

Xuesen Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,148
citations

471371

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25
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docs citations

26
times ranked

1458
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptidylarginine deiminase 2-catalyzed histone H3 arginine 26 citrullination facilitates estrogen receptor β target gene activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13331-13336.	3.3	173
2	Dysregulation of PAD4-mediated citrullination of nuclear GSK3 β activates TGF- β signaling and induces epithelial-to-mesenchymal transition in breast cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11851-11856.	3.3	109
3	Genome-Wide Analysis Reveals PADI4 Cooperates with Elk-1 to Activate c-Fos Expression in Breast Cancer Cells. <i>PLoS Genetics</i> , 2011, 7, e1002112.	1.5	107
4	Synthesis and Screening of a Haloacetamide Containing Library To Identify PAD4 Selective Inhibitors. <i>ACS Chemical Biology</i> , 2012, 7, 160-165.	1.6	94
5	Potential Role for PAD2 in Gene Regulation in Breast Cancer Cells. <i>PLoS ONE</i> , 2012, 7, e41242.	1.1	82
6	Inhibiting PAD2 enhances the anti-tumor effect of docetaxel in tamoxifen-resistant breast cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 414.	3.5	67
7	PAD1 promotes epithelial-mesenchymal transition and metastasis in triple-negative breast cancer cells by regulating MEK1-ERK1/2-MMP2 signaling. <i>Cancer Letters</i> , 2017, 409, 30-41.	3.2	65
8	Perfluorooctanoic acid stimulates ovarian cancer cell migration, invasion via ERK/NF- κ B/MMP-2/-9 pathway. <i>Toxicology Letters</i> , 2018, 294, 44-50.	0.4	62
9	α -Amino Acid-Based Protein Arginine Deiminase Inhibitors: Synthesis, Pharmacokinetics, and in Cellulo Efficacy. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 1081-1085.	1.3	43
10	Targeted H3R26 Deimination Specifically Facilitates Estrogen Receptor Binding by Modifying Nucleosome Structure. <i>PLoS Genetics</i> , 2014, 10, e1004613.	1.5	43
11	The role of MATER in endoplasmic reticulum distribution and calcium homeostasis in mouse oocytes. <i>Developmental Biology</i> , 2014, 386, 331-339.	0.9	42
12	Peptidylarginine deiminase 1-catalyzed histone citrullination is essential for early embryo development. <i>Scientific Reports</i> , 2016, 6, 38727.	1.6	40
13	PADI2-catalyzed MEK1 Citrullination Activates ERK1/2 and Promotes IGF2BP1-mediated SOX2 mRNA Stability in Endometrial Cancer. <i>Advanced Science</i> , 2021, 8, 2002831.	5.6	37
14	Differing roles of pyruvate dehydrogenase kinases during mouse oocyte maturation. <i>Journal of Cell Science</i> , 2015, 128, 2319-2329.	1.2	31
15	Role for PADI6 in securing the mRNA-MSY2 complex to the oocyte cytoplasmic lattices. <i>Cell Cycle</i> , 2017, 16, 360-366.	1.3	28
16	Perfluorooctanoic acid induces human Ishikawa endometrial cancer cell migration and invasion through activation of ERK/mTOR signaling. <i>Oncotarget</i> , 2016, 7, 66558-66568.	0.8	23
17	Decreased microRNA-125b-5p disrupts follicle steroidogenesis through targeting PAK3/ERK1/2 signalling in mouse preantral follicles. <i>Metabolism: Clinical and Experimental</i> , 2020, 107, 154241.	1.5	20
18	Long non-coding RNA Xist regulates oocyte loss via suppressing miR-23b-3p/miR-29a-3p maturation and upregulating STX17 in perinatal mouse ovaries. <i>Cell Death and Disease</i> , 2021, 12, 540.	2.7	17

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19	Halogen Bonding Increases the Potency and Isozyme Selectivity of Protein Arginine Deiminase 1 Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12476-12480.	7.2	16
20	Wilms's tumor 1 (<i>WT1</i>) promotes ovarian cancer progression by regulating E-cadherin and ERK1/2 signaling. <i>Cell Cycle</i> , 2020, 19, 2662-2675.	1.3	15
21	microRNA 92b-3p regulates primordial follicle assembly by targeting TSC1 in neonatal mouse ovaries. <i>Cell Cycle</i> , 2019, 18, 824-833.	1.3	12
22	Peptidylarginine deiminase 4 overexpression resensitizes MCF-7/ADR breast cancer cells to adriamycin via GSK3 β /p53 activation. <i>Cancer Management and Research</i> , 2019, Volume 11, 625-636.	0.9	11
23	Intestinal Flora Changes Induced by a High-Fat Diet Promote Activation of Primordial Follicles through Macrophage Infiltration and Inflammatory Factor Secretion in Mouse Ovaries. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4797.	1.8	5
24	Molecular Characteristics of Novel Phage vB_ShiP-A7 Infecting Multidrug-Resistant <i>Shigella flexneri</i> and <i>Escherichia coli</i> , and Its Bactericidal Effect in vitro and in vivo. <i>Frontiers in Microbiology</i> , 2021, 12, 698962.	1.5	4
25	Halogen Bonding Increases the Potency and Isozyme Selectivity of Protein Arginine Deiminase 1 Inhibitors. <i>Angewandte Chemie</i> , 2019, 131, 12606-12610.	1.6	2