

Yutao Li

List of Publications by Year in descending order

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49
papers

1,741
citations

218381

26
h-index

288905

40
g-index

51
all docs

51
docs citations

51
times ranked

1905
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Angus SteerSELECT: a genomic-based tool to identify performance differences of Australian Angus steers during feedlot finishing: Phase 1 validation. <i>Animal Production Science</i> , 2021, 61, 1884-1892.	0.6	7
2	The effect of electro-hydrodynamic shockwaves on the quality of striploin and brisket beef muscles during long-term storage. <i>Innovative Food Science and Emerging Technologies</i> , 2021, 68, 102627.	2.7	8
3	ImmuneDEX: a strategy for the genetic improvement of immune competence in Australian Angus cattle. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	11
4	Bias, dispersion, and accuracy of genomic predictions for feedlot and carcass traits in Australian Angus steers. <i>Genetics Selection Evolution</i> , 2021, 53, 77.	1.2	7
5	Associations between immune competence phenotype and feedlot health and productivity in Angus cattle. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	6
6	Volatile and non-volatile metabolite changes in 140-day stored vacuum packaged chilled beef and potential shelf life markers. <i>Meat Science</i> , 2020, 161, 108016.	2.7	44
7	Inclusion of features derived from a mixture of time window sizes improved classification accuracy of machine learning algorithms for sheep grazing behaviours. <i>Computers and Electronics in Agriculture</i> , 2020, 179, 105857.	3.7	16
8	Quantitative Genetic Assessment of Female Reproductive Traits in a Domesticated Pacific White Shrimp (<i>Penaeus vannamei</i>) Line in China. <i>Scientific Reports</i> , 2020, 10, 7840.	1.6	6
9	Genetic parameters for growth and survival traits in a base population of Pacific white shrimp (<i>Litopenaeus vannamei</i>) developed from domesticated strains in China. <i>Aquaculture</i> , 2020, 523, 735148.	1.7	15
10	Gene Networks Driving Genetic Variation in Milk and Cheese-Making Traits of Spanish Assaf Sheep. <i>Genes</i> , 2020, 11, 715.	1.0	15
11	Association analysis of loci implied in "buffering" epistasis. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	2
12	Effects of increased scrotal temperature on semen quality and seminal plasma proteins in Brahman bulls. <i>Molecular Reproduction and Development</i> , 2020, 87, 574-597.	1.0	12
13	Shelf life extension of vacuum packaged chilled beef in the Chinese supply chain. A feasibility study. <i>Meat Science</i> , 2019, 153, 135-143.	2.7	38
14	Decay rates of <i>Escherichia coli</i> , <i>Enterococcus</i> spp., F-specific bacteriophage MS2, somatic coliphage and human adenovirus in facultative pond sludge. <i>Water Research</i> , 2019, 154, 62-71.	5.3	14
15	Differences in light scattering between pale and dark beef longissimus thoracis muscles are primarily caused by differences in the myofibril lattice, myofibril and muscle fibre transverse spacings. <i>Meat Science</i> , 2019, 149, 96-106.	2.7	55
16	Weighting genomic and genealogical information for genetic parameter estimation and breeding value prediction in tropical beef cattle. <i>Journal of Animal Science</i> , 2018, 96, 612-617.	0.2	5
17	Evaluation of nonadditive effects in yearling weight of tropical beef cattle ¹ . <i>Journal of Animal Science</i> , 2018, 96, 4028-4034.	0.2	13
18	Genomic Prediction of Breeding Values Using a Subset of SNPs Identified by Three Machine Learning Methods. <i>Frontiers in Genetics</i> , 2018, 9, 237.	1.1	129

