

# Yan Guo

## List of Publications by Year in descending order

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256  
papers

9,733  
citations

36303

51  
h-index

56724

83  
g-index

266  
all docs

266  
docs citations

266  
times ranked

17266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced Heat Map and Clustering Analysis Using Heatmap3. BioMed Research International, 2014, 2014, 1-6.	1.9	252
2	Aberrant FGFR signaling mediates resistance to CDK4/6 inhibitors in ER+ breast cancer. Nature Communications, 2019, 10, 1373.	12.8	252
3	Microbiomeâ€“metabolome reveals the contribution of gutâ€“kidney axis on kidney disease. Journal of Translational Medicine, 2019, 17, 5.	4.4	233
4	Large-scale genetic study in East Asians identifies six new loci associated with colorectal cancer risk. Nature Genetics, 2014, 46, 533-542.	21.4	212
5	Genome-wide Copy-Number-Variation Study Identified a Susceptibility Gene, UGT2B17, for Osteoporosis. American Journal of Human Genetics, 2008, 83, 663-674.	6.2	209
6	Large Scale Comparison of Gene Expression Levels by Microarrays and RNAseq Using TCGA Data. PLoS ONE, 2013, 8, e71462.	2.5	189
7	Genome-wide Association and Follow-Up Replication Studies Identified ADAMTS18 and TGFBR3 as Bone Mass Candidate Genes in Different Ethnic Groups. American Journal of Human Genetics, 2009, 84, 388-398.	6.2	187
8	Parameter Optimization and Field Validation of the Functionalâ€“Structural Model GREENLAB for Maize. Annals of Botany, 2006, 97, 217-230.	2.9	177
9	Expression and functions of long noncoding RNAs during human T helper cell differentiation. Nature Communications, 2015, 6, 6932.	12.8	172
10	Identification of serum metabolites associating with chronic kidney disease progression and anti-fibrotic effect of 5-methoxytryptophan. Nature Communications, 2019, 10, 1476.	12.8	171
11	Bile diversion to the distal small intestine has comparable metabolic benefits to bariatric surgery. Nature Communications, 2015, 6, 7715.	12.8	156
12	Novel inhibitors of the cellular reninâ€“angiotensin system components, poricoic acids, target Smad3 phosphorylation and Wnt/Î²â€“catenin pathway against renal fibrosis. British Journal of Pharmacology, 2018, 175, 2689-2708.	5.4	154
13	Illumina human exome genotyping array clustering and quality control. Nature Protocols, 2014, 9, 2643-2662.	12.0	153
14	Microbiomeâ€“metabolomics reveals gut microbiota associated with glycine-conjugated metabolites and polyamine metabolism in chronic kidney disease. Cellular and Molecular Life Sciences, 2019, 76, 4961-4978.	5.4	146
15	Three-stage quality control strategies for DNA re-sequencing data. Briefings in Bioinformatics, 2014, 15, 879-889.	6.5	141
16	MiR-195 suppresses non-small cell lung cancer by targeting CHEK1. Oncotarget, 2015, 6, 9445-9456.	1.8	140
17	Genome measures used for quality control are dependent on gene function and ancestry. Bioinformatics, 2015, 31, 318-323.	4.1	134
18	Exome sequencing generates high quality data in non-target regions. BMC Genomics, 2012, 13, 194.	2.8	130

