

# Jaime Cataln

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

158  
citations

7  
h-index

10  
g-index

34  
ext. papers

274  
ext. citations

3.6  
avg, IF

3.39  
L-index

#	Paper	IF	Citations
30	Impact of Seminal Plasma Antioxidants on Donkey Sperm Cryotolerance.. <i>Antioxidants</i> , <b>2022</b> , 11,	7.1	2
29	ProAKAP4 Semen Concentrations as a Valuable Marker Protein of Post-Thawed Semen Quality and Bull Fertility: A Retrospective Study. <i>Veterinary Sciences</i> , <b>2022</b> , 9, 224	2.4	2
28	Advances in sperm cryopreservation in farm animals: Cattle, horse, pig and sheep. <i>Animal Reproduction Science</i> , <b>2021</b> , 106904	2.1	3
27	Species-Specific Differences in Sperm Chromatin Decondensation Between Eutherian Mammals Underlie Distinct Lysis Requirements. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 669182	5.7	6
26	A New Approach of Sperm Motility Subpopulation Structure in Donkey and Horse. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 651477	3.1	3
25	Specific Seminal Plasma Fractions Are Responsible for the Modulation of Sperm-PMN Binding in the Donkey. <i>Animals</i> , <b>2021</b> , 11,	3.1	3
24	Seminal plasma, and not sperm, induces time and concentration-dependent neutrophil extracellular trap release in donkeys. <i>Equine Veterinary Journal</i> , <b>2021</b> ,	2.4	6
23	The Effects of Red Light on Mammalian Sperm Rely upon the Color of the Straw and the Medium Used. <i>Animals</i> , <b>2021</b> , 11,	3.1	1
22	Extracellular Reactive Oxygen Species (ROS) Production in Fresh Donkey Sperm Exposed to Reductive Stress, Oxidative Stress and NETosis. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	2
21	The TUNEL assay underestimates the incidence of DNA damage in pig sperm due to chromatin condensation. <i>Theriogenology</i> , <b>2021</b> , 174, 94-101	2.8	0
20	Optimization of CASA-Mot Analysis of Donkey Sperm: Optimum Frame Rate and Values of Kinematic Variables for Different Counting Chamber and Fields. <i>Animals</i> , <b>2020</b> , 10,	3.1	2
19	Seminal Plasma, Sperm Concentration, and Sperm-PMN Interaction in the Donkey: An In Vitro Model to Study Endometrial Inflammation at Post-Insemination. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	12
18	Effects of red-light irradiation on the function and survival of fresh and liquid-stored donkey semen. <i>Theriogenology</i> , <b>2020</b> , 149, 88-97	2.8	6
17	HVCN1 Channels Are Relevant for the Maintenance of Sperm Motility During In Vitro Capacitation of Pig Spermatozoa. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	8
16	Seminal plasma has limited counteracting effects following induction of oxidative stress in donkey spermatozoa. <i>Reproduction, Fertility and Development</i> , <b>2020</b> , 32, 619-628	1.8	1
15	Examination of jackass ( <i>Equus asinus</i> ) accessory sex glands by B-mode ultrasound and of testicular artery blood flow by colour pulsed-wave Doppler ultrasound: Correlations with semen production. <i>Reproduction in Domestic Animals</i> , <b>2020</b> , 55, 181-188	1.6	7
14	Total and specific activities of superoxide dismutase (SOD) in seminal plasma are related with the cryotolerance of jackass spermatozoa. <i>Cryobiology</i> , <b>2020</b> , 92, 109-116	2.7	12

13	Single Layer Centrifugation Improves the Quality of Fresh Donkey Semen and Modifies the Sperm Ability to Interact with Polymorphonuclear Neutrophils. <i>Animals</i> , <b>2020</b> , 10,	3.1	1
12	Red LED Light Acts on the Mitochondrial Electron Chain of Mammalian Sperm via Light-Time Exposure-Dependent Mechanisms. <i>Cells</i> , <b>2020</b> , 9,	7.9	2
11	Irradiating frozen-thawed stallion sperm with red-light increases their resilience to withstand post-thaw incubation at 38°C. <i>Theriogenology</i> , <b>2020</b> , 157, 85-95	2.8	4
10	Optimal frame rate when there were stallion sperm motility evaluations and determinations for kinematic variables using CASA-Mot analysis in different counting chambers. <i>Animal Reproduction Science</i> , <b>2020</b> , 223, 106643	2.1	4
9	Medium-term effects of the diluted pig semen irradiation with red LED light on the integrity of nucleoprotein structure and resilience to withstand thermal stress. <i>Theriogenology</i> , <b>2020</b> , 157, 388-398	2.8	2
8	Red-Light Irradiation of Horse Spermatozoa Increases Mitochondrial Activity and Motility through Changes in the Motile Sperm Subpopulation Structure. <i>Biology</i> , <b>2020</b> , 9,	4.9	7
7	Collagen and Eosinophils in Jenny's Endometrium: Do They Differ With Endometrial Classification?. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 631	3.1	2
6	Red LED Light Acts on the Mitochondrial Electron Chain of Donkey Sperm and Its Effects Depend on the Time of Exposure to Light. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 588621	5.7	5
5	Hastening Time to Ejaculation in Donkey Jacks Treated with the PGF <sub>2</sub> Analog, Cloprostenol Sodium. <i>Animals</i> , <b>2020</b> , 10,	3.1	1
4	Activities of antioxidant seminal plasma enzymes (SOD, CAT, GPX and GSR) are higher in jackasses than in stallions and are correlated with sperm motility in jackasses. <i>Theriogenology</i> , <b>2019</b> , 140, 180-187	2.8	18
3	Red-light stimulation of boar semen prior to artificial insemination improves field fertility in farms: A worldwide survey. <i>Reproduction in Domestic Animals</i> , <b>2019</b> , 54, 1145-1148	1.6	9
2	Specific Activity of Superoxide Dismutase in Stallion Seminal Plasma Is Related to Sperm Cryotolerance. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	17
1	Cryotolerance of Stallion Spermatozoa Relies on Aquaglyceroporins rather than Orthodox Aquaporins. <i>Biology</i> , <b>2019</b> , 8,	4.9	7