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19	Evaluation of non-additive genetic variation in feed-related traits of broiler chickens. Poultry Science, 2017, 96, 754-763.	1.5	7
20	Pathogen Decay during Managed Aquifer Recharge at Four Sites with Different Geochemical Characteristics and Recharge Water Sources. Journal of Environmental Quality, 2015, 44, 1402-1412.	1.0	45
21	Some aspects of design and analysis of selection programmes in aquaculture species. Journal of Animal Breeding and Genetics, 2015, 132, 169-175.	0.8	8
22	Seminal plasma proteins and their relationship with percentage of morphologically normal sperm in 2-year-old Brahman (<i>Bos indicus</i>) bulls. Animal Reproduction Science, 2015, 162, 20-30.	0.5	30
23	Decay of <i>Salmonella enterica</i> , <i>Escherichia coli</i> and bacteriophage MS2 on the phyllosphere and stored grains of wheat (<i>Triticum aestivum</i>). Letters in Applied Microbiology, 2014, 58, 16-24.	1.0	6
24	Evidence for positive selection of taurine genes within a QTL region on chromosome X associated with testicular size in Australian Brahman cattle. BMC Genetics, 2014, 15, 6.	2.7	21
25	A Candidate Gene Association Study for Growth Performance in an Improved Giant Freshwater Prawn (<i>Macrobrachium rosenbergii</i>) Culture Line. Marine Biotechnology, 2014, 16, 161-180.	1.1	27
26	Seminal plasma proteome of electroejaculated <i>Bos indicus</i> bulls. Animal Reproduction Science, 2014, 148, 1-17.	0.5	61
27	Decay of enteric microorganisms in biosolids-amended soil under wheat (<i>Triticum aestivum</i>) cultivation. Water Research, 2014, 59, 185-197.	5.3	19
28	The <i>IGF1</i> pathway genes and their association with age of puberty in cattle. Animal Genetics, 2013, 44, 91-95.	0.6	59
29	Male traits and herd reproductive capability in tropical beef cattle. 2. Genetic parameters of bull traits. Animal Production Science, 2013, 53, 101.	0.6	50
30	Male traits and herd reproductive capability in tropical beef cattle. 1. Experimental design and animal measures. Animal Production Science, 2013, 53, 87.	0.6	27
31	Genetic analysis of <i>BTLT</i> shrimp (<i>Penaeus monodon</i>) across its natural distribution range reveals more recent colonization of <i>Fiji</i> and other <i>South Pacific</i> islands. Ecology and Evolution, 2012, 2, 2057-2071.	0.8	38
32	Identification of a novel inducible cytosolic Hsp70 gene in Chinese shrimp <i>Fenneropenaeus chinensis</i> and comparison of its expression with the cognate Hsc70 under different stresses. Cell Stress and Chaperones, 2010, 15, 83-93.	1.2	57
33	A genomics-informed, SNP association study reveals <i>FBLN1</i> and <i>FABP4</i> as contributing to resistance to fleece rot in Australian Merino sheep. BMC Veterinary Research, 2010, 6, 27.	0.7	25
34	Single nucleotide polymorphisms in the actin and crustacean hyperglycemic hormone genes and their correlation with individual growth performance in giant freshwater prawn <i>Macrobrachium rosenbergii</i> . Aquaculture, 2010, 301, 7-15.	1.7	56
35	A genome-wide association study of tick burden and milk composition in cattle. Animal Production Science, 2010, 50, 235.	0.6	37
36	Microsatellite and mitochondrial haplotype diversity reveals population differentiation in the tiger shrimp (<i>Penaeus monodon</i>) in the Indo-Pacific region. Animal Genetics, 2008, 39, 267-277.	0.6	58

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37	Shifts in genetic diversity during domestication of Black Tiger shrimp, <i>Penaeus monodon</i> , monitored using two multiplexed microsatellite systems. <i>Aquaculture</i> , 2008, 283, 1-6.	1.7	39
38	Development of two microsatellite multiplex systems for black tiger shrimp <i>Penaeus monodon</i> and its application in genetic diversity study for two populations. <i>Aquaculture</i> , 2007, 266, 279-288.	1.7	45
39	Characterization of AFLP Markers Associated with Growth in the Kuruma Prawn, <i>Marsupenaeus japonicus</i> , and Identification of a Candidate Gene. <i>Marine Biotechnology</i> , 2007, 9, 712-721.	1.1	28
40	Application of DNA parentage analyses for determining relative growth rates of <i>Penaeus japonicus</i> families reared in commercial ponds. <i>Aquaculture</i> , 2006, 254, 171-181.	1.7	26
41	QTL detection of production traits for the Kuruma prawn <i>Penaeus japonicus</i> (Bate) using AFLP markers. <i>Aquaculture</i> , 2006, 258, 198-210.	1.7	37
42	Detecting quantitative trait loci affecting beef tenderness on bovine chromosome 7 near calpastatin and lysyl oxidase. <i>Australian Journal of Experimental Agriculture</i> , 2006, 46, 159.	1.0	18
43	Development of polymorphic expressed sequence tag-derived microsatellites for the extension of the genetic linkage map of the black tiger shrimp (<i>Penaeus monodon</i>). <i>Animal Genetics</i> , 2006, 37, 363-368.	0.6	55
44	Isolation and characterization of microsatellite loci in the striped mullet, <i>Mugil cephalus</i> . <i>Molecular Ecology Notes</i> , 2005, 5, 323-326.	1.7	14
45	SNP analysis of <i>AMY2</i> and <i>CTSL</i> genes in <i>Litopenaeus vannamei</i> and <i>Penaeus monodon</i> shrimp. <i>Animal Genetics</i> , 2005, 36, 235-236.	0.6	49
46	Parentage determination of Kuruma shrimp <i>Penaeus</i> (<i>Marsupenaeus</i>) <i>japonicus</i> using microsatellite markers (Bate). <i>Aquaculture</i> , 2004, 235, 237-247.	1.7	60
47	Genetic mapping of the kuruma prawn <i>Penaeus japonicus</i> using AFLP markers. <i>Aquaculture</i> , 2003, 219, 143-156.	1.7	124
48	Genetic mapping of the black tiger shrimp <i>Penaeus monodon</i> with amplified fragment length polymorphism. <i>Aquaculture</i> , 2002, 204, 297-309.	1.7	205
49	Comprehensive linkage map of bovine chromosome 27. <i>Animal Genetics</i> , 2001, 32, 95-97.	0.6	4