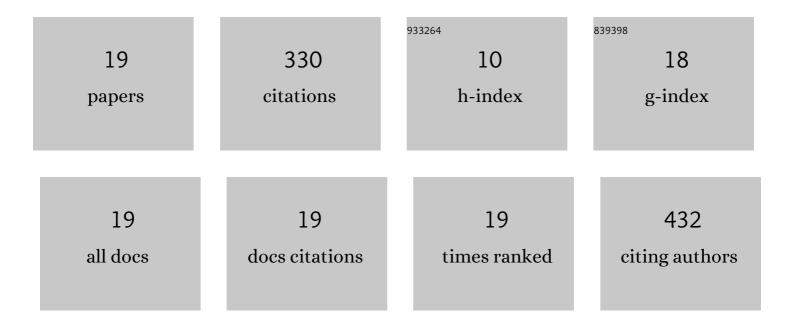
## **Bart Leemans**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5511913/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A stallion spermatozoon's journey through the mare's genital tract: In vivo and in vitro aspects of sperm capacitation. Animal Reproduction Science, 2022, 246, 106848.	0.5	6
2	A triple stain method in conjunction with an in-depth screening of cryopreservation effects on post-thaw sperm in dogs. Cryobiology, 2022, 105, 56-62.	0.3	2
3	Bicarbonate-Stimulated Membrane Reorganization in Stallion Spermatozoa. Frontiers in Cell and Developmental Biology, 2021, 9, 772254.	1.8	3
4	Developing a reproducible protocol for culturing functional confluent monolayers of differentiated equine oviduct epithelial cells. Biology of Reproduction, 2021, , .	1.2	1
5	Does finasteride treatment for benign prostatic hyperplasia influence sperm DNA integrity in dogs?. Basic and Clinical Andrology, 2020, 30, 9.	0.8	2
6	Influence of seasonal differences on semen quality and subsequent embryo development of Belgian Blue bulls. Theriogenology, 2020, 158, 8-17.	0.9	10
7	pH-dependent effects of procaine on equine gamete activationâ€. Biology of Reproduction, 2019, 101, 1056-1074.	1.2	11
8	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.	1.8	44
9	Update on mammalian sperm capacitation: how much does the horse differ from other species?. Reproduction, 2019, 157, R181-R197.	1.1	45
10	Proteome of equine oviducal fluid: effects of ovulation and pregnancy. Reproduction, Fertility and Development, 2017, 29, 1085.	0.1	28
11	Steroids affect gene expression, ciliary activity, glucose uptake, progesterone receptor expression and immunoreactive steroidogenic protein expression in equine oviduct explants in vitro. Reproduction, Fertility and Development, 2016, 28, 1926.	0.1	6
12	Why doesn't conventional IVF work in the horse? The equine oviduct as a microenvironment for capacitation/fertilization. Reproduction, 2016, 152, R233-R245.	1.1	60
13	The Role of Oviductal Cells in Activating Stallion Spermatozoa. Journal of Equine Veterinary Science, 2016, 43, S49-S55.	0.4	2
14	Combined albumin and bicarbonate induces head-to-head sperm agglutination which physically prevents equine sperm–oviduct binding. Reproduction, 2016, 151, 313-330.	1.1	16
15	Procaine Induces Cytokinesis in Horse Oocytes via a pH-Dependent Mechanism1. Biology of Reproduction, 2015, 93, 23.	1.2	24
16	An alkaline follicular fluid fraction induces capacitation and limited release of oviduct epithelium-bound stallion sperm. Reproduction, 2015, 150, 193-208.	1.1	18
17	Asymmetric histone 3 methylation pattern between paternal and maternal pronuclei in equine zygotes. Analytical Biochemistry, 2015, 471, 67-69.	1.1	6
18	Oviduct Binding and Elevated Environmental pH Induce Protein Tyrosine Phosphorylation in Stallion Spermatozoa1. Biology of Reproduction, 2014, 91, 13.	1.2	31

#	Article	IF	CITATIONS
19	Equine oviduct explant culture: a basic model to decipher embryo–maternal communication. Reproduction, Fertility and Development, 2014, 26, 954.	0.1	15