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19	Multistage genome-wide association meta-analyses identified two new loci for bone mineral density. <i>Human Molecular Genetics</i> , 2014, 23, 1923-1933.	2.9	130
20	Finding the lost treasures in exome sequencing data. <i>Trends in Genetics</i> , 2013, 29, 593-599.	6.7	124
21	Improvements and impacts of GRCh38 human reference on high throughput sequencing data analysis. <i>Genomics</i> , 2017, 109, 83-90.	2.9	123
22	Genetically Predicted Body Mass Index and Breast Cancer Risk: Mendelian Randomization Analyses of Data from 145,000 Women of European Descent. <i>PLoS Medicine</i> , 2016, 13, e1002105.	8.4	118
23	Role of Bile Acids and GLP-1 in Mediating the Metabolic Improvements of Bariatric Surgery. <i>Gastroenterology</i> , 2019, 156, 1041-1051.e4.	1.3	118
24	Novel RAS Inhibitors Poricoic Acid ZG and Poricoic Acid ZH Attenuate Renal Fibrosis via a Wnt/ $\beta$ 2-Catenin Pathway and Targeted Phosphorylation of smad3 Signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1828-1842.	5.2	115
25	Genome-wide Association and Replication Studies Identified TRHR as an Important Gene for Lean Body Mass. <i>American Journal of Human Genetics</i> , 2009, 84, 418-423.	6.2	103
26	Pathway-based genome-wide association analysis identified the importance of regulation-of-autophagy pathway for ultradistal radius BMD. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1572-1580.	2.8	103
27	The effect of strand bias in Illumina short-read sequencing data. <i>BMC Genomics</i> , 2012, 13, 666.	2.8	102
28	Genome-Wide Association Study Identifies ALDH7A1 as a Novel Susceptibility Gene for Osteoporosis. <i>PLoS Genetics</i> , 2010, 6, e1000806.	3.5	101
29	Randomized Trial of First-Line Tyrosine Kinase Inhibitor With or Without Radiotherapy for Synchronous Oligometastatic EGFR-Mutated Non-Small Cell Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2023, 115, 742-748.	6.3	99
30	Electrostatic self-assembled NiFe <sub>2</sub> O <sub>4</sub> /Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene nanocomposites for efficient electromagnetic wave absorption at ultralow loading level. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 602-613.	21.1	97
31	Kinesin-5 inhibitor resistance is driven by kinesin-12. <i>Journal of Cell Biology</i> , 2016, 213, 213-227.	5.2	95
32	Small molecule inhibitors of epithelial-mesenchymal transition for the treatment of cancer and fibrosis. <i>Medicinal Research Reviews</i> , 2020, 40, 54-78.	10.5	93
33	Unilateral ureteral obstruction causes gut microbial dysbiosis and metabolome disorders contributing to tubulointerstitial fibrosis. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-18.	7.7	90
34	Powerful Bivariate Genome-Wide Association Analyses Suggest the SOX6 Gene Influencing Both Obesity and Osteoporosis Phenotypes in Males. <i>PLoS ONE</i> , 2009, 4, e6827.	2.5	87
35	MitoSeek: extracting mitochondria information and performing high-throughput mitochondria sequencing analysis. <i>Bioinformatics</i> , 2013, 29, 1210-1211.	4.1	87
36	Multi-perspective quality control of Illumina exome sequencing data using QC3. <i>Genomics</i> , 2014, 103, 323-328.	2.9	79

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37	A Cell-Based Systems Biology Assessment of Human Blood to Monitor Immune Responses after Influenza Vaccination. PLoS ONE, 2015, 10, e0118528.	2.5	79
38	Genome-wide association study suggested copy number variation may be associated with body mass index in the Chinese population. Journal of Human Genetics, 2009, 54, 199-202.	2.3	78
39	Molecular Genetic Studies of Gene Identification for Osteoporosis: The 2009 Update. Endocrine Reviews, 2010, 31, 447-505.	20.1	76
40	Paranuclear Dot-like Immunostaining for CD99. American Journal of Surgical Pathology, 2011, 35, 799-806.	3.7	74
41	A micro-RNA expression signature for human NAFLD progression. Journal of Gastroenterology, 2016, 51, 1022-1030.	5.1	74
42	Comparison of architecture among different cultivars of hybrid rice using a spatial light model based on 3-D digitising. Functional Plant Biology, 2008, 35, 900.	2.1	73
43	High-throughput sequencing in mitochondrial DNA research. Mitochondrion, 2014, 17, 157-163.	3.4	71
44	Multi-perspective quality control of Illumina RNA sequencing data analysis. Briefings in Functional Genomics, 2017, 16, elw035.	2.7	68
45	Very Low-Level Heteroplasmy mtDNA Variations Are Inherited in Humans. Journal of Genetics and Genomics, 2013, 40, 607-615.	3.9	63
46	A resilient and lightweight bacterial cellulose-derived C/rGO aerogel-based electromagnetic wave absorber integrated with multiple functions. Journal of Materials Chemistry A, 2021, 9, 5566-5577.	10.3	62
47	Mining diverse small RNA species in the deep transcriptome. Trends in Biochemical Sciences, 2015, 40, 4-7.	7.5	60
48	The MAPK Pathway Regulates Intrinsic Resistance to BET Inhibitors in Colorectal Cancer. Clinical Cancer Research, 2017, 23, 2027-2037.	7.0	59
49	The Utilization of Formalin Fixed-Paraffin-Embedded Specimens in High Throughput Genomic Studies. International Journal of Genomics, 2017, 2017, 1-9.	1.6	59
50	RnaSeqSampleSize: real data based sample size estimation for RNA sequencing. BMC Bioinformatics, 2018, 19, 191.	2.6	59
51	Engineering hierarchical heterostructure material based on metal-organic frameworks and cotton fiber for high-efficient microwave absorber. Nano Research, 2022, 15, 6841-6850.	10.4	59
52	Architectures and accuracy of artificial neural network for disease classification from omics data. BMC Genomics, 2019, 20, 167.	2.8	58
53	Strategies for processing and quality control of Illumina genotyping arrays. Briefings in Bioinformatics, 2018, 19, 765-775.	6.5	57
54	Current Research on Non-Coding Ribonucleic Acid (RNA). Genes, 2017, 8, 366.	2.4	54

