

João Diego de Agostini Losano

List of Publications by Year in descending order

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54
papers

690
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567144

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57
docs citations

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times ranked

905
citing authors

#	ARTICLE	IF	CITATIONS
1	Sperm Oxidative Stress Is Detrimental to Embryo Development: A Dose-Dependent Study Model and a New and More Sensitive Oxidative Status Evaluation. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	1.9	71
2	Recovery of normal testicular temperature after scrotal heat stress in rams assessed by infrared thermography and its effects on seminal characteristics and testosterone blood serum concentration. <i>Theriogenology</i> , 2016, 86, 795-805.e2.	0.9	49
3	Impact of induced levels of specific free radicals and malondialdehyde on chicken semen quality and fertility. <i>Theriogenology</i> , 2017, 90, 11-19.	0.9	41
4	The Stimulated Glycolytic Pathway Is Able to Maintain ATP Levels and Kinetic Patterns of Bovine Epididymal Sperm Subjected to Mitochondrial Uncoupling. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-8.	1.9	36
5	Effect of mitochondrial uncoupling and glycolysis inhibition on ram sperm functionality. <i>Reproduction in Domestic Animals</i> , 2017, 52, 289-297.	0.6	33
6	Fatty acid content in epididymal fluid and spermatozoa during sperm maturation in dogs. <i>Journal of Animal Science and Biotechnology</i> , 2017, 8, 