

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	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
2	Virulence assessment of Australian <i>Pyrenophora tritici-repentis</i> isolates. <i>Plant Pathology</i> , 2022, 71, 556-565.	1.2	4
3	Identification of Sclerotinia 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
4	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
5	A global barley panel revealing genomic signatures of breeding in modern Australian cultivars. <i>Plant Journal</i> , 2021, 106, 419-434.	2.8	19
6	Identification of sources of Sclerotinia sclerotiorum resistance in a collection of wild Cicer germplasm. <i>Plant Disease</i> , 2021, 105, 2314-2324.	0.7	4
7	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
8	Adult resistance genes to barley powdery mildew confer basal penetration resistance associated with broad-spectrum resistance. <i>Plant Genome</i> , 2021, 14, e20129.	1.6	12
9	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
10	Genome-Wide Association Study and Identification of Candidate Genes for Nitrogen Use Efficiency in Barley (<i>Hordeum vulgare</i> L.). <i>Frontiers in Plant Science</i> , 2020, 11, 571912.	1.7	23
11	Novel approach to the analysis of spatially-varying treatment effects in on-farm experiments. <i>Field Crops Research</i> , 2020, 255, 107783.	2.3	11
12	Exploring barley germplasm for yield improvement under sulphur-limiting environments. <i>Burleigh Dodds Series in Agricultural Science</i> , 2020, , 97-122.	0.1	0
13	Gene-set association and epistatic analyses reveal complex gene interaction networks affecting flowering time in a worldwide barley collection. <i>Journal of Experimental Botany</i> , 2019, 70, 5603-5616.	2.4	49
14	A simple and parsimonious generalised additive model for predicting wheat yield in a decision support tool. <i>Agricultural Systems</i> , 2019, 173, 140-150.	3.2	28
15	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
16	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
17	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> , 2016, 46, 1416-1430.	1.4	73
18	Early cave art and ancient DNA record the origin of European bison. <i>Nature Communications</i> , 2016, 7, 13158.	5.8	81

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19	Association of the Porcine Transforming Growth Factor Beta Type I Receptor (TGFB1) Gene with Growth and Carcass Traits. <i>Animal Biotechnology</i> , 2012, 23, 43-63.	0.7	13
20	High-Resolution Analysis of Cytosine Methylation in Ancient DNA. <i>PLoS ONE</i> , 2012, 7, e30226.	1.1	80
21	The Complete Mitochondrial Genome of an 11,450-year-old Aurochsen (<i>Bos primigenius</i>) from Central Italy. <i>BMC Evolutionary Biology</i> , 2011, 11, 32.	3.2	39
22	Resolving the evolution of extant and extinct ruminants with high-throughput phylogenomics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18644-18649.	3.3	196
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	DNA-based Animal Models of Human Disease: from Genotype to Phenotype. <i>Developments in Biologicals</i> , 2008, 132, 15-25.	0.4	8
25	Genetic Resources, Genome Mapping and Evolutionary Genomics of the Pig (<i>Sus scrofa</i>). <i>International Journal of Biological Sciences</i> , 2007, 3, 153-165.	2.6	100
26	Characterization of the PKG2 Associated Microsatellite S0719 on SSC7 Suitable for Parentage and QTL Diagnosis. <i>Animal Biotechnology</i> , 2006, 17, 43-49.	0.7	0
27	Isolation and molecular characterization of the porcine transforming growth factor beta type I receptor (TGFB1) gene. <i>Gene</i> , 2006, 384, 62-72.	1.0	19
28	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
29	Genetic Variation of Porcine Prostaglandin-endoperoxide Synthase 2 (PTGS2) Gene and Its Association with Reproductive Traits in an Erhualian × Duroc F2 Population. <i>Journal of Genetics and Genomics</i> , 2006, 33, 213-219.	0.3	20
30	Targeted oligonucleotide-mediated microsatellite identification (TOMMI) from large-insert library clones. <i>BMC Genetics</i> , 2005, 6, 54.	2.7	13
31	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
32	Molecular characterization of the porcine testis-specific phosphoglycerate kinase 2 (PGK2) gene and its association with male fertility. <i>Mammalian Genome</i> , 2004, 15, 996-1006.	1.0	19
33	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
34	Structural and expression analysis of the porcine FUS2 gene. <i>Gene</i> , 2004, 337, 105-111.	1.0	3
35	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
36	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

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37	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