Baoshan Xu

List of Publications by Year
in descending order

31 papers	1,705 citations	411340 20 h-index	488211 31 g-index
31 all docs	31 docs citations	31 times ranked	2804 citing authors

#	Article	IF	Citations
1	Combined inhibition of RNA polymerase I and mTORC1/2 synergize to combat oral squamous cell carcinoma. Biomedicine and Pharmacotherapy, 2021, 133, 110906.	2.5	10
2	Defects of cohesin loader lead to bone dysplasia associated with transcriptional disturbance. Journal of Cellular Physiology, 2021, 236, 8208-8225.	2.0	4
3	Cadmium exposure induces osteoporosis through cellular senescence, associated with activation of NF-Î²B pathway and mitochondrial dysfunction. Environmental Pollution, 2021, 290, 118043.	3.7	54
4	PCR amplicons identify widespread copy number variation in human centromeric arrays and instability in cancer. Cell Genomics, 2021, 1, 100064.	3.0	14
5	Ribosomal DNA copy number loss and sequence variation in cancer. PLoS Genetics, 2017, 13, e1006771.	1.5	111
6	Improved transcription and translation with L-leucine stimulation of mTORC1 in Roberts syndrome. BMC Genomics, 2016, 17, 25.	1.2	34
7	NIPBL Controls RNA Biogenesis to Prevent Activation of the Stress Kinase PKR. Cell Reports, 2016, 14, 93-102.	2.9	28
8	l-leucine partially rescues translational and developmental defects associated with zebrafish models of Cornelia de Lange syndrome. Human Molecular Genetics, 2015, 24, 1540-1555.	1.4	34
9	Both mTORC1 and mTORC2 are involved in the regulation of cell adhesion. Oncotarget, 2015, 6, 7136-7150.	0.8	33
10	Roberts syndrome. Rare Diseases (Austin, Tex), 2014, 2, e27743.	1.8	34
11	Dihydroartemisinin inhibits the mammalian target of rapamycin-mediated signaling pathways in tumor cells. Carcinogenesis, 2014, 35, 192-200.	1.3	49
12	Stimulation of mTORC1 with L-leucine Rescues Defects Associated with Roberts Syndrome. PLoS Genetics, 2013, 9, e1003857.	1.5	63
13	Cohesin Proteins Promote Ribosomal RNA Production and Protein Translation in Yeast and Human Cells. PLoS Genetics, 2012, 8, e1002749.	1.5	79
14	Curcumin inhibits protein phosphatases 2A and 5, leading to activation of mitogen-activated protein kinases and death in tumor cells. Carcinogenesis, 2012, 33, 868-875.	1.3	68
15	Î±-Synuclein disrupts stress signaling by inhibiting polo-like kinase Cdc5/Plk2. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16119-16124.	3.3	37
16	Triclabendazole protects yeast and mammalian cells from oxidative stress: Identification of a potential neuroprotective compound. Biochemical and Biophysical Research Communications, 2011, 414, 205-208.	1.0	4
17	CaMKII is involved in cadmium activation of MAPK and mTOR pathways leading to neuronal cell death. Journal of Neurochemistry, 2011, 119, 1108-1118.	2.1	85
18	Cadmium induction of reactive oxygen species activates the mTOR pathway, leading to neuronal cell death. Free Radical Biology and Medicine, 2011, 50, 624-632.	1.3	214

#	Article	IF	Citations
19	Calcium Signaling Is Involved in Cadmium-Induced Neuronal Apoptosis via Induction of Reactive Oxygen Species and Activation of MAPK/mTOR Network. PLoS ONE, 2011, 6, e19052.	1.1	158
20	The antitumor activity of the fungicide ciclopirox. International Journal of Cancer, 2010, 127, 2467-2477.	2.3	88
21	Hydrogen peroxide inhibits mTOR signaling by activation of AMPKÎ± leading to apoptosis of neuronal cells. Laboratory Investigation, 2010, 90, 762-773.	1.7	207
22	Rapamycin Inhibits IGF-1 Stimulated Cell Motility through PP2A Pathway. PLoS ONE, 2010, 5, e10578.	1.1	36
23	Rapamycin Inhibits Cytoskeleton Reorganization and Cell Motility by Suppressing RhoA Expression and Activity. Journal of Biological Chemistry, 2010, 285, 38362-38373.	1.6	120
24	Reducing CYP51 inhibits follicle-stimulating hormone induced resumption of mouse oocyte meiosis in vitro. Journal of Lipid Research, 2009, 50, 2164-2172.	2.0	20
25	Lanosterol metabolic product(s) is involved in primordial folliculogenesis and establishment of primordial folliclepool in mouse fetal ovary. Molecular Reproduction and Development, 2009, 76, 514-521.	1.0	20
26	Stage-specific Expression of Lanosterol 14ïµ-Demethylase in Mouse Oocytes in Relation to Fertilization and Embryo Development Competence. Asian-Australasian Journal of Animal Sciences, 2009, 22, 319-327.	2.4	2
27	Epidermal growth factor receptor activation by protein kinase C is necessary for FSH-induced meiotic resumption in porcine cumulusâ€“oocyte complexes. Journal of Endocrinology, 2008, 197, 409-419.	1.2	63
28	Expression and regulation of lanosterol 14Î±-demethylase in mouse embryo and uterus during the peri-implantation period. Reproduction, Fertility and Development, 2008, 20, 964.	0.1	8
29	Silencing of Mouse Hepatic Lanosterol 14-.ALPHA. Demethylase Down-Regulated Plasma Low-Density Lipoprotein Cholesterol Levels by Short-Term Treatment of siRNA. Biological and Pharmaceutical Bulletin, 2008, 31, 1182-1191.	0.6	9
30	An Antisense Oligodeoxynucleotide to the LH Receptor Attenuates FSH-induced Oocyte Maturation in Mice. Asian-Australasian Journal of Animal Sciences, 2008, 21, 972-979.	2.4	8
31	Lanosterol 14Î±-demethylase expression in the mouse ovary and its participation in cumulus-enclosed oocyte spontaneous meiotic maturation in vitro. Theriogenology, 2006, 66, 1156-1164.	0.9	11