 2017, 7, 41062.	3.4	10
258	Al doped ZnO thin film deposition by thermionic vacuum arc. Journal of Materials Science: Materials in Electronics, 2019, 30, 624-630.	2.2	10
259	Carbon Defects Induced Delocalization of Ï€ Electrons Enables Efficient Charge Separation in Graphitic Carbon Nitride for Increased Photocatalytic H2 Generation. Catalysis Letters, 2022, 152, 669-678.	2.7	10
260	An extensible vector toolkit and parts library for advanced engineering of plant genomes. Plant Genome, 2023, 16, .	3.2	10
261	Variances in family carers' quality of life based on selected relationship and caregiving indicators: A quantitative secondary analysis. International Journal of Older People Nursing, 2017, 12, e12138.	1.3	9
262	Synthetic genomes engineered by SCRaMbLEing. Science China Life Sciences, 2018, 61, 975-977.	5.0	9
263	An openEHR Approach to Detailed Clinical Model Development: Tobacco Smoking Summary Archetype as a Case Study. Applied Clinical Informatics, 2019, 10, 219-228.	1.8	9
264	KRAS-G12C covalent inhibitors: A game changer in the scene of cancer therapies. Critical Reviews in Oncology/Hematology, 2021, 168, 103524.	4.5	9
265	POSH regulates assembly of the NMDAR/PSD-95/Shank complex and synaptic function. Cell Reports, 2022, 39, 110642.	6.3	9
266	Fragmentation of deprotonated polyethylene glycols, [PEG â€“ H]^{â€“}. Rapid Communications in Mass Spectrometry, 2013, 27, 1643-1648.	1.5	8
267	Disseminated Prototheca Associated With Diskospondylitis in a Dog. Journal of the American Animal Hospital Association, 2014, 50, 429-435.	1.1	8
268	A Ca2+-dependent remodelled actin network directs vesicle trafficking to build wall ingrowth papillae in transfer cells. Journal of Experimental Botany, 2017, 68, 4749-4764.	4.9	8
269	Improved and Flexible HDR Editing by Targeting Introns in iPSCs. Stem Cell Reviews and Reports, 2022, 18, 1822-1833.	3.9	8
270	Single-nucleotide polymorphisms and haplotypes of non-coding area in the CP gene are correlated with Parkinsonâ€™s disease. Neuroscience Bulletin, 2015, 31, 245-256.	3.6	7

#	Article	IF	Citations
271	Are We There Yet? How and When Specific Biotechnologies Will Improve Human Health. Biotechnology Journal, 2019, 14, e1800195.	3.7	7
272	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.	3.9	7
273	Protoplast Isolation, Transfection, and Gene Editing for Soybean (Glycine max). Methods in Molecular Biology, 2022, 2464, 173-186.	0.0	7
274	Transient bilateral abducens neuropathy with post-tetanic facilitation and acute hypokalemia associated with oxaliplatin: a case report. Journal of Medical Case Reports, 2010, 4, 36.	0.8	6
275	Two novel roles of buffalo milk lactoperoxidase, antibiofilm agent and immunomodulator against multidrug resistant Salmonella enterica serovar Typhi and Listeria monocytogenes. Microbial Pathogenesis, 2017, 109, 221-227.	2.9	6
276	Copy number variations in the human genome: their mutational mechanisms and roles in diseases. Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji, 2011, 33, 857-869.	0.2	6
277	Ischemia and hepatic reperfusion: Is it possible to reduce hepatic alterations?. Microsurgery, 2003, 23, 458-460.	1.3	5
278	Confounding from cryptic relatedness in haplotype-based association studies. Genetica, 2010, 138, 945-950.	1.2	5
279	Nucleotide polymorphism of the TNF gene cluster in six Chinese populations. Journal of Human Genetics, 2010, 55, 350-357.	2.3	5
280	The neem [Azadirachta indica a: juss (meliaceae)] oil reduction in the in vitro production of zearalenone by Fusarium graminearum. Brazilian Journal of Microbiology, 2011, 42, 707-710.	2.0	5
