Xin He

List of Publications by Year in descending order

37 papers	807 citations	471061 17 h-index	525886 27 g-index
38 all docs	38 docs citations	38 times ranked	960 citing authors

#	Article	IF	Citations
1	Magnetic graphene dispersive solid phase extraction combining high performance liquid chromatography for determination of fluoroquinolones in foods. Food Chemistry, 2017, 221, 1226-1231.	4.2	87
2	Melatonin Ameliorates Busulfan-Induced Spermatogonial Stem Cell Oxidative Apoptosis in Mouse Testes. Antioxidants and Redox Signaling, 2018, 28, 385-400.	2.5	60
3	miR-204 Regulates the Proliferation of Dairy Goat Spermatogonial Stem Cells via Targeting to Sirt1. Rejuvenation Research, 2016, 19, 120-130.	0.9	43
4	Melatonin Relieves Busulfan-Induced Spermatogonial Stem Cell Apoptosis of Mouse Testis by Inhibiting Endoplasmic Reticulum Stress. Cellular Physiology and Biochemistry, 2017, 44, 2407-2421.	1.1	42
5	Detection of chloramphenicol in meat with a chemiluminescence resonance energy transfer platform based on molecularly imprinted graphene. Analytica Chimica Acta, 2019, 1063, 136-143.	2.6	39
6	Characterization of Immortalized Dairy Goat Male Germline Stem Cells (mGSCs). Journal of Cellular Biochemistry, 2014, 115, 1549-1560.	1.2	34
7	Lin28a promotes self-renewal and proliferation of dairy goat spermatogonial stem cells (SSCs) through regulation of mTOR and PI3K/AKT. Scientific Reports, 2016, 6, 38805.	1.6	32
8	Preparation of a chemiluminescence sensor for multi-detection of benzimidazoles in meat based on molecularly imprinted polymer. Food Chemistry, 2019, 280, 103-109.	4.2	31
9	miRâ€544 Regulates Dairy Goat Male Germline Stem Cell Selfâ€Renewal via Targeting PLZF. Journal of Cellular Biochemistry, 2015, 116, 2155-2165.	1.2	29
10	Reversine promotes porcine muscle derived stem cells (PMDSCs) differentiation into female germâ€like cells. Journal of Cellular Biochemistry, 2012, 113, 3629-3642.	1.2	28
11	Ras/ERK1/2 pathway regulates the self-renewal of dairy goat spermatogonia stem cells. Reproduction, 2015, 149, 445-452.	1.1	26
12	Virtual mutation and directional evolution of anti-amoxicillin ScFv antibody for immunoassay of penicillins in milk. Analytical Biochemistry, 2017, 517, 9-17.	1.1	22
13	H19 regulates the proliferation of bovine male germline stem cells via IGF-1 signaling pathway. Journal of Cellular Physiology, 2019, 234, 915-926.	2.0	22
14	Untargeted and targeted metabolomics profiling reveals the underlying pathogenesis and abnormal arachidonic acid metabolism in laying hens with fatty liver hemorrhagic syndrome. Poultry Science, 2021, 100, 101320.	1.5	22
15	Production and Directional Evolution of Antisarafloxacin ScFv Antibody for Immunoassay of Fluoroquinolones in Milk. Journal of Agricultural and Food Chemistry, 2016, 64, 7957-7965.	2.4	21
16	Modulating the solubility and pharmacokinetic properties of 5-fluorouracil via cocrystallization. CrystEngComm, 2020, 22, 3670-3682.	1.3	21
17	Melatonin treatment improves human umbilical cord mesenchymal stem cell therapy in a mouse model of type II diabetes mellitus via the PI3K/AKT signaling pathway. Stem Cell Research and Therapy, 2022, 13, 164.	2.4	19
18	miRâ€375 controls porcine pancreatic stem cell fate by targeting 3â€phosphoinositideâ€“dependent protein kinaseâ€1 (Pdk1). Cell Proliferation, 2016, 49, 395-406.	2.4	17