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55	Evaluation of read count based RNAseq analysis methods. <i>BMC Genomics</i> , 2013, 14, S2.	2.8	53
56	Plant growth and architectural modelling and its applications. <i>Annals of Botany</i> , 2011, 107, 723-727.	2.9	51
57	Discovery of a potential MCR-1 inhibitor that reverses polymyxin activity against clinical mcr-1-positive Enterobacteriaceae. <i>Journal of Infection</i> , 2019, 78, 364-372.	3.3	51
58	Achieving enhanced electromagnetic shielding and absorption capacity of cellulose-derived carbon aerogels via tuning the carbonization temperature. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5191-5201.	5.5	51
59	Whole Genome Distribution and Ethnic Differentiation of Copy Number Variation in Caucasian and Asian Populations. <i>PLoS ONE</i> , 2009, 4, e7958.	2.5	51
60	Suggestion of GLYAT gene underlying variation of bone size and body lean mass as revealed by a bivariate genome-wide association study. <i>Human Genetics</i> , 2013, 132, 189-199.	3.8	50
61	MultiRankSeq: Multiperspective Approach for RNAseq Differential Expression Analysis and Quality Control. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	50
62	Identification of endogenous $\beta$ -aminopyrene as a novel mediator of progressive chronic kidney disease via aryl hydrocarbon receptor activation. <i>British Journal of Pharmacology</i> , 2020, 177, 3415-3435.	5.4	50
63	The use of next generation sequencing technology to study the effect of radiation therapy on mitochondrial DNA mutation. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 744, 154-160.	1.7	49
64	Verbascoside Alleviates Pneumococcal Pneumonia by Reducing Pneumolysin Oligomers. <i>Molecular Pharmacology</i> , 2016, 89, 376-387.	2.3	49
65	Comparative Study of Exome Copy Number Variation Estimation Tools Using Array Comparative Genomic Hybridization as Control. <i>BioMed Research International</i> , 2013, 2013, 1-7.	1.9	47
66	NOTCH1 and SOX10 are Essential for Proliferation and Radiation Resistance of Cancer Stem-Like Cells in Adenoid Cystic Carcinoma. <i>Clinical Cancer Research</i> , 2016, 22, 2083-2095.	7.0	46
67	Hierarchical HCF@NC/Co Derived from Hollow Loofah Fiber Anchored with Metal-Organic Frameworks for Highly Efficient Microwave Absorption. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 2038-2050.	8.0	44
68	Genome-wide association study for femoral neck bone geometry. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 320-329.	2.8	43
69	Transfer RNA detection by small RNA deep sequencing and disease association with myelodysplastic syndromes. <i>BMC Genomics</i> , 2015, 16, 727.	2.8	42
70	Aryl hydrocarbon receptor activation mediates kidney disease and renal cell carcinoma. <i>Journal of Translational Medicine</i> , 2019, 17, 302.	4.4	42
71	Activated NF- $\kappa$ B/Nrf2 and Wnt/ $\beta$ -catenin pathways are associated with lipid metabolism in CKD patients with microalbuminuria and macroalbuminuria. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2317-2332.	3.8	42
72	Genome-wide association scan for stature in Chinese: evidence for ethnic specific loci. <i>Human Genetics</i> , 2009, 125, 1-9.	3.8	39