281	Organisational Contexts for Lifelong Learning: Individual and Collective Learning Configurations. , 2012, , 61-76.		5
282	Besonderheiten der Herstellung von autologen Serum-Augentropfen. Transfusionsmedizin â€“ ImmunhÃ matologie HÃ motherapie Transplantationsimmunologie Zelltherapie, 2014, 4, 139-142.	0.0	5
283	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.	5.7	5
284	Investigation of luminescence properties of Pb²⁺â€doped Sr₂B₂O₅ phosphor. International Journal of Applied Ceramic Technology, 2018, 15, 1287-1291.	2.1	5
285	Clinical outcomes of arthroscopic synovectomy for adolescent or young adult patients with advanced haemophilic arthropathy. Experimental and Therapeutic Medicine, 2018, 16, 3883-3888.	1.9	5
286	Impact of histologic variants on the oncological outcomes of patients with upper urinary tract cancers treated with radical surgery: a multi-institutional retrospective study. International Journal of Clinical Oncology, 2019, 24, 1412-1418.	2.3	5
287	Whole exome sequencing and trio analysis to broaden the variant spectrum of genes in idiopathic hypogonadotropic hypogonadism. Asian Journal of Andrology, 2021, 23, 288.	1.9	5
288	OLIG2 maintenance is not essential for diffuse intrinsic pontine glioma cell line growth but regulates tumor phenotypes. Neuro-Oncology, 2021, 23, 1183-1196.	1.2	5

#	Article	IF	Citations
289	A facile synthesis of goodyeroside A from (S)-malic acid. Science in China Series B: Chemistry, 2009, 52, 2176-2179.	0.8	4
290	Comparison of the clinical effects of arthroscopic surgery vs. open surgery for gradeÃ¯Â¿Â½II gluteal muscle contracture in adults. Experimental and Therapeutic Medicine, 2018, 16, 364-369.	1.9	4
291	Modified strict sperm morphology threshold aids in the clinical selection of conventional in vitro fertilization (IVF) or intracytoplasmic sperm injection (ICSI). Asian Journal of Andrology, 2022, 24, 62.	1.9	4
292	Genomeâ€wide loss of <scp>CHH</scp> methylation with limited transcriptome changes in Setaria viridis DOMAINS REARRANGED METHYLTRANSFERASE (<scp>DRM</scp>) mutants. Plant Journal, 2022, 111, 103-116.	5.9	4
293	Buying and selling behavior in stochastic environments with backstop markets. Journal of Economics/ Zeitschrift Fur Nationalokonomie, 1989, 50, 87-112.	0.8	3
294	Effect of Quantum Well Width Reduction for GaInNAs/GaAs Lasers. Optical Review, 2002, 9, 231-233.	1.7	3
295	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.	1.5	3
296	Comparison between the health-related quality of life of children/adolescents with asthma and that of their caregivers: a systematic review and meta-analysis. Jornal Brasileiro De Pneumologia, 2020, 46, e20190095-e20190095.	0.8	3
297	A fertile male with a single sY86 deletion on the Y chromosome. Asian Journal of Andrology, 2020, 22, 333.	1.9	3
298	Whole exome sequencing identified a rare WT1 lossâ€ofâ€function variant in a nonâ€syndromic POI patient. Molecular Genetics & Genomic Medicine, 2022, 10, e1820.	1.3	3
299	Whole-Exome Sequencing Identifies the VHL Mutation (c.262T > C, p.Try88Arg) in Non-Obstructive Azoospermia-Associated Cystic Renal Cell Carcinoma. Current Oncology, 2022, 29, 2376-2384.	2.3	3
300	GENESIS OF HIGH-GRADE HEMATITE OREBODIES OF THE HAMERSLEY PROVINCE, WESTERN AUSTRALIAâ€"A DISCUSSION. Economic Geology, 2002, 97, 173-173.	3.9	2
301	Opinions of hearing parents about the causes of hearing impairment of their children with biallelic GJB2 mutations. Journal of Community Genetics, 2017, 8, 167-171.	1.3	2
