

Bart Leemans

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5511913/publications.pdf>

Version: 2024-02-01

19
papers

330
citations

933264

10
h-index

839398

18
g-index

19
all docs

19
docs citations

19
times ranked

432
citing authors

#	ARTICLE	IF	CITATIONS
1	Why doesn't conventional IVF work in the horse? The equine oviduct as a microenvironment for capacitation/fertilization. <i>Reproduction</i> , 2016, 152, R233-R245.	1.1	60
2	Update on mammalian sperm capacitation: how much does the horse differ from other species?. <i>Reproduction</i> , 2019, 157, R181-R197.	1.1	45
3	Isolation and Characterization of Functionally Active Extracellular Vesicles from Culture Medium Conditioned by Bovine Embryos In Vitro. <i>International Journal of Molecular Sciences</i> , 2019, 20, 38.	1.8	44
4	Oviduct Binding and Elevated Environmental pH Induce Protein Tyrosine Phosphorylation in Stallion Spermatozoa. <i>Biology of Reproduction</i> , 2014, 91, 13.	1.2	31
5	Proteome of equine oviducal fluid: effects of ovulation and pregnancy. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1085.	0.1	28
6	Procaine Induces Cytokinesis in Horse Oocytes via a pH-Dependent Mechanism. <i>Biology of Reproduction</i> , 2015, 93, 23.	1.2	24
7	An alkaline follicular fluid fraction induces capacitation and limited release of oviduct epithelium-bound stallion sperm. <i>Reproduction</i> , 2015, 150, 193-208.	1.1	18
8	Combined albumin and bicarbonate induces head-to-head sperm agglutination which physically prevents equine sperm oviduct binding. <i>Reproduction</i> , 2016, 151, 313-330.	1.1	16
9	Equine oviduct explant culture: a basic model to decipher embryo-maternal communication. <i>Reproduction, Fertility and Development</i> , 2014, 26, 954.	0.1	15
10	pH-dependent effects of procaine on equine gamete activation. <i>Biology of Reproduction</i> , 2019, 101, 1056-1074.	1.2	11
11	Influence of seasonal differences on semen quality and subsequent embryo development of Belgian Blue bulls. <i>Theriogenology</i> , 2020, 158, 8-17.	0.9	10
12	Asymmetric histone 3 methylation pattern between paternal and maternal pronuclei in equine zygotes. <i>Analytical Biochemistry</i> , 2015, 471, 67-69.	1.1	6
13	Steroids affect gene expression, ciliary activity, glucose uptake, progesterone receptor expression and immunoreactive steroidogenic protein expression in equine oviduct explants in vitro. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1926.	0.1	6
14	A stallion spermatozoon's journey through the mare's genital tract: In vivo and in vitro aspects of sperm capacitation. <i>Animal Reproduction Science</i> , 2022, 246, 106848.	0.5	6
15	Bicarbonate-Stimulated Membrane Reorganization in Stallion Spermatozoa. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 772254.	1.8	3
16	The Role of Oviductal Cells in Activating Stallion Spermatozoa. <i>Journal of Equine Veterinary Science</i> , 2016, 43, S49-S55.	0.4	2
17	Does finasteride treatment for benign prostatic hyperplasia influence sperm DNA integrity in dogs?. <i>Basic and Clinical Andrology</i> , 2020, 30, 9.	0.8	2
18	A triple stain method in conjunction with an in-depth screening of cryopreservation effects on post-thaw sperm in dogs. <i>Cryobiology</i> , 2022, 105, 56-62.	0.3	2

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19	Developing a reproducible protocol for culturing functional confluent monolayers of differentiated equine oviduct epithelial cells. <i>Biology of Reproduction</i> , 2021, , .	1.2	1