

# Xin He

## List of Publications by Year in descending order

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37  
papers

807  
citations

471061

17  
h-index

525886

27  
g-index

38  
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38  
docs citations

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times ranked

960  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous improvement of physical stability, dissolution, bioavailability, and antithrombus efficacy of Aspirin and Ligustrazine through cocrystallization. <i>International Journal of Pharmaceutics</i> , 2022, 616, 121541.	2.6	12
2	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. <i>Stem Cell Research and Therapy</i> , 2022, 13, 164.	2.4	19
3	&lt;i>LIN28A&lt;/i> inhibits &lt;i>DUSP&lt;/i> family phosphatases and activates MAPK signaling pathway to maintain pluripotency in porcine induced pluripotent stem cells. <i>Zoological Research</i> , 2021, 42, 377-388.	0.9	14
4	Improving the Solubility, Dissolution, and Bioavailability of Metronidazole via Cocrystallization with Ethyl Gallate. <i>Pharmaceutics</i> , 2021, 13, 546.	2.0	9
5	Drug&ldquoDrug Cocrystallization Simultaneously Improves Pharmaceutical Properties of Genistein and Ligustrazine. <i>Crystal Growth and Design</i> , 2021, 21, 3461-3468.	1.4	15
6	First Evidence of Function for Schistosoma japonicum riok-1 and RlOK-1. <i>Pathogens</i> , 2021, 10, 862.	1.2	3
7	Untargeted and targeted metabolomics profiling reveals the underlying pathogenesis and abnormal arachidonic acid metabolism in laying hens with fatty liver hemorrhagic syndrome. <i>Poultry Science</i> , 2021, 100, 101320.	1.5	22
8	Eif2s3y Promotes the Proliferation of Spermatogonial Stem Cells by Activating ERK Signaling. <i>Stem Cells International</i> , 2021, 2021, 1-18.	1.2	4
9	SerpinB1 promotes the proliferation of porcine pancreatic stem cells through the STAT3 signaling pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 198, 105537.	1.2	7
10	Etv5 safeguards trophoblast stem cells differentiation from mouse EPSCs by regulating fibroblast growth factor receptor 2. <i>Molecular Biology Reports</i> , 2020, 47, 9259-9269.	1.0	2
11	Molecularly imprinted microspheres based multiplexed fluorescence method for simultaneous detection of benzimidazoles and pyrethroids in meat samples. <i>Food Chemistry</i> , 2020, 319, 126539.	4.2	16
12	Reducing the Sublimation Tendency of Ligustrazine through Salt Formation. <i>Crystal Growth and Design</i> , 2020, 20, 2057-2063.	1.4	13
13	Simultaneous taste-masking and oral bioavailability enhancement of Ligustrazine by forming sweet salts. <i>International Journal of Pharmaceutics</i> , 2020, 577, 119089.	2.6	14
14	Modulating the solubility and pharmacokinetic properties of 5-fluorouracil <i>via</i> cocrystallization. <i>CrystEngComm</i> , 2020, 22, 3670-3682.	1.3	21
15	H19 regulates the proliferation of bovine male germline stem cells via IGF-1 signaling pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 915-926.	2.0	22
16	Detection of chloramphenicol in meat with a chemiluminescence resonance energy transfer platform based on molecularly imprinted graphene. <i>Analytica Chimica Acta</i> , 2019, 1063, 136-143.	2.6	39
17	Preparation of a chemiluminescence sensor for multi-detection of benzimidazoles in meat based on molecularly imprinted polymer. <i>Food Chemistry</i> , 2019, 280, 103-109.	4.2	31
18	The oncogene Etv5 promotes MET in somatic reprogramming and orchestrates epiblast/primitive endoderm specification during mESCs differentiation. <i>Cell Death and Disease</i> , 2018, 9, 224.	2.7	11

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19	Melatonin Ameliorates Busulfan-Induced Spermatogonial Stem Cell Oxidative Apoptosis in Mouse Testes. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 385-400.	2.5	60
20	Serine/threonine protein phosphatase 1 (PP1) controls growth and reproduction in <i>Schistosoma japonicum</i> . <i>FASEB Journal</i> , 2018, 32, 6626-6642.	0.2	14
21	Magnetic graphene dispersive solid phase extraction-ultra performance liquid chromatography tandem mass spectrometry for determination of $\beta$ -agonists in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1067, 18-24.	1.2	10
22	Virtual mutation and directional evolution of anti-amoxicillin ScFv antibody for immunoassay of penicillins in milk. <i>Analytical Biochemistry</i> , 2017, 517, 9-17.	1.1	22
23	Magnetic graphene dispersive solid phase extraction combining high performance liquid chromatography for determination of fluoroquinolones in foods. <i>Food Chemistry</i> , 2017, 221, 1226-1231.	4.2	87
24	Melatonin Relieves Busulfan-Induced Spermatogonial Stem Cell Apoptosis of Mouse Testis by Inhibiting Endoplasmic Reticulum Stress. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 2407-2421.	1.1	42
25	The RIO protein kinase-encoding gene <i>Sj-riok-2</i> is involved in key reproductive processes in <i>Schistosoma japonicum</i> . <i>Parasites and Vectors</i> , 2017, 10, 604.	1.0	9
26	The aldehyde group of gossypol induces mitochondrial apoptosis via ROS-SIRT1-p53-PUMA pathway in male germline stem cell. <i>Oncotarget</i> , 2017, 8, 100128-100140.	0.8	16
27	miR-375 controls porcine pancreatic stem cell fate by targeting phosphoinositide-dependent protein kinase-1 (Pdk1). <i>Cell Proliferation</i> , 2016, 49, 395-406.	2.4	17
28	Lin28a promotes self-renewal and proliferation of dairy goat spermatogonial stem cells (SSCs) through regulation of mTOR and PI3K/AKT. <i>Scientific Reports</i> , 2016, 6, 38805.	1.6	32
29	Autophagy stimulated proliferation of porcine PSCs might be regulated by the canonical Wnt signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 537-543.	1.0	11
30	Production and Directional Evolution of Antisarafloxacin ScFv Antibody for Immunoassay of Fluoroquinolones in Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7957-7965.	2.4	21
31	miR-204 Regulates the Proliferation of Dairy Goat Spermatogonial Stem Cells via Targeting to Sirt1. <i>Rejuvenation Research</i> , 2016, 19, 120-130.	0.9	43
32	EIF2S3Y suppresses the pluripotency state and promotes the proliferation of mouse embryonic stem cells. <i>Oncotarget</i> , 2016, 7, 11321-11331.	0.8	14
33	miR-544 Regulates Dairy Goat Male Germline Stem Cell Self-Renewal via Targeting PLZF. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2155-2165.	1.2	29
34	Canonical Wnt signaling pathway contributes to the proliferation and survival in porcine pancreatic stem cells (PSCs). <i>Cell and Tissue Research</i> , 2015, 362, 379-388.	1.5	15
35	Ras/ERK1/2 pathway regulates the self-renewal of dairy goat spermatogonia stem cells. <i>Reproduction</i> , 2015, 149, 445-452.	1.1	26
36	Characterization of Immortalized Dairy Goat Male Germline Stem Cells (mGSCs). <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1549-1560.	1.2	34

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37	Reversine promotes porcine muscle derived stem cells (PMSCs) differentiation into female germ-like cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3629-3642.	1.2	28