302	Contribution of DA Signaling to Appetitive Odor Perception in a Drosophila Model. Scientific Reports, 2018, 8, 5978.	3.4	2
303	Modulating gene translational control through genome editing. National Science Review, 2019, 6, 391-391.	9.5	2
304	Genetic diversity of local red rice cultivars collections of Yogyakarta AIAT, Indonesia based on morphological character. IOP Conference Series: Earth and Environmental Science, 2020, 482, 012040.	0.3	2
305	â€œResponse to the letter to the editor â€œConcerns regarding the potentially causal role of FANCA heterozygous variants in human primary ovarian insufficiencyâ€â€. Human Genetics, 2021, 140, 695-697.	3.8	2
306	Modulation of Immune Reaction in Hydrodynamic Gene Therapy for Hemophilia A. Human Gene Therapy, 2022, 33, 404-420.	3.0	2

#	Article	IF	Citations
307	Analysis of the Fragile X Mental Retardation 1 Premutation in Han Chinese Women Presenting with Primary Ovarian Insufficiency. Reproductive and Developmental Medicine, 2017, 1, 9.	0.5	2
308	The future of U.S. university international branch campus libraries: Challenges and opportunities. College and Research Libraries News, 2016, 77, 551-554.	0.1	2
309	Genetic analysis of osteopetrosis in Pakistani families identifies novel and known sequence variants. BMC Medical Genomics, 2021, 14, 264.	1.5	2
310	CRISPR DNA- and RNP-Mediated Genome Editing via Nicotiana benthamiana Protoplast Transformation and Regeneration. Methods in Molecular Biology, 2022, 2464, 65-82.	0.0	2
311	An Investigation of Multicultural Personality Traits of Iranian High School EFL Learners. Education Research International, 2022, 2022, 1-9.	1.2	2
312	Molecular mechanisms underlying cTAGE5/MEA6-mediated cargo transport and biological functions. Journal of Genetics and Genomics, 2022, 49, 519-522.	3.9	2
313	Prime editing in plants: prospects and challenges. Journal of Experimental Botany, 0, , .	4.9	2
314	AAMT, Coming of Age. Music Therapy, 1992, 11, 13-27.	0.1	1
315	Optical particle-sizing method that provides optical isolation of the sampling volume. Applied Optics, 1999, 38, 2698.	2.1	1
316	Partial blanking of an electron beam using a quadrupole lens. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2005, 23, 133.	1.6	1
317	Nonscalar elastic light scattering from continuous media in the Born approximation: erratum. Optics Letters, 2010, 35, 1367.	3.3	1
318	Sacrificing quality for quantity?. Vox Sanguinis, 2012, 103, 360-361.	1.6	1
319	Improving services for older people. British Journal of Nursing, 2014, 23, 543-543.	0.8	1
320	The B-cell receptor BR3 modulates cellular branching via Rac1 during neuronal migration. Journal of Molecular Cell Biology, 2016, 8, 363-365.	3.3	1
321	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.	3.9	1
322	The biosynthesis of camptothecin derivatives by Camptotheca acuminata seedlings. Natural Product Research, 2021, 35, 2403-2407.	1.8	1
323	A novel multiplex fluorescent competitive PCR for copy number variation detection. Genomics, 2019, 111, 1745-1751.	2.9	1
324	Expert Survey on Bee Pollen Uses in Sidi Bel Abbes (Algeria). Bee World, 2020, 97, 6-9.	1.0	1

#	Article	IF	Citations
325	Computational Identification of Repeat-Containing Proteins and Systems. QRB Discovery, 2020, 1, .	0.5	1
326	Facies distribution and limestone depositional history in Gunung Endut geothermal prospect area, Banten Province. IOP Conference Series: Earth and Environmental Science, 2020, 538, 012070.	0.3	1
