

Zhenguo Chen

List of Publications by Year in descending order

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26
papers

702
citations

687363

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1319
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#	ARTICLE	IF	CITATIONS
1	miR-483-5p Promotes Invasion and Metastasis of Lung Adenocarcinoma by Targeting RhoGDI1 and ALCAM. <i>Cancer Research</i> , 2014, 74, 3031-3042.	0.9	145
2	Enteric dysbiosis-linked gut barrier disruption triggers early renal injury induced by chronic high salt feeding in mice. <i>Experimental and Molecular Medicine</i> , 2017, 49, e370-e370.	7.7	77
3	UBAP2L arginine methylation by PRMT1 modulates stress granule assembly. <i>Cell Death and Differentiation</i> , 2020, 27, 227-241.	11.2	59
4	Rictor/mTORC2 Pathway in Oocytes Regulates Folliculogenesis, and Its Inactivation Causes Premature Ovarian Failure. <i>Journal of Biological Chemistry</i> , 2015, 290, 6387-6396.	3.4	58
5	Bone and plasma citrate is reduced in osteoporosis. <i>Bone</i> , 2018, 114, 189-197.	2.9	41
6	Rictor Regulates Spermatogenesis by Controlling Sertoli Cell Cytoskeletal Organization and Cell Polarity in the Mouse Testis. <i>Endocrinology</i> , 2015, 156, 4244-4256.	2.8	38
7	mTORC2 promotes cell survival through c-Myc-dependent up-regulation of E2F1. <i>Journal of Cell Biology</i> , 2015, 211, 105-122.	5.2	33
8	Raptor directs Sertoli cell cytoskeletal organization and polarity in the mouse testis. <i>Biology of Reproduction</i> , 2018, 99, 1289-1302.	2.7	31
9	Activation of mTORC1 in Collecting Ducts Causes Hyperkalemia. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 534-545.	6.1	27
10	Alleviation of endoplasmic reticulum stress protects against cisplatin-induced ovarian damage. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 85.	3.3	26
11	Activation of mTORC1 in fibroblasts accelerates wound healing and induces fibrosis in mice. <i>Wound Repair and Regeneration</i> , 2020, 28, 6-15.	3.0	26
12	mTORC1 Activation Promotes Spermatogonial Differentiation and Causes Subfertility in Mice. <i>Biology of Reproduction</i> , 2016, 95, 97-97.	2.7	22
13	Integrative analyses of biomarkers and pathways for adipose tissue after bariatric surgery. <i>Adipocyte</i> , 2020, 9, 384-400.	2.8	19
14	Loss of DEPTOR in renal tubules protects against cisplatin-induced acute kidney injury. <i>Cell Death and Disease</i> , 2018, 9, 441.	6.3	13
15	Inactivation of mTORC1 Signaling in Osterix-Expressing Cells Impairs B-cell Differentiation. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 732-742.	2.8	13
16	ETS2 promotes epithelial-to-mesenchymal transition in renal fibrosis by targeting JUNB transcription. <i>Laboratory Investigation</i> , 2020, 100, 438-453.	3.7	12
17	n-3 polyunsaturated fatty acids abrogate mTORC1/2 signaling and inhibit adrenocortical carcinoma growth in vitro and in vivo. <i>Oncology Reports</i> , 2016, 35, 3514-3522.	2.6	11
18	Loss of Fbxw7 in Sertoli cells impairs testis development and causes infertility in mice. <i>Biology of Reproduction</i> , 2020, 102, 963-974.	2.7	11

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19	Adenylate kinase 1 deficiency disrupts mouse sperm motility under conditions of energy stress. <i>Biology of Reproduction</i> , 2020, 103, 1121-1131.	2.7	11
20	Peripheral Nerve Conduction And Sympathetic Skin Response Are Reliable Methods to Detect Diabetic Cardiac Autonomic Neuropathy. <i>Frontiers in Endocrinology</i> , 2021, 12, 709114.	3.5	9
21	Insulin resistance is independently associated with cardiovascular autonomic neuropathy in type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2021, 12, 1651-1662.	2.4	7
22	TSC1 deletion in fibroblasts alleviates lipopolysaccharide-induced acute kidney injury. <i>Clinical Science</i> , 2018, 132, 2087-2101.	4.3	4
23	Interleukin 9 prevents immune thrombocytopenia in mice via JAK/STAT5 signaling. <i>Experimental Cell Research</i> , 2020, 388, 111801.	2.6	4
24	The I510V mutation in <i>KLHL10</i> in a patient with oligoasthenoteratozoospermia. <i>Journal of Reproduction and Development</i> , 2021, 67, 313-318.	1.4	3
25	Analysis of the mTOR Interactome using SILAC technology revealed NICE-4 as a novel regulator of mTORC1 activity. <i>Life Sciences</i> , 2021, 281, 119745.	4.3	1
26	Loss of <i>Raptor</i> induces Sertoli cells into an undifferentiated state in mice. <i>Biology of Reproduction</i> , 2022, 107, 1125-1138.	2.7	1