

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	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
2	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
3	Genetic mapping of the kuruma prawn <i>Penaeus japonicus</i> using AFLP markers. <i>Aquaculture</i> , 2003, 219, 143-156.	1.7	124
4	Seminal plasma proteome of electroejaculated <i>Bos indicus</i> bulls. <i>Animal Reproduction Science</i> , 2014, 148, 1-17.	0.5	61
5	Parentage determination of Kuruma shrimp <i>Penaeus (Marsupenaeus) japonicus</i> using microsatellite markers (Bate). <i>Aquaculture</i> , 2004, 235, 237-247.	1.7	60
6	The <i>IGF1</i> pathway genes and their association with age of puberty in cattle. <i>Animal Genetics</i> , 2013, 44, 91-95.	0.6	59
7	Microsatellite and mitochondrial haplotype diversity reveals population differentiation in the tiger shrimp (<i>Penaeus monodon</i>) in the Indo-Pacific region. <i>Animal Genetics</i> , 2008, 39, 267-277.	0.6	58
8	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. <i>Cell Stress and Chaperones</i> , 2010, 15, 83-93.	1.2	57
9	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> . <i>Aquaculture</i> , 2010, 301, 7-15.	1.7	56
10	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
11	Differences in light scattering between pale and dark beef longissimus thoracis muscles are primarily caused by differences in the myofilament lattice, myofibril and muscle fibre transverse spacings. <i>Meat Science</i> , 2019, 149, 96-106.	2.7	55
12	Male traits and herd reproductive capability in tropical beef cattle. 2. Genetic parameters of bull traits. <i>Animal Production Science</i> , 2013, 53, 101.	0.6	50
13	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
14	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
15	Pathogen Decay during Managed Aquifer Recharge at Four Sites with Different Geochemical Characteristics and Recharge Water Sources. <i>Journal of Environmental Quality</i> , 2015, 44, 1402-1412.	1.0	45
16	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
17	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
18	Genetic analysis of <i>Black Tiger shrimp (Penaeus monodon)</i> across its natural distribution range reveals more recent colonization of <i>Fiji</i> and other <i>South Pacific</i> islands. <i>Ecology and Evolution</i> , 2012, 2, 2057-2071.	0.8	38

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19	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
20	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
21	A genome-wide association study of tick burden and milk composition in cattle. <i>Animal Production Science</i> , 2010, 50, 235.	0.6	37
22	Seminal plasma proteins and their relationship with percentage of morphologically normal sperm in 2-year-old Brahman (<i>Bos indicus</i>) bulls. <i>Animal Reproduction Science</i> , 2015, 162, 20-30.	0.5	30
23	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
24	Male traits and herd reproductive capability in tropical beef cattle. 1. Experimental design and animal measures. <i>Animal Production Science</i> , 2013, 53, 87.	0.6	27
25	A Candidate Gene Association Study for Growth Performance in an Improved Giant Freshwater Prawn (<i>Macrobrachium rosenbergii</i>) Culture Line. <i>Marine Biotechnology</i> , 2014, 16, 161-180.	1.1	27
26	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
27	A genomics-informed, SNP association study reveals FBLN1 and FABP4 as contributing to resistance to fleece rot in Australian Merino sheep. <i>BMC Veterinary Research</i> , 2010, 6, 27.	0.7	25
28	Evidence for positive selection of taurine genes within a QTL region on chromosome X associated with testicular size in Australian Brahman cattle. <i>BMC Genetics</i> , 2014, 15, 6.	2.7	21
29	Decay of enteric microorganisms in biosolids-amended soil under wheat (<i>Triticum aestivum</i>) cultivation. <i>Water Research</i> , 2014, 59, 185-197.	5.3	19
30	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
31	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
32	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
33	Gene Networks Driving Genetic Variation in Milk and Cheese-Making Traits of Spanish Assaf Sheep. <i>Genes</i> , 2020, 11, 715.	1.0	15
34	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
35	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
36	Evaluation of nonadditive effects in yearling weight of tropical beef cattle. <i>Journal of Animal Science</i> , 2018, 96, 4028-4034.	0.2	13

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37	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
38	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
39	Some aspects of design and analysis of selection programmes in aquaculture species. <i>Journal of Animal Breeding and Genetics</i> , 2015, 132, 169-175.	0.8	8
40	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
41	Evaluation of non-additive genetic variation in feed-related traits of broiler chickens. <i>Poultry Science</i> , 2017, 96, 754-763.	1.5	7
42	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
43	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
44	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>). <i>Letters in Applied Microbiology</i> , 2014, 58, 16-24.	1.0	6
45	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
46	Associations between immune competence phenotype and feedlot health and productivity in Angus cattle. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	6
47	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
48	Comprehensive linkage map of bovine chromosome 27. <i>Animal Genetics</i> , 2001, 32, 95-97.	0.6	4
49	Association analysis of loci implied in buffering-epistasis. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	2