

Xing Du

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2813280/publications.pdf>

Version: 2024-02-01

33
papers

830
citations

516710

16
h-index

501196

28
g-index

34
all docs

34
docs citations

34
times ranked

643
citing authors

#	ARTICLE	IF	CITATIONS
1	TGF- β 2 signaling controls FSHR signaling-reduced ovarian granulosa cell apoptosis through the SMAD4/miR-143 axis. <i>Cell Death and Disease</i> , 2016, 7, e2476-e2476.	6.3	115
2	MicroRNA-26b Functions as a Proapoptotic Factor in Porcine Follicular Granulosa Cells by Targeting Sma-and Mad-Related Protein 41. <i>Biology of Reproduction</i> , 2014, 91, 146.	2.7	85
3	MiR-92a inhibits porcine ovarian granulosa cell apoptosis by targeting Smad7 gene. <i>FEBS Letters</i> , 2014, 588, 4497-4503.	2.8	62
4	The let-7g microRNA promotes follicular granulosa cell apoptosis by targeting transforming growth factor- β 2 type 1 receptor. <i>Molecular and Cellular Endocrinology</i> , 2015, 409, 103-112.	3.2	56
5	SMAD4 feedback regulates the canonical TGF- β 2 signaling pathway to control granulosa cell apoptosis. <i>Cell Death and Disease</i> , 2018, 9, 151.	6.3	55
6	SMAD4 activates Wnt signaling pathway to inhibit granulosa cell apoptosis. <i>Cell Death and Disease</i> , 2020, 11, 373.	6.3	42
7	miR-181b-induced SMAD7 downregulation controls granulosa cell apoptosis through TGF- β 2 signaling by interacting with the TGFBR1 promoter. <i>Journal of Cellular Physiology</i> , 2018, 233, 6807-6821.	4.1	38
8	CircINHA resists granulosa cell apoptosis by upregulating CTGF as a ceRNA of miR-10a-5p in pig ovarian follicles. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 194420.	1.9	35
9	The transcription factor SMAD4 and miR-10b contribute to E2 release and cell apoptosis in ovarian granulosa cells by targeting CYP19A1. <i>Molecular and Cellular Endocrinology</i> , 2018, 476, 84-95.	3.2	34
10	NORFA, long intergenic noncoding RNA, maintains sow fertility by inhibiting granulosa cell death. <i>Communications Biology</i> , 2020, 3, 131.	4.4	34
11	Androgen receptor and miRNA-126* axis controls follicle-stimulating hormone receptor expression in porcine ovarian granulosa cells. <i>Reproduction</i> , 2016, 152, 161-169.	2.6	23
12	A comprehensive transcriptomic view on the role of SMAD4 gene by RNAi-mediated knockdown in porcine follicular granulosa cells. <i>Reproduction</i> , 2016, 152, 81-89.	2.6	23
13	miR-1306 Mediates the Feedback Regulation of the TGF- β 2/SMAD Signaling Pathway in Granulosa Cells. <i>Cells</i> , 2019, 8, 298.	4.1	22
14	Smad4 Feedback Enhances BMPR1B Transcription in Ovine Granulosa Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2732.	4.1	18
15	Integrated Analysis of miRNA-mRNA Interaction Network in Porcine Granulosa Cells Undergoing Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	4.0	18
16	NORHA, a novel follicular atresia-related lncRNA, promotes porcine granulosa cell apoptosis via the miR-183-96-182 cluster and FoxO1 axis. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 103.	5.3	17
17	TGF- β 1 controls porcine granulosa cell states: A miRNA-mRNA network view. <i>Theriogenology</i> , 2021, 160, 50-60.	2.1	15
18	SMARCA2 is regulated by NORFA/miR-29c, a novel pathway related to female fertility, controls granulosa cell apoptosis. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	14

#	ARTICLE	IF	CITATIONS
19	TGF β ² /SMAD4 signaling pathway activates the HAS α HA system to regulate granulosa cell state. Journal of Cellular Physiology, 2020, 235, 2260-2272.	4.1	13
20	miR-130a/TGF β ² axis is involved in sow fertility by controlling granulosa cell apoptosis. Theriogenology, 2020, 157, 407-417.	2.1	13
21	SMAD4 Feedback Activates the Canonical TGF β ² Family Signaling Pathways. International Journal of Molecular Sciences, 2021, 22, 10024.	4.1	13
22	circSLC41A1 Resists Porcine Granulosa Cell Apoptosis and Follicular Atresia by Promoting SRSF1 through miR-9820-5p Sponging. International Journal of Molecular Sciences, 2022, 23, 1509.	4.1	13
23	Transcriptomic Data Analyses Reveal That Sow Fertility-Related lincRNA NORFA Is Essential for the Normal States and Functions of Granulosa Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 610553.	3.7	10
24	SMAD4-induced knockdown of the antisense long noncoding RNA BRE-AS contributes to granulosa cell apoptosis. Molecular Therapy - Nucleic Acids, 2021, 25, 251-263.	5.1	10
25	MiR-126* is a novel functional target of transcription factor SMAD4 in ovarian granulosa cells. Gene, 2019, 711, 143953.	2.2	8
26	Variants in BMP7 and BMP15 3 α ™-UTRs Associated with Reproductive Traits in a Large White Pig Population. Animals, 2019, 9, 905.	2.3	8
27	miR-2337 induces TGF β ² production in granulosa cells by acting as an endogenous small activating RNA. Cell Death Discovery, 2021, 7, 253.	4.7	8
28	A haplotype variant of Hu sheep <i>follicle-stimulating hormone receptor</i> promoter region decreases transcriptional activity. Animal Genetics, 2019, 50, 407-411.	1.7	7
29	A polymorphism in the transcriptional regulatory region strongly influences ovine FSHR mRNA decay. Reproduction in Domestic Animals, 2019, 54, 83-90.	1.4	6
30	A Mutation in Endogenous saRNA miR-23a Influences Granulosa Cells Response to Oxidative Stress. Antioxidants, 2022, 11, 1174.	5.1	5
31	BMP7 is a candidate gene for reproductive traits in Yorkshire sows. Animal Reproduction Science, 2020, 221, 106598.	1.5	4
32	SMAD4 Inhibits Granulosa Cell Apoptosis via the miR-183-96-182 Cluster and FoxO1 Axis. Reproductive Sciences, 2022, 29, 1577-1585.	2.5	4
33	TGFBR2 is a novel substrate and indirect transcription target of deubiquitylase USP9X in granulosa cells. Journal of Cellular Physiology, 2022, , .	4.1	2