#	Article	IF	Citations
19	Molecularly imprinted microspheres based multiplexed fluorescence method for simultaneous detection of benzimidazoles and pyrethroids in meat samples. Food Chemistry, 2020, 319, 126539.	4.2	16
20	The aldehyde group of gossypol induces mitochondrial apoptosis via ROS-SIRT1-p53-PUMA pathway in male germline stem cell. Oncotarget, 2017, 8, 100128-100140.	0.8	16
21	Canonical Wnt signaling pathway contributes to the proliferation and survival in porcine pancreatic stem cells (PSCs). Cell and Tissue Research, 2015, 362, 379-388.	1.5	15
22	Drugâ€“Drug Cocrystallization Simultaneously Improves Pharmaceutical Properties of Genistein and Ligustrazine. Crystal Growth and Design, 2021, 21, 3461-3468.	1.4	15
23	Serine/threonine protein phosphatase 1 (PP1) controls growth and reproduction inSchistosoma japonicum. FASEB Journal, 2018, 32, 6626-6642.	0.2	14
24	Simultaneous taste-masking and oral bioavailability enhancement of Ligustrazine by forming sweet salts. International Journal of Pharmaceutics, 2020, 577, 119089.	2.6	14
25	<i>LIN28A</i> inhibits <i>DUSP</i> family phosphatases and activates MAPK signaling pathway to maintain pluripotency in porcine induced pluripotent stem cells. Zoological Research, 2021, 42, 377-388.	0.9	14
26	EIF2S3Y suppresses the pluripotency state and promotes the proliferation of mouse embryonic stem cells. Oncotarget, 2016, 7, 11321-11331.	0.8	14
27	Reducing the Sublimation Tendency of Ligustrazine through Salt Formation. Crystal Growth and Design, 2020, 20, 2057-2063.	1.4	13
28	Simultaneous improvement of physical stability, dissolution, bioavailability, and antithrombus efficacy of Aspirin and Ligustrazine through cocrystallization. International Journal of Pharmaceutics, 2022, 616, 121541.	2.6	12
29	Autophagy stimulated proliferation of porcine PSCs might be regulated by the canonical Wnt signaling pathway. Biochemical and Biophysical Research Communications, 2016, 479, 537-543.	1.0	11
30	The oncogene Etv5 promotes MET in somatic reprogramming and orchestrates epiblast/primitive endoderm specification during mESCs differentiation. Cell Death and Disease, 2018, 9, 224.	2.7	11
31	Magnetic graphene dispersive solid phase extraction-ultra performance liquid chromatography tandem mass spectrometry for determination of Î²-agonists in urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1067, 18-24.	1.2	10
32	The RIO protein kinase-encoding gene Sj-riok-2 is involved in key reproductive processes in Schistosoma japonicum. Parasites and Vectors, 2017, 10, 604.	1.0	9
33	Improving the Solubility, Dissolution, and Bioavailability of Metronidazole via Cocrystallization with Ethyl Gallate. Pharmaceutics, 2021, 13, 546.	2.0	9
34	SerpinB1 promotes the proliferation of porcine pancreatic stem cells through the STAT3 signaling pathway. Journal of Steroid Biochemistry and Molecular Biology, 2020, 198, 105537.	1.2	7
35	Eif2s3y Promotes the Proliferation of Spermatogonial Stem Cells by Activating ERK Signaling. Stem Cells International, 2021, 2021, 1-18.	1.2	4
36	First Evidence of Function for Schistosoma japonicumriok-1 and RIOK-1. Pathogens, 2021, 10, 862.	1.2	3

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37	Etv5 safeguards trophoblast stem cells differentiation from mouse EPSCs by regulating fibroblast growth factor receptor 2. Molecular Biology Reports, 2020, 47, 9259-9269.	1.0	2