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73	Association Analyses of RANKL/RANK/OPG Gene Polymorphisms with Femoral Neck Compression Strength Index Variation in Caucasians. <i>Calcified Tissue International</i> , 2009, 85, 104-112.	3.1	38
74	The Fat Mass and Obesity Associated Gene, FTO, Is Also Associated with Osteoporosis Phenotypes. <i>PLoS ONE</i> , 2011, 6, e27312.	2.5	38
75	Maternal BMI as a predictor of methylation of obesity-related genes in saliva samples from preschool-age Hispanic children at-risk for obesity. <i>BMC Genomics</i> , 2017, 18, 57.	2.8	38
76	Combined melatonin and poricoic acid A inhibits renal fibrosis through modulating the interaction of Smad3 and $\beta$ -catenin pathway in AKI-to-CKD continuum. <i>Therapeutic Advances in Chronic Disease</i> , 2019, 10, 204062231986911.	2.5	38
77	Deletion of the BMP receptor BMPR1a impairs mammary tumor formation and metastasis. <i>Oncotarget</i> , 2015, 6, 22890-22904.	1.8	37
78	<i>IL21R</i> and <i>PTH</i> may underlie variation of femoral neck bone mineral density as revealed by a genome-wide association study. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1042-1048.	2.8	36
79	Construction of a composite photocatalyst with significantly enhanced photocatalytic performance through combination of homo-junction with hetero-junction. <i>Catalysis Science and Technology</i> , 2018, 8, 486-498.	4.1	36
80	Alternative applications for distinct RNA sequencing strategies. <i>Briefings in Bioinformatics</i> , 2015, 16, 629-639.	6.5	35
81	BET bromodomain inhibitors suppress EWS-FLI1-dependent transcription and the IGF1 autocrine mechanism in Ewing sarcoma. <i>Oncotarget</i> , 2016, 7, 43504-43517.	1.8	35
82	Integrated Analysis of Mouse and Human Gastric Neoplasms Identifies Conserved microRNA Networks in Gastric Carcinogenesis. <i>Gastroenterology</i> , 2019, 156, 1127-1139.e8.	1.3	35
83	A novel maize biochar-based compound fertilizer for immobilizing cadmium and improving soil quality and maize growth. <i>Environmental Pollution</i> , 2021, 277, 116455.	7.5	35
84	RNaseq by Total RNA Library Identifies Additional RNAs Compared to Poly(A) RNA Library. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	34
85	Runs of Homozygosity Identify a Recessive Locus 12q21.31 for Human Adult Height. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 3777-3782.	3.6	33
86	Mitochondria-Wide Association Study of Common Variants in Osteoporosis. <i>Annals of Human Genetics</i> , 2011, 75, 569-574.	0.8	33
87	Heterozygosity Ratio, a Robust Global Genomic Measure of Autozygosity and Its Association with Height and Disease Risk. <i>Genetics</i> , 2016, 204, 893-904.	2.9	33
88	Development and Validation of a MicroRNA Panel to Differentiate Between Patients with Rheumatoid Arthritis or Systemic Lupus Erythematosus and Controls. <i>Journal of Rheumatology</i> , 2020, 47, 188-196.	2.0	33
89	Hyperactivation of TORC1 Drives Resistance to the Pan-HER Tyrosine Kinase Inhibitor Neratinib in HER2-Mutant Cancers. <i>Cancer Cell</i> , 2020, 37, 183-199.e5.	16.8	33
90	<i>HMGA2</i> Is Confirmed To Be Associated with Human Adult Height. <i>Annals of Human Genetics</i> , 2010, 74, 11-16.	0.8	32

