

Kefei Chen

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

902
citations

623574

14
h-index

477173

29
g-index

38
all docs

38
docs citations

38
times ranked

1736
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolving the evolution of extant and extinct ruminants with high-throughput phylogenomics. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18644-18649.	3.3	196
2	Genetic Resources, Genome Mapping and Evolutionary Genomics of the Pig <i>(Sus scrofa)</i> . International Journal of Biological Sciences, 2007, 3, 153-165.	2.6	100
3	Early cave art and ancient DNA record the origin of European bison. Nature Communications, 2016, 7, 13158.	5.8	81
4	High-Resolution Analysis of Cytosine Methylation in Ancient DNA. PLoS ONE, 2012, 7, e30226.	1.1	80
5	The effects of air pollution on asthma hospital admissions in Adelaide, South Australia, 2003–2013: time-series and case-crossover analyses. Clinical and Experimental Allergy, 2016, 46, 1416-1430.	1.4	73
6	Gene-set association and epistatic analyses reveal complex gene interaction networks affecting flowering time in a worldwide barley collection. Journal of Experimental Botany, 2019, 70, 5603-5616.	2.4	49
7	The Complete Mitochondrial Genome of an 11,450-year-old Aurochs (<i>Bos primigenius</i>) from Central Italy. BMC Evolutionary Biology, 2011, 11, 32.	3.2	39
8	A simple and parsimonious generalised additive model for predicting wheat yield in a decision support tool. Agricultural Systems, 2019, 173, 140-150.	3.2	28
9	Genome-Wide Association Study and Identification of Candidate Genes for Nitrogen Use Efficiency in Barley (<i>Hordeum vulgare</i> L.). Frontiers in Plant Science, 2020, 11, 571912.	1.7	23
10	Genetic Variation of Porcine Prostaglandin-endoperoxide Synthase 2 (PTGS2) Gene and Its Association with Reproductive Traits in an Erhualian – Duroc F2 Population. Journal of Genetics and Genomics, 2006, 33, 213-219.	0.3	20
11	Molecular characterization of the porcine testis-specific phosphoglycerate kinase 2 (PGK2) gene and its association with male fertility. Mammalian Genome, 2004, 15, 996-1006.	1.0	19
12	Isolation and molecular characterization of the porcine transforming growth factor beta type I receptor (TGFBRI) gene. Gene, 2006, 384, 62-72.	1.0	19
13	A global barley panel revealing genomic signatures of breeding in modern Australian cultivars. Plant Journal, 2021, 106, 419-434.	2.8	19
14	The combined genotypes effect of ESR and FSH ² genes on litter size traits in five different pig breeds. Science Bulletin, 2001, 46, 140-143.	1.7	14
15	Targeted oligonucleotide-mediated microsatellite identification (TOMMI) from large-insert library clones. BMC Genetics, 2005, 6, 54.	2.7	13
16	Association of the Porcine Transforming Growth Factor Beta Type I Receptor (TGFBRI) Gene with Growth and Carcass Traits. Animal Biotechnology, 2012, 23, 43-63.	0.7	13
17	Adult resistance genes to barley powdery mildew confer basal penetration resistance associated with broad-spectrum resistance. Plant Genome, 2021, 14, e20129.	1.6	12
18	Novel approach to the analysis of spatially-varying treatment effects in on-farm experiments. Field Crops Research, 2020, 255, 107783.	2.3	11

#	ARTICLE	IF	CITATIONS
19	Non-escaping frost tolerant QTL linked genetic loci at reproductive stage in six wheat DH populations. <i>Crop Journal</i> , 2022, 10, 147-165.	2.3	11
20	Yield-Related QTL Clusters and the Potential Candidate Genes in Two Wheat DH Populations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11934.	1.8	10
21	Polymorphism of Growth Hormone Gene in 12 Pig Breeds and Its Relationship with Pig Growth and Carcass Traits. <i>Asian-Australasian Journal of Animal Sciences</i> , 2003, 16, 161-164.	2.4	9
22	DNA-based Animal Models of Human Disease: from Genotype to Phenotype. <i>Developments in Biologicals</i> , 2008, 132, 15-25.	0.4	8
23	Piggy-BACing the Human Genome I: Constructing a Porcine BAC Physical Map Through Comparative Genomics. <i>Animal Biotechnology</i> , 2008, 19, 28-42.	0.7	7
24	Grain-Filling Rate Improves Physical Grain Quality in Barley Under Heat Stress Conditions During the Grain-Filling Period. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	7
25	Experts' Perceptions on China's Capacity to Manage Emerging and Re-emerging Zoonotic Diseases in an Era of Climate Change. <i>Zoonoses and Public Health</i> , 2017, 64, 527-536.	0.9	6
26	Polymorphism of Insulin-like Growth Factor-I Gene in 13 Pig Breeds and its Relationship with Pig Growth and Carcass Traits. <i>Asian-Australasian Journal of Animal Sciences</i> , 2002, 15, 1391-1394.	2.4	5
27	Identification of sources of <i>Sclerotinia sclerotiorum</i> resistance in a collection of wild <i>Cicer</i> germplasm. <i>Plant Disease</i> , 2021, 105, 2314-2324.	0.7	4
28	Virulence assessment of Australian <i>Pyrenophora tritici-repentis</i> isolates. <i>Plant Pathology</i> , 2022, 71, 556-565.	1.2	4
29	Assignment of the phosphoglycerate kinase 1 (PGK1) gene to porcine chromosome Xq12-q13 by fluorescence in situ hybridization and hybrid panel analyses. <i>Animal Genetics</i> , 2004, 35, 143-145.	0.6	3
30	Assignment of the phosphoglycerate kinase 2 (PGK2) gene to porcine chromosome 7q14-q15 by fluorescence in situ hybridization and by analysis of somatic cell and radiation hybrid panels. <i>Animal Genetics</i> , 2004, 35, 71-72.	0.6	3
31	Structural and expression analysis of the porcine FUS2 gene. <i>Gene</i> , 2004, 337, 105-111.	1.0	3
32	Genomic structural equation modelling provides a whole-system approach for the future crop breeding. <i>Theoretical and Applied Genetics</i> , 2021, 134, 2875-2889.	1.8	3
33	Chromosomal assignment of porcine oncogenic and apoptotic genes CACNA2D2, TUSC4, ATP2A1, COL1A1, TAC1, BAK1 and CASP9. <i>Animal Genetics</i> , 2006, 37, 523-525.	0.6	1
34	Identification of <i>Sclerotinia</i> stem rot resistance quantitative trait loci in a chickpea (<i>Cicer arietinum</i>) recombinant inbred line population. <i>Functional Plant Biology</i> , 2022, , .	1.1	1
35	Characterization of the PGK2 Associated Microsatellite S0719 on SSC7 Suitable for Parentage and QTL Diagnosis. <i>Animal Biotechnology</i> , 2006, 17, 43-49.	0.7	0
36	Reply to "Comments on the effects of air pollution on asthma hospital admissions in Adelaide, South Australia, 2003-2013: time series and case-crossover analyses". <i>Clinical and Experimental Allergy</i> , 2017, 47, 141-141.		0

#	ARTICLE	IF	CITATIONS
37	Exploring barley germplasm for yield improvement under sulphur-limiting environments. Burleigh Dodds Series in Agricultural Science, 2020, , 97-122.	0.1	0