

Tianhua Niu

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,852
citations

471061

17
h-index

377514

34
g-index

38
all docs

38
docs citations

38
times ranked

2436
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian Haplotype Inference for Multiple Linked Single-Nucleotide Polymorphisms. <i>American Journal of Human Genetics</i> , 2002, 70, 157-169.	2.6	591
2	SeqVISTA: a graphical tool for sequence feature visualization and comparison. <i>BMC Bioinformatics</i> , 2003, 4, 1.	1.2	179
3	Algorithms for inferring haplotypes. <i>Genetic Epidemiology</i> , 2004, 27, 334-347.	0.6	157
4	The insulin-like growth factor-I gene and osteoporosis: A critical appraisal. <i>Gene</i> , 2005, 361, 38-56.	1.0	138
5	A genome-wide scan for loci linked to forearm bone mineral density. <i>Human Genetics</i> , 1999, 104, 226-233.	1.8	131
6	Angiotensin Converting Enzyme Gene Insertion/Deletion Polymorphism and Cardiovascular Disease. <i>Drugs</i> , 2002, 62, 977-993.	4.9	106
7	A 500-kb region on chromosome 16p13.1 contains the pseudoxanthoma elasticum locus: high-resolution mapping and genomic structure. <i>Journal of Molecular Medicine</i> , 2000, 78, 36-46.	1.7	63
8	Breast cancer survival predicted by TP53 mutation status differs markedly depending on treatment. <i>Breast Cancer Research</i> , 2018, 20, 115.	2.2	63
9	Association between polymorphism of the dopamine transporter gene and early smoking onset: an interaction risk on nicotine dependence. <i>Journal of Human Genetics</i> , 2004, 49, 35-39.	1.1	48
10	The Effects of a Low-Carbohydrate Diet vs. a Low-Fat Diet on Novel Cardiovascular Risk Factors: A Randomized Controlled Trial. <i>Nutrients</i> , 2015, 7, 7978-7994.	1.7	42
11	Machine Learning-Augmented Propensity Score-Adjusted Multilevel Mixed Effects Panel Analysis of Hands-On Cooking and Nutrition Education versus Traditional Curriculum for Medical Students as Preventive Cardiology: Multisite Cohort Study of 3,248 Trainees over 5 Years. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	34
12	A novel gene panel for prediction of lymph-node metastasis and recurrence in patients with thyroid cancer. <i>Surgery</i> , 2020, 167, 73-79.	1.0	31
13	Role of TNF in the Altered Interaction of Dormant Mycobacterium tuberculosis with Host Macrophages. <i>PLoS ONE</i> , 2014, 9, e95220.	1.1	30
14	Identification of <i>IDUA</i> and <i>WNT16</i> Phosphorylation-Related Non-Synonymous Polymorphisms for Bone Mineral Density in Meta-Analyses of Genome-Wide Association Studies. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 358-368.	3.1	24
15	Androgen receptor-deficient islet β -cells exhibit alteration in genetic markers of insulin secretion and inflammation. A transcriptome analysis in the male mouse. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 787-795.	1.2	24
16	Identification of a novel <i>FGFR1</i> MicroRNA target site polymorphism for bone mineral density in meta-analyses of genome-wide association studies. <i>Human Molecular Genetics</i> , 2015, 24, 4710-4727.	1.4	22
17	Critical assessment of coalescent simulators in modeling recombination hotspots in genomic sequences. <i>BMC Bioinformatics</i> , 2014, 15, 3.	1.2	21
18	KCNJ11, ABCC8 and TCF7L2 polymorphisms and the response to sulfonylurea treatment in patients with type 2 diabetes: a bioinformatics assessment. <i>BMC Medical Genetics</i> , 2017, 18, 64.	2.1	21

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19	Mycobacterium tuberculosis sensor kinase DosS modulates the autophagosome in a DosR-independent manner. <i>Communications Biology</i> , 2019, 2, 349.	2.0	19
20	A meta-analysis of associations of LEPR Q223R and K109R polymorphisms with Type 2 diabetes risk. <i>PLoS ONE</i> , 2018, 13, e0189366.	1.1	16
21	Air Pollution and its Health Effects in Beijing. <i>EcoHealth</i> , 1998, 4, 199-209.	0.2	12
22	Network-Based Meta-Analyses of Associations of Multiple Gene Expression Profiles with Bone Mineral Density Variations in Women. <i>PLoS ONE</i> , 2016, 11, e0147475.	1.1	12
23	SNPicker: a graphical tool for primer picking in designing mutagenic endonuclease restriction assays. <i>Bioinformatics</i> , 2004, 20, 3263-3265.	1.8	11
24	Candidate Genes for Osteoporosis. <i>Molecular Diagnosis and Therapy</i> , 2001, 1, 11-19.	3.3	10
25	Sequencing-relative to hybridization-based transcriptomics approaches better define Mycobacterium tuberculosis stress-response regulons. <i>Tuberculosis</i> , 2016, 101, S9-S17.	0.8	10
26	D919G polymorphism of methionine synthase gene is associated with blood pressure response to benazepril in Chinese hypertensive patients. <i>Journal of Human Genetics</i> , 2004, 49, 296-301.	1.1	8
27	An Expectation-Maximization“Likelihood-Ratio Test for Handling Missing Data. <i>Genetics</i> , 2005, 169, 1021-1031.	1.2	7
28	A Novel Controlled PTEN-Knockout Mouse Model for Prostate Cancer Study. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 696537.	1.6	7
29	Meta-analysis and machine learning-augmented mixed effects cohort analysis of improved diets among 5847 medical trainees, providers and patients. <i>Public Health Nutrition</i> , 2021, , 1-9.	1.1	5
30	Peripheral Blood Markers Correlate with the Progression of Active Tuberculosis Relative to Latent Control of Mycobacterium tuberculosis Infection in Macaques. <i>Pathogens</i> , 2022, 11, 544.	1.2	3
31	A Statistical Procedure for Detecting Highly Correlated Genes with a Pre-Specified Candidate Gene in Microarray Analysis. <i>Communications in Statistics - Theory and Methods</i> , 2008, 37, 2991-3007.	0.6	2
32	SET levels contribute to cohesion fatigue. <i>Molecular Biology of the Cell</i> , 2021, 32, 1256-1266.	0.9	2
33	Observation of null alleles of microsatellite markers in a Chinese population. <i>GeneScreen</i> , 2000, 1, 41-45.	0.7	1
34	Dynamic visual data mining: biological sequence analysis and annotation using SeqVISTA. <i>International Journal of Bioinformatics Research and Applications</i> , 2005, 1, 18.	0.1	1
35	Genetic alterations of interleukin-17 and related genes in human prostate cancer. <i>American Journal of Clinical and Experimental Urology</i> , 2019, 7, 352-377.	0.4	1
36	Computational Advances in Cardiovascular Health. <i>Computational and Mathematical Methods in Medicine</i> , 2019, 2019, 1-2.	0.7	0

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37	IN SILICO BIOLOGY: HAPLOTYPE INFERENCE, LINKAGE DISEQUILIBRIUM ANALYSIS, AND MICROARRAY-BASED GENE SELECTION TECHNIQUES. , 2005, , .		0
38	Genome and transcriptome profiling of family in human prostate cancer. American Journal of Clinical and Experimental Urology, 2020, 8, 116-128.	0.4	0