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91	Incidence, risk factors and clinical outcomes of peripherally inserted central catheter spontaneous dislodgment in oncology patients: A prospective cohort study. <i>International Journal of Nursing Studies</i> , 2014, 51, 955-963.	5.6	32
92	Power and sample size calculations for high-throughput sequencing-based experiments. <i>Briefings in Bioinformatics</i> , 2018, 19, 1247-1255.	6.5	32
93	Deciphering the cellular mechanisms underlying fibrosis-associated diseases and therapeutic avenues. <i>Pharmacological Research</i> , 2021, 163, 105316.	7.1	32
94	Targeted Gene Next-Generation Sequencing in Chinese Children with Chronic Pancreatitis and Acute Recurrent Pancreatitis. <i>Journal of Pediatrics</i> , 2017, 191, 158-163.e3.	1.8	32
95	Simulating the Distribution of R/FR in Maize Canopies with Monte Carlo Ray Tracing Approach. , 2009, , .		31
96	Genetic Association Study of Common Mitochondrial Variants on Body Fat Mass. <i>PLoS ONE</i> , 2011, 6, e21595.	2.5	30
97	Meta-analysis identifies a <i>MECOM</i> gene as a novel predisposing factor of osteoporotic fracture. <i>Journal of Medical Genetics</i> , 2013, 50, 212-219.	3.2	30
98	Practicability of detecting somatic point mutation from RNA high throughput sequencing data. <i>Genomics</i> , 2016, 107, 163-169.	2.9	30
99	The discrepancy among single nucleotide variants detected by DNA and RNA high throughput sequencing data. <i>BMC Genomics</i> , 2017, 18, 690.	2.8	30
100	Natural products against renin-angiotensin system for antifibrosis therapy. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 623-633.	5.5	30
101	Comprehensive mutation screening for 10 genes in Chinese patients suffering very early onset inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2016, 22, 5578.	3.3	30
102	FeCo alloy nanoparticle decorated cellulose based carbon aerogel as a low-cost and efficient electromagnetic microwave absorber. <i>Journal of Materials Chemistry C</i> , 2021, 10, 126-134.	5.5	30
103	Mitochondria sequence mapping strategies and practicability of mitochondria variant detection from exome and RNA sequencing data. <i>Briefings in Bioinformatics</i> , 2016, 17, 224-232.	6.5	29
104	RNAseqPS: A Web Tool for Estimating Sample Size and Power for RNAseq Experiment. <i>Cancer Informatics</i> , 2014, 13s6, CIN.S17688.	1.9	28
105	Comprehensive evaluation of extracellular small RNA isolation methods from serum in high throughput sequencing. <i>BMC Genomics</i> , 2017, 18, 50.	2.8	28
106	1 $\alpha$ -Hydroxypyrene mediates renal fibrosis through aryl hydrocarbon receptor signalling pathway. <i>British Journal of Pharmacology</i> , 2022, 179, 103-124.	5.4	28
107	Genome-wide association study identifies two novel loci containing <i>FLNB</i> and <i>SBF2</i> genes underlying stature variation. <i>Human Molecular Genetics</i> , 2009, 18, 1661-1669.	2.9	27
108	Comparison of triple-negative breast cancer molecular subtyping using RNA from matched fresh-frozen versus formalin-fixed paraffin-embedded tissue. <i>BMC Cancer</i> , 2017, 17, 241.	2.6	27

