Minghui Zhang

List of Publications by Year
in descending order

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		759233	752698
22	462	12	20
papers	citations	h-index	g-index

22	22	22	400
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The regulatory mechanism of amino acids on milk protein and fat synthesis in mammary epithelial cells: a mini review. Animal Biotechnology, 2023, 34, 402-412.	1.5	6
2	Isoleucine stimulates mTOR and SREBP-1c gene expression for milk synthesis in mammary epithelial cells through BRG1-mediated chromatin remodelling. British Journal of Nutrition, 2023, 129, 553-563.	2.3	3
3	Phospho-Tudor-SN coordinates with STAT5 to regulate prolactin-stimulated milk protein synthesis and proliferation of bovine mammary epithelial cells. Animal Biotechnology, 2022, 33, 1161-1169.	1.5	2
4	Methionine and leucine induce ARID1A degradation to promote mTOR expression and milk synthesis in mammary epithelial cells. Journal of Nutritional Biochemistry, 2022, 101, 108924.	4.2	16
5	Development and evaluation of a novel loop mediated isothermal amplification coupled with TaqMan probe assay for detection of genetically modified organism with NOS terminator. Food Chemistry, 2021, 356, 129684.	8.2	14
6	Transcription factor E2F4 is a positive regulator of milk biosynthesis and proliferation of bovine mammary epithelial cells. Cell Biology International, 2020, 44, 229-241.	3.0	5
7	Heavy Metal Stress-Associated Proteins in Rice and Arabidopsis: Genome-Wide Identification, Phylogenetics, Duplication, and Expression Profiles Analysis. Frontiers in Genetics, 2020, 11, 477.	2.3	94
8	Proteomic Analysis Reveals Proteins and Pathways Associated with Lactation in Bovine Mammary Epithelial Cell-Derived Exosomes. Journal of Proteome Research, 2020, 19, 3211-3219.	3.7	16
9	Leucine Promotes Milk Synthesis in Bovine Mammary Epithelial Cells via the PI3K-DDX59 Signaling. Journal of Agricultural and Food Chemistry, 2019, 67, 8884-8895.	5.2	20
10	NUCKS1 is a novel regulator of milk synthesis in and proliferation of mammary epithelial cells via the mTOR signaling pathway. Journal of Cellular Physiology, 2019, 234, 15825-15835.	4.1	22
11	Lysine Enhances the Stimulation of Fatty Acids on Milk Fat Synthesis via the GPRC6A-PI3K-FABP5 Signaling in Bovine Mammary Epithelial Cells. Journal of Agricultural and Food Chemistry, 2019, 67, 7005-7015.	5.2	48
12	Cyclaseâ€associated protein 1 is a key negative regulator of milk synthesis and proliferation of bovine mammary epithelial cells. Cell Biochemistry and Function, 2019, 37, 185-192.	2.9	3
13	U2AF65 enhances milk synthesis and growth of bovine mammary epithelial cells by positively regulating the mTORâ€SREBPâ€1c signalling pathway. Cell Biochemistry and Function, 2019, 37, 93-101.	2.9	11
14	Genome-Wide Characterization and Identification of Trihelix Transcription Factor and Expression Profiling in Response to Abiotic Stresses in Rice (Oryza sativa L.). International Journal of Molecular Sciences, 2019, 20, 251.	4.1	47
15	Mitochondrial ATAD3A regulates milk biosynthesis and proliferation of mammary epithelial cells from dairy cow via the mTOR pathway. Cell Biology International, 2018, 42, 533-542.	3.0	10
16	DEAD-box helicase 6 (DDX6) is a new negative regulator for milk synthesis and proliferation of bovine mammary epithelial cells. In Vitro Cellular and Developmental Biology - Animal, 2018, 54, 52-60.	1.5	12
17	Annexin A2 positively regulates milk synthesis and proliferation of bovine mammary epithelial cells through the mTOR signaling pathway. Journal of Cellular Physiology, 2018, 233, 2464-2475.	4.1	51
18	Nuclear Factor of ÎºB1 Is a Key Regulator for the Transcriptional Activation of Milk Synthesis in Bovine Mammary Epithelial Cells. DNA and Cell Biology, 2017, 36, 295-302.	1.9	29

#	Article	IF	Citations
19	Twinfilin 1 enhances milk bio-synthesis and proliferation of bovine mammary epithelial cells via the mTOR signaling pathway. Biochemical and Biophysical Research Communications, 2017, 492, 289-294.	2.1	23
20	Establishment of a loop-mediated isothermal amplification (LAMP) detection method for genetically modified maize MON88017. European Food Research and Technology, 2016, 242, 1787-1793.	3.3	8
21	Development of a Rapid Event-Specific Loop-Mediated Isothermal Amplification Detection Method for Genetically Modified Maize NK603. Food Analytical Methods, 2016, 9, 752-757.	2.6	3
22	Loop-Mediated Isothermal Amplification for the Event-Specific Detection of Wheat B73-6-1. Food Analytical Methods, 2014, 7, 500-505.	2.6	19