

# Xiaozhen Song

## List of Publications by Year in descending order

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16  
papers

193  
citations

1163117

8  
h-index

1125743

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Traditional Chinese Medicine Prescriptions Enhance Growth Performance of Heat Stressed Beef Cattle by Relieving Heat Stress Responses and Increasing Apparent Nutrient Digestibility. <i>Asian-Australasian Journal of Animal Sciences</i> , 2014, 27, 1513-1520.	2.4	28
2	Expression of a recombinant <i>Lentinula edodes</i> cellobiohydrolase by <i>Pichia pastoris</i> and its effects on in vitro ruminal fermentation of agricultural straws. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 146-155.	7.5	25
3	Response of Growth Performance, Blood Biochemistry Indices, and Rumen Bacterial Diversity in Lambs to Diets Containing Supplemental Probiotics and Chinese Medicine Polysaccharides. <i>Frontiers in Veterinary Science</i> , 2021, 8, 681389.	2.2	20
4	Recombinant <i>Lentinula edodes</i> xylanase improved the hydrolysis and in vitro ruminal fermentation of soybean straw by changing its fiber structure. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 286-292.	7.5	17
5	Expression of a Recombinant <i>Lentinula edodes</i> Xylanase by <i>Pichia pastoris</i> and Its Effects on Ruminal Fermentation and Microbial Community in in vitro Incubation of Agricultural Straws. <i>Frontiers in Microbiology</i> , 2018, 9, 2944.	3.5	15
6	Effects of recombinant swollenin on the enzymatic hydrolysis, rumen fermentation, and rumen microbiota during in vitro incubation of agricultural straws. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 348-358.	7.5	14
7	RNA-Seq analysis reveals the potential molecular mechanisms of daidzein on adipogenesis in subcutaneous adipose tissue of finishing Xianan beef cattle. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1-11.	2.2	11
8	Construction and characterization of a chimeric enzyme of swollenin and xylanase to improve soybean straw hydrolysis. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 558-564.	7.5	11
9	Characteristics of a recombinant <i>Lentinula edodes</i> endoglucanase and its potential for application in silage of rape straw. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 49-56.	7.5	9
10	Radix Puerarin Extract (Puerarin) Could Improve Meat Quality of Heat-Stressed Beef Cattle Through Changing Muscle Antioxidant Ability and Fiber Characteristics. <i>Frontiers in Veterinary Science</i> , 2020, 7, 615086.	2.2	9
11	RNA-Seq Analysis Reveals the Potential Molecular Mechanisms of Puerarin on Intramuscular Fat Deposition in Heat-Stressed Beef Cattle. <i>Frontiers in Nutrition</i> , 2022, 9, 817557.	3.7	8
12	Effect of daidzein on fermentation parameters and bacterial community of finishing Xianan cattle. <i>Italian Journal of Animal Science</i> , 2018, 17, 950-958.	1.9	7
13	Characterization of a recombinant zein-degrading protease from <i>Zea mays</i> by <i>Pichia pastoris</i> and its effects on enzymatic hydrolysis of corn starch. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 3287-3293.	7.5	6
14	Puerarin improved growth performance and postmortem meat quality by regulating lipid metabolism of cattle under hot environment. <i>Animal Science Journal</i> , 2021, 92, e13543.	1.4	6
15	Effect of probiotics and Chinese medicine polysaccharides on meat quality, muscle fibre type and intramuscular fat deposition in lambs. <i>Italian Journal of Animal Science</i> , 2022, 21, 811-820.	1.9	4
16	Characterization of yeast cell surface displayed <i>Lentinula edodes</i> xylanase and its effects on the hydrolysis of wheat. <i>International Journal of Biological Macromolecules</i> , 2022, 199, 341-347.	7.5	3