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109	Enhancer of Rudimentary Homolog Affects the Replication Stress Response through Regulation of RNA Processing. <i>Molecular and Cellular Biology</i> , 2015, 35, 2979-2990.	2.3	26
110	MicroRNAs and tRNA-derived fragments predict the transformation of myelodysplastic syndromes to acute myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2017, 58, 2144-2155.	1.3	26
111	Advancing Pan-cancer Gene Expression Survival Analysis by Inclusion of Non-coding RNA. <i>RNA Biology</i> , 2020, 17, 1666-1673.	3.1	26
112	Transcriptional maturation of the mouse auditory forebrain. <i>BMC Genomics</i> , 2015, 16, 606.	2.8	25
113	Profiles of Long Noncoding RNAs in Human Naive and Memory T Cells. <i>Journal of Immunology</i> , 2017, 199, 547-558.	0.8	25
114	Hypoplastic Left Heart Syndrome Sequencing Reveals a Novel NOTCH1 Mutation in a Family with Single Ventricle Defects. <i>Pediatric Cardiology</i> , 2017, 38, 1232-1240.	1.3	25
115	Polymorphisms in the estrogen receptor genes are associated with hip fractures in Chinese. <i>Bone</i> , 2008, 43, 910-914.	2.9	23
116	Targeted sequencing of established and candidate colorectal cancer genes in the Colon Cancer Family Registry Cohort. <i>Oncotarget</i> , 2017, 8, 93450-93463.	1.8	23
117	Genomic Profiling of T-Cell Neoplasms Reveals Frequent <i>JAK1</i> and <i>JAK3</i> Mutations With Clonal Evasion From Targeted Therapies. <i>JCO Precision Oncology</i> , 2018, 2018, 1-16.	3.0	23
118	Intrarenal 1-methoxypyrene, an aryl hydrocarbon receptor agonist, mediates progressive tubulointerstitial fibrosis in mice. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2929-2945.	6.1	23
119	Expression Profiling of Clinical Specimens Supports the Existence of Neural Progenitor-Like Stem Cells in Basal Breast Cancers. <i>Clinical Breast Cancer</i> , 2017, 17, 298-306.e7.	2.4	22
120	Synthesis, Characterization, and Anticancer Activities Evaluation of Compounds Derived from 3,4-Dihydropyrimidin-2(1H)-one. <i>Molecules</i> , 2019, 24, 891.	3.8	22
121	Gene-gene interaction between <i>RBMS3</i> and <i>ZNF516</i> influences bone mineral density. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 828-837.	2.8	21
122	Frequent <i>BRAF</i> mutations suggest a novel oncogenic driver in colonic neuroendocrine carcinoma. <i>Journal of Surgical Oncology</i> , 2018, 117, 284-289.	1.7	21
123	The Landscape of Small Non-Coding RNAs in Triple-Negative Breast Cancer. <i>Genes</i> , 2018, 9, 29.	2.4	21
124	Appraising the role of circulating concentrations of micro-nutrients in epithelial ovarian cancer risk: A Mendelian randomization analysis. <i>Scientific Reports</i> , 2020, 10, 7356.	3.3	21
125	The regulation-of-autophagy pathway may influence Chinese stature variation: evidence from elder adults. <i>Journal of Human Genetics</i> , 2010, 55, 441-447.	2.3	20
126	(2-Chlorobenzoyloxy)copper catalyzed Cu <sup>II</sup> cross-coupling of di(hetero)aryl disulfides with aryl boronic acids under base-free conditions. <i>RSC Advances</i> , 2015, 5, 45479-45483.	3.6	20



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127	Integrated molecular analysis reveals complex interactions between genomic and epigenomic alterations in esophageal adenocarcinomas. <i>Scientific Reports</i> , 2017, 7, 40729.	3.3	20
128	Inhibition of Farnesyltransferase Potentiates NOTCH-Targeted Therapy against Glioblastoma Stem Cells. <i>Stem Cell Reports</i> , 2017, 9, 1948-1960.	4.8	20
129	Facile preparation of a cellulose derived carbon/BN composite aerogel for superior electromagnetic wave absorption. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5311-5320.	5.5	20
130	Chromosomal regions 22q13 and 3p25 may harbor quantitative trait loci influencing both age at menarche and bone mineral density. <i>Human Genetics</i> , 2008, 123, 419-427.	3.8	19
131	Copy Number Variation on Chromosome 10q26.3 for Obesity Identified by a Genome-Wide Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E191-E195.	3.6	19
132	Defective structural RNA processing in relapsing-remitting multiple sclerosis. <i>Genome Biology</i> , 2015, 16, 58.	9.6	19
133	Genomic Positional Dissection of RNA Editomes in Tumor and Normal Samples. <i>Frontiers in Genetics</i> , 2019, 10, 211.	2.3	19
134	Design, synthesis, <i>in vitro</i> and <i>in vivo</i> evaluation of benzylpiperidine-linked 1,3-dimethylbenzimidazolinones as cholinesterase inhibitors against Alzheimer's disease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 330-343.	5.2	19
135	Statistical strategies for microRNAseq batch effect reduction. <i>Translational Cancer Research</i> , 2014, 3, 260-265.	1.0	19
136	lncRNA expression in the auditory forebrain during postnatal development. <i>Gene</i> , 2016, 593, 201-216.	2.2	18
137	Preparation of novel marine antifouling polyurethane coating materials. <i>Polymer Bulletin</i> , 2018, 75, 5143-5162.	3.3	18
138	Machine learning distilled metabolite biomarkers for early stage renal injury. <i>Metabolomics</i> , 2020, 16, 4.	3.0	18
139	Dynamics of Zebrafish Heart Regeneration Using an HPLC-ESI-MS/MS Approach. <i>Journal of Proteome Research</i> , 2018, 17, 1300-1308.	3.7	17
140	Single-nucleotide variants in human RNA: RNA editing and beyond. <i>Briefings in Functional Genomics</i> , 2019, 18, 30-39.	2.7	17
141	Heterogeneity of Circulating Tumor Cell Neoplastic Subpopulations Outlined by Single-Cell Transcriptomics. <i>Cancers</i> , 2021, 13, 4885.	3.7	17
142	Evaluation of Allele Frequency Estimation Using Pooled Sequencing Data Simulation. <i>Scientific World Journal</i> , The, 2013, 2013, 1-9.	2.1	16
143	Estimating relative mitochondrial DNA copy number using high throughput sequencing data. <i>Genomics</i> , 2017, 109, 457-462.	2.9	16
144	Peripheral Blood Mitochondrial DNA Copy Number Obtained From Genome-Wide Genotype Data Is Associated With Neurocognitive Impairment in Persons With Chronic HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 80, e95-e102.	2.1	16

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145	The Endogenous Plasma Small RNAome of Rheumatoid Arthritis. <i>ACR Open Rheumatology</i> , 2020, 2, 97-105.	2.1	16
146	Sex-Specific Association of the Glucocorticoid Receptor Gene With Extreme BMD. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 247-252.	2.8	15
147	A novel splice site mutation in <i>SMARCAL1</i> results in aberrant exon definition in a child with schimke immunosseous dysplasia. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 2260-2264.	1.2	15
148	RNA Sequencing of Formalin-Fixed, Paraffin-Embedded Specimens for Gene Expression Quantification and Data Mining. <i>International Journal of Genomics</i> , 2016, 2016, 1-10.	1.6	15
149	StrandScript: evaluation of Illumina genotyping array design and strand correction. <i>Bioinformatics</i> , 2017, 33, 2399-2401.	4.1	15
150	Mechanistic Phenotypes: An Aggregative Phenotyping Strategy to Identify Disease Mechanisms Using GWAS Data. <i>PLoS ONE</i> , 2013, 8, e81503.	2.5	15
151	Study of disease phenotype and its association with prognosis of paediatric inflammatory bowel disease in China. <i>BMC Pediatrics</i> , 2018, 18, 229.	1.7	14
152	Isoalantolactone restores the sensitivity of gram-negative <i>Enterobacteriaceae</i> carrying MCR-1 to carbapenems. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2475-2483.	3.6	14
153	Tracing Transmission of Sin Nombre Virus and Discovery of Infection in Multiple Rodent Species. <i>Journal of Virology</i> , 2021, 95, e0153421.	3.4	14
154	Pathway-Based Association Analyses Identified TRAIL Pathway for Osteoporotic Fractures. <i>PLoS ONE</i> , 2011, 6, e21835.	2.5	14
155	Comprehensive association analyses of IGF1, ESR2, and CYP17 genes with adult height in Caucasians. <i>European Journal of Human Genetics</i> , 2008, 16, 1380-1387.	2.8	13
156	Assessment of the influence of global dimming on the photosynthetic production of rice based on three-dimensional modeling. <i>Science China Earth Sciences</i> , 2011, 54, 290-297.	5.2	13
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