

Krishna Chaitanya Pavani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/977740/publications.pdf>

Version: 2024-02-01

21
papers

333
citations

840776

11
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

403
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Isolation and Characterization of Functionally Active Extracellular Vesicles from Culture Medium Conditioned by Bovine Embryos In Vitro. International Journal of Molecular Sciences, 2019, 20, 38. | 4.1 | 44 |
| 2 | MicroRNA-325-3p Facilitates Immune Escape of Mycobacterium tuberculosis through Targeting LNX1 via NEK6 Accumulation to Promote Anti-Apoptotic STAT3 Signaling. MBio, 2020, 11, . | 4.1 | 32 |
| 3 | Bovine Embryo-Secreted microRNA-30c Is a Potential Non-invasive Biomarker for Hampered Preimplantation Developmental Competence. Frontiers in Genetics, 2019, 10, 315. | 2.3 | 29 |
| 4 | Extracellular Vesicles from Follicular and Ampullary Fluid Isolated by Density Gradient Ultracentrifugation Improve Bovine Embryo Development and Quality. International Journal of Molecular Sciences, 2021, 22, 578. | 4.1 | 26 |
| 5 | Emerging role of extracellular vesicles in communication of preimplantation embryos in vitro. Reproduction, Fertility and Development, 2017, 29, 66. | 0.4 | 25 |
| 6 | Hatching is modulated by microRNA-378a-3p derived from extracellular vesicles secreted by blastocysts. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2122708119. | 7.1 | 23 |
| 7 | MiR-342 controls Mycobacterium tuberculosis susceptibility by modulating inflammation and cell death. EMBO Reports, 2021, 22, e52252. | 4.5 | 22 |
| 8 | Gene expression, oocyte nuclear maturation and developmental competence of bovine oocytes and embryos produced after in vivo and in vitro heat shock. Zygote, 2016, 24, 748-759. | 1.1 | 20 |
| 9 | Reproductive Performance of Holstein Dairy Cows Grazing in Dry-summer Subtropical Climatic Conditions: Effect of Heat Stress and Heat Shock on Meiotic Competence and In vitro Fertilization. Asian-Australasian Journal of Animal Sciences, 2015, 28, 334-342. | 2.4 | 18 |
| 10 | Follicular fluid during individual oocyte maturation enhances cumulus expansion and improves embryo development and quality in a dose-specific manner. Theriogenology, 2021, 166, 38-45. | 2.1 | 15 |
| 11 | The Separation and Characterization of Extracellular Vesicles from Medium Conditioned by Bovine Embryos. International Journal of Molecular Sciences, 2020, 21, 2942. | 4.1 | 14 |
| 12 | Effect of lycopene supplementation to bovine oocytes exposed to heat shock during in vitro maturation. Theriogenology, 2021, 173, 48-55. | 2.1 | 13 |
| 13 | Bta-miR-10b Secreted by Bovine Embryos Negatively Impacts Preimplantation Embryo Quality. Frontiers in Genetics, 2019, 10, 757. | 2.3 | 9 |
| 14 | Novel ultrastructural findings in bovine oocytes matured in vitro. Theriogenology, 2020, 143, 88-97. | 2.1 | 8 |
| 15 | The effect of vitrification of immature bovine oocytes to the subsequent in vitro development and gene expression. Zygote, 2015, 23, 933-942. | 1.1 | 7 |
| 16 | Platelet-activating factor acetylhydrolase 1B3 (PAFAH1B3) is required for the formation of the meiotic spindle during in vitro oocyte maturation. Reproduction, Fertility and Development, 2018, 30, 1739. | 0.4 | 7 |
| 17 | Lycopene Supplementation to Serum-Free Maturation Medium Improves In Vitro Bovine Embryo Development and Quality and Modulates Embryonic Transcriptomic Profile. Antioxidants, 2022, 11, 344. | 5.1 | 7 |
| 18 | Optimisation of total RNA extraction from bovine oocytes and embryos for gene expression studies and effects of cryoprotectants on total RNA extraction. Cytology and Genetics, 2015, 49, 232-239. | 0.5 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The effect of kinetic heat shock on bovine oocyte maturation and subsequent gene expression of targeted genes. Zygote, 2017, 25, 383-389. | 1.1 | 6 |
| 20 | Short communication: Morphometric characterization of Lidia cow (Bos taurus) reproductive apparatus. Spanish Journal of Agricultural Research, 2018, 16, e04SC03. | 0.6 | 2 |
| 21 | Crossbreeding effect of double-muscled cattle on in vitro embryo development and quality. Reproductive Biology, 2020, 20, 288-292. | 1.9 | 0 |