327	Modernization of the Paradigm of the Social State on the Example of the Countries of Eastern Europe During 2010-2019. European Journal of Sustainable Development (discontinued), 2021, 10, 612.	0.9	1
328	Editorial: New Genome Editing Tools and Resources: Enabling Gene Discovery and Functional Genomics. Frontiers in Genome Editing, 2021, 3, 771622.	5.3	1
329	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, , .	1.5	1
330	ITGB3BP is a potential biomarker associated with poor prognosis of glioma. Journal of Cellular and Molecular Medicine, 2022, 26, 813-827.	3.6	1
331	Genome editing and chromosome engineering in plants. Plant Genome, 2023, 16, .	3.2	1
332	Dual activities of an X-family DNA polymerase regulate CRISPR-induced insertional mutagenesis across species. Nature Communications, 2024, 15, .	13.2	1
333	Hybrid Intelligent Approaches in Robotics. , 2003, , 133-154.		0
334	MAKING A BETTER ENZYME. Chemical & Engineering News, 2011, 89, 7.	0.0	0
335	Adult Growth Hormone Deficiency. , 2013, , 47-54.		0
336	Managing insulin and carbohydrate needs for an endurance cyclist. Practical Diabetes, 2013, 30, 264-264.	0.4	0
337	Design and Optimization on Active Engine Mounting Systems for Vibration Isolation. Applied Mechanics and Materials, 0, 479-480, 202-209.	0.1	0
338	A Kinect-Based Virtual Reality System for Parkinson Disease Rehabilitation. Advances in Intelligent Systems and Computing, 2015, , 1133-1139.	0.0	0
339	Progrediente einseitige Raumforderung der latero-kranialen Orbita. Laryngo- Rhino- Otologie, 2016, 95, 704-706.	0.2	0
340	Response to Brosens et al. Genetics in Medicine, 2018, 20, 1479-1480.	2.4	0
341	CarboxypeptidaseÂA4 promotes migration and invasion of lung cancer cells, and is closely associated with lymph node metastasis. Precision Radiation Oncology, 2019, 3, 44-51.	1.2	0
342	Design Puncturing Polar Codes : The Odd-numbered Criterion. , 2019, , .		0

#	Article	IF	Citations
343	Asymmetric Copulas. , 2019, , 172-241.		0
344	Das Stellvertretungsrecht im Zeitalter von WhatsApp. Juristische Ausbildung, 2019, 41, 193-200.	0.0	0
345	Review: Computational Identification of Repeat-containing Proteins and Systems â€" R0/PR1. QRB Discovery, 2020, , .	0.5	0
346	Review: Spraying Small Water Droplets Acts as a Bacteriocide â€" R0/PR1. QRB Discovery, 2020, , .	0.5	0
347	FormaciÃ³n de docentes para la infancia en el uso didÃ¡ctico de las TIC, utilizando como herramienta pedagÃ³gica el software SCRATCH. , 0, , 107-128.		0
348	Early Psychosis Intervention Shows Robust Real-World Effectiveness. Psychiatric News, 2021, 56, .	0.0	0
349	Tissue engineering bone by recapitulating developmental and repair programs offers improved biological outcomes. FASEB Journal, 2012, 26, 917.7.	0.5	0
350	ADVANCES IN GENOME EDITING TECHNOLOGIES. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, TPL.	0.0	0
351	Implication du pollen de canne Ã sucre dans les manifestations de la rhinite allergique: Ã©tude cas tÃ©moins. Pan African Medical Journal, 2022, 41, 133.	0.8	0
352	â€œProgressive motilityâ€•in elucidating novel genetic causes of male infertility. Asian Journal of Andrology, 2022, 24, 229.	1.9	0
353	The Effect of Watching Satisfaction and Surrogate Satisfaction on YouTube Travel Contents on Travel Intentions. MICE Gwangwang Yeongu, 2022, 22, 83-105.	0.0	0
354	The era of prostate-specific membrane antigen for the diagnosis and treatment of prostate cancer: A novel horizon. Investigative and Clinical Urology, 2023, 64, 197.	3.0	0
355	On the Validity of Minerâ€™s Rule for Pile Foundations in Sand. , 2024, , .		0