

Yizhou Chen

List of Publications by Year in descending order

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35
papers

735
citations

623699

14
h-index

526264

27
g-index

35
all docs

35
docs citations

35
times ranked

878
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of abamectin resistance in <i>Tetranychus urticae</i> in Australian cotton and the establishment of discriminating doses for <i>T. lambi</i> . <i>Experimental and Applied Acarology</i> , 2021, 83, 325-341.	1.6	4
2	Mutation (G275E) of nAChR subunit $\alpha 6$ associated with spinetoram resistance in Australian western flower thrips, <i>Frankliniella occidentalis</i> (Pergande). <i>Molecular Biology Reports</i> , 2021, 48, 3155-3163.	2.3	9
3	Preliminary characterisation of known pesticide resistance alleles in <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) in its invasive Australian range. <i>Austral Entomology</i> , 2021, 60, 782-790.	1.4	13
4	Linkage mapping an indoxacarb resistance locus in <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) by genotype-by-sequencing. <i>Pest Management Science</i> , 2020, 76, 617-627.	3.4	6
5	Development and use of a single real-time PCR assay to identify the three spider mite species <i>Tetranychus urticae</i> , <i>Tetranychus lambi</i> and <i>Tetranychus ludeni</i> (Acari). <i>Trends in Microbiology</i> , 2018, 26, 107-113.	1.0	10
6	First detection of etoxazole resistance in Australian two-spotted mite <i>Tetranychus urticae</i> Koch (Acarina: Tetranychidae) via bioassay and DNA methods. <i>Austral Entomology</i> , 2018, 57, 365-368.	1.4	15
7	A significant fitness cost associated with ACE1 target site pirimicarb resistance in a field isolate of <i>Aphis gossypii</i> Glover from Australian cotton. <i>Journal of Pest Science</i> , 2017, 90, 773-779.	3.7	15
8	Characterization and Profiling of Liver microRNAs by RNA-sequencing in Cattle Divergently Selected for Residual Feed Intake. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016, 29, 1371-1382.	2.4	28
9	Extraordinary conservation of entire chromosomes in insects over long evolutionary periods. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 229-234.	2.3	28
10	A single multiplex PCR reaction for distinguishing strains of Queensland fruit fly <i>Bactrocera tryoni</i> (Diptera: Tephritidae). <i>Austral Entomology</i> , 2016, 55, 316-323.	1.4	6
11	The expression of genes encoding enzymes regulating fat metabolism is affected by maternal nutrition when lambs are fed algae high in omega-3. <i>Livestock Science</i> , 2016, 187, 53-60.	1.6	14
12	Manipulation of Omega-3 PUFAs in Lamb: Phenotypic and Genotypic Views. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2015, 14, 189-204.	11.7	36
13	A TaqMan qPCR method for detecting <i>kdr</i> resistance in <i>Aphis gossypii</i> demonstrates improved sensitivity compared to conventional PCR-RFLP. <i>Journal of Pest Science</i> , 2015, 88, 785-791.	3.7	6
14	Quantification of the Pirimicarb Resistance Allele Frequency in Pooled Cotton Aphid (<i>Aphis gossypii</i>) by Real-time PCR. <i>Journal of Pest Science</i> , 2015, 88, 791-796.	2.5	9
15	Expression of candidate genes for residual feed intake in Angus cattle. <i>Animal Genetics</i> , 2014, 45, 12-19.	1.7	31
16	Baseline susceptibility and cross-resistance in <i>Aphis gossypii</i> to phorate and sulfoxaflor. <i>Austral Entomology</i> , 2014, 53, 32-35.	1.4	11
17	Hormonal growth implants affect feed efficiency and expression of residual feed intake-associated genes in beef cattle. <i>Animal Production Science</i> , 2014, 54, 550.	1.3	4
18	Evidence of superclones in Australian cotton aphid <i>Aphis gossypii</i> Glover (Aphididae). <i>Journal of Pest Science</i> , 2014, 87, 62-67.	3.4	27

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19	Detection of <i>kdr</i> pyrethroid resistance in the cotton aphid, <i>Aphis gossypii</i> (Hemiptera: Aphididae), using a PCR-RFLP assay. <i>Journal of Pesticide Sciences</i> , 2012, 37, 169-172.	1.4	29
20	Using genes differentially expressed in bulls to classify steers divergently selected for high and low residual feed intake. <i>Animal Production Science</i> , 2012, 52, 608.	1.3	9
21	Using gene expression information obtained by quantitative real-time PCR to evaluate Angus bulls divergently selected for feed efficiency. <i>Animal Production Science</i> , 2012, 52, 1058.	1.3	11
22	A single nucleotide polymorphism in suppressor of cytokine signalling-2 is associated with growth and feed conversion efficiency in pigs. <i>Animal Genetics</i> , 2011, 42, 219-221.	1.7	0
23	Global gene expression profiling reveals genes expressed differentially in cattle with high and low residual feed intake. <i>Animal Genetics</i> , 2011, 42, 475-490.	1.7	139
24	First Evidence of Higher Female Recombination in a Species with Temperature-Dependent Sex Determination: the Saltwater Crocodile. <i>Journal of Heredity</i> , 2006, 97, 599-602.	2.4	28
25	Assignment of <i>LUCK2</i> , <i>ATF3</i> and <i>RGS18</i> from human chromosome 1 to porcine chromosomes 4, 9 and 10 with somatic and radiation hybrid panels. <i>Cytogenetic and Genome Research</i> , 2006, 112, 341F-341F.	1.1	1
26	Population genetic variability and origin of Auckland Island feral pigs. <i>Journal of the Royal Society of New Zealand</i> , 2005, 35, 279-285.	1.9	8
27	Genetic and functional evaluation of the level of inbreeding of the Westran pig: a herd with potential for use in xenotransplantation. <i>Xenotransplantation</i> , 2005, 12, 308-315.	2.8	25
28	Assignment ¹ of suppressor of cytokine signalling-2 (<i>SOCS2</i>) to porcine chromosome 5 with radiation hybrids. <i>Cytogenetic and Genome Research</i> , 2005, 111, 96B-96B.	1.1	5
29	Analysis of Microsatellites and Parentage Testing in Saltwater Crocodiles. <i>Journal of Heredity</i> , 2004, 95, 445-449.	2.4	29
30	Linkage and QTL mapping for <i>Sus scrofa</i> chromosome 2. <i>Journal of Animal Breeding and Genetics</i> , 2003, 120, 11-19.	2.0	55
31	Linkage and QTL mapping for <i>Sus scrofa</i> chromosome 5. <i>Journal of Animal Breeding and Genetics</i> , 2003, 120, 38-44.	2.0	28
32	Improving the comparative map of porcine chromosome 10 with respect to human chromosomes 1, 9 and 10. <i>Cytogenetic and Genome Research</i> , 2003, 102, 121-127.	1.1	4
33	Improving the comparative map of porcine chromosome 9 with respect to human chromosomes 1, 7 and 11. <i>Cytogenetic and Genome Research</i> , 2003, 102, 128-132.	1.1	6
34	Analysis of diversity and genetic relationships between four Chinese indigenous pig breeds and one Australian commercial pig breed. <i>Animal Genetics</i> , 2000, 31, 322-325.	1.7	68
35	Porcine (GT) Sequences: Structure and Association with Dispersed and Tandem Repeats. <i>Genomics</i> , 1994, 21, 63-70.	2.9	25