

# Baoshan Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,705  
citations

361296

20  
h-index

434063

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cadmium induction of reactive oxygen species activates the mTOR pathway, leading to neuronal cell death. <i>Free Radical Biology and Medicine</i> , 2011, 50, 624-632.	1.3	214
2	Hydrogen peroxide inhibits mTOR signaling by activation of AMPK $\alpha$ leading to apoptosis of neuronal cells. <i>Laboratory Investigation</i> , 2010, 90, 762-773.	1.7	207
3	Calcium Signaling Is Involved in Cadmium-Induced Neuronal Apoptosis via Induction of Reactive Oxygen Species and Activation of MAPK/mTOR Network. <i>PLoS ONE</i> , 2011, 6, e19052.	1.1	158
4	Rapamycin Inhibits Cytoskeleton Reorganization and Cell Motility by Suppressing RhoA Expression and Activity. <i>Journal of Biological Chemistry</i> , 2010, 285, 38362-38373.	1.6	120
5	Ribosomal DNA copy number loss and sequence variation in cancer. <i>PLoS Genetics</i> , 2017, 13, e1006771.	1.5	111
6	The antitumor activity of the fungicide ciclopirox. <i>International Journal of Cancer</i> , 2010, 127, 2467-2477.	2.3	88
7	CaMKII is involved in cadmium activation of MAPK and mTOR pathways leading to neuronal cell death. <i>Journal of Neurochemistry</i> , 2011, 119, 1108-1118.	2.1	85
8	Cohesin Proteins Promote Ribosomal RNA Production and Protein Translation in Yeast and Human Cells. <i>PLoS Genetics</i> , 2012, 8, e1002749.	1.5	79
9	Curcumin inhibits protein phosphatases 2A and 5, leading to activation of mitogen-activated protein kinases and death in tumor cells. <i>Carcinogenesis</i> , 2012, 33, 868-875.	1.3	68
10	Epidermal growth factor receptor activation by protein kinase C is necessary for FSH-induced meiotic resumption in porcine cumulus $\alpha$ oocyte complexes. <i>Journal of Endocrinology</i> , 2008, 197, 409-419.	1.2	63
11	Stimulation of mTORC1 with L-leucine Rescues Defects Associated with Roberts Syndrome. <i>PLoS Genetics</i> , 2013, 9, e1003857.	1.5	63
12	Cadmium exposure induces osteoporosis through cellular senescence, associated with activation of NF- $\kappa$ B pathway and mitochondrial dysfunction. <i>Environmental Pollution</i> , 2021, 290, 118043.	3.7	54
13	Dihydroartemisinin inhibits the mammalian target of rapamycin-mediated signaling pathways in tumor cells. <i>Carcinogenesis</i> , 2014, 35, 192-200.	1.3	49
14	$\alpha$ -Synuclein disrupts stress signaling by inhibiting polo-like kinase Cdc5/Plk2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16119-16124.	3.3	37
15	Rapamycin Inhibits IGF-1 Stimulated Cell Motility through PP2A Pathway. <i>PLoS ONE</i> , 2010, 5, e10578.	1.1	36
16	Roberts syndrome. <i>Rare Diseases (Austin, Tex)</i> , 2014, 2, e27743.	1.8	34
17	L-leucine partially rescues translational and developmental defects associated with zebrafish models of Cornelia de Lange syndrome. <i>Human Molecular Genetics</i> , 2015, 24, 1540-1555.	1.4	34
18	Improved transcription and translation with L-leucine stimulation of mTORC1 in Roberts syndrome. <i>BMC Genomics</i> , 2016, 17, 25.	1.2	34

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19	Both mTORC1 and mTORC2 are involved in the regulation of cell adhesion. <i>Oncotarget</i> , 2015, 6, 7136-7150.	0.8	33
20	NIPBL Controls RNA Biogenesis to Prevent Activation of the Stress Kinase PKR. <i>Cell Reports</i> , 2016, 14, 93-102.	2.9	28
21	Reducing CYP51 inhibits follicle-stimulating hormone induced resumption of mouse oocyte meiosis in vitro. <i>Journal of Lipid Research</i> , 2009, 50, 2164-2172.	2.0	20
22	Lanosterol metabolic product(s) is involved in primordial folliculogenesis and establishment of primordial folliclepool in mouse fetal ovary. <i>Molecular Reproduction and Development</i> , 2009, 76, 514-521.	1.0	20
23	PCR amplicons identify widespread copy number variation in human centromeric arrays and instability in cancer. <i>Cell Genomics</i> , 2021, 1, 100064.	3.0	14
24	Lanosterol 14 $\alpha$ -demethylase expression in the mouse ovary and its participation in cumulus-enclosed oocyte spontaneous meiotic maturation in vitro. <i>Theriogenology</i> , 2006, 66, 1156-1164.	0.9	11
25	Combined inhibition of RNA polymerase I and mTORC1/2 synergize to combat oral squamous cell carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110906.	2.5	10
26	Silencing of Mouse Hepatic Lanosterol 14 $\alpha$ -ALPHA. Demethylase Down-Regulated Plasma Low-Density Lipoprotein Cholesterol Levels by Short-Term Treatment of siRNA. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1182-1191.	0.6	9
27	Expression and regulation of lanosterol 14 $\alpha$ -demethylase in mouse embryo and uterus during the peri-implantation period. <i>Reproduction, Fertility and Development</i> , 2008, 20, 964.	0.1	8
28	An Antisense Oligodeoxynucleotide to the LH Receptor Attenuates FSH-induced Oocyte Maturation in Mice. <i>Asian-Australasian Journal of Animal Sciences</i> , 2008, 21, 972-979.	2.4	8
29	Triclabendazole protects yeast and mammalian cells from oxidative stress: Identification of a potential neuroprotective compound. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 205-208.	1.0	4
30	Defects of cohesin loader lead to bone dysplasia associated with transcriptional disturbance. <i>Journal of Cellular Physiology</i> , 2021, 236, 8208-8225.	2.0	4
31	Stage-specific Expression of Lanosterol 14 $\alpha$ -Demethylase in Mouse Oocytes in Relation to Fertilization and Embryo Development Competence. <i>Asian-Australasian Journal of Animal Sciences</i> , 2009, 22, 319-327.	2.4	2