

# Ann Van Soom

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,431  
citations

516561

16  
h-index

642610

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minireview: Functions of the cumulus oophorus during oocyte maturation, ovulation, and fertilization. <i>Molecular Reproduction and Development</i> , 2002, 61, 414-424.	1.0	402
2	Markers of stemness in equine mesenchymal stem cells: a plea for uniformity. <i>Theriogenology</i> , 2011, 75, 1431-1443.	0.9	137
3	Function of the Cumulus Oophorus Before and During Mammalian Fertilization. <i>Reproduction in Domestic Animals</i> , 2002, 37, 144-151.	0.6	95
4	Automated sperm morphometry and morphology analysis of canine semen by the Hamilton-Thorne analyser. <i>Theriogenology</i> , 2004, 62, 1292-1306.	0.9	91
5	Effect of technical settings on canine semen motility parameters measured by the Hamilton-Thorne analyzer. <i>Theriogenology</i> , 2003, 60, 1553-1568.	0.9	89
6	Cumulus contributions during bovine fertilization in vitro. <i>Theriogenology</i> , 2003, 60, 135-149.	0.9	86
7	In search for cross-reactivity to immunophenotype equine mesenchymal stromal cells by multicolor flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 312-323.	1.1	85
8	Culture and characterisation of equine peripheral blood mesenchymal stromal cells. <i>Veterinary Journal</i> , 2013, 195, 107-113.	0.6	85
9	Expression and putative function of fibronectin and its receptor (integrin $\alpha 5 \beta 1$ ) in male and female gametes during bovine fertilization in vitro. <i>Reproduction</i> , 2009, 138, 471-482.	1.1	63
10	Boar seminal plasma components and their relation with semen quality. <i>Systems Biology in Reproductive Medicine</i> , 2013, 59, 5-12.	1.0	51
11	Influence of different centrifugation protocols on equine semen preservation. <i>Theriogenology</i> , 2010, 74, 118-126.	0.9	44
12	Carbohydrates and glycoproteins involved in bovine fertilization in vitro. <i>Molecular Reproduction and Development</i> , 2004, 68, 492-499.	1.0	39
13	Optimization of the Isolation, Culture, and Characterization of Equine Umbilical Cord Blood Mesenchymal Stromal Cells. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 1061-1070.	1.1	35
14	Dynamics of boar semen motility inhibition as a semi-quantitative measurement of <i>Bacillus cereus</i> emetic toxin (Cereulide). <i>Journal of Microbiological Methods</i> , 2006, 65, 525-534.	0.7	28
15	Comparative proteome analysis of porcine follicular fluid and serum reveals that excessive $\alpha 2$ -macroglobulin in serum hampers successful expansion of cumulus-oocyte complexes. <i>Proteomics</i> , 2009, 9, 4554-4565.	1.3	21
16	Artificial Insemination in Pigs. , 0, , .		17
17	Porcine oocyte maturation &lt;i>in vitro</i>: role of cAMP and oocyte-secreted factors â€œ A practical approach. <i>Journal of Reproduction and Development</i> , 2016, 62, 439-449.	0.5	17
18	Blocking connexin channels during vitrification of immature cat oocytes improves maturation capacity after warming. <i>Theriogenology</i> , 2018, 122, 144-149.	0.9	14

#	ARTICLE	IF	CITATIONS
19	Effectiveness of the sperm quality analyzer (SQA-Vp) for porcine semen analysis. <i>Theriogenology</i> , 2011, 75, 972-977.	0.9	10
20	Serum Anti-Müllerian Hormone: A Potential Semen Quality Biomarker in Stud Dogs?. <i>Animals</i> , 2022, 12, 323.	1.0	7
21	Holding immature bovine oocytes in a commercial embryo holding medium: High developmental competence for up to 10h at room temperature. <i>Theriogenology</i> , 2018, 107, 63-69.	0.9	5
22	Influence of Single Layer Centrifugation with Canicoll on Semen Freezability in Dogs. <i>Animals</i> , 2022, 12, 714.	1.0	5
23	Hampered cumulus expansion of porcine cumulus-oocyte complexes by excessive presence of alpha <sub>2</sub> -macroglobulin is likely mediated via inhibition of zinc-dependent metalloproteases. <i>Animal Science Journal</i> , 2017, 88, 1279-1290.	0.6	4
24	Sperm Gone Smart: A Portable Device (iSperm <sup>®</sup> ) to Assess Semen Concentration and Motility in Dogs. <i>Animals</i> , 2022, 12, 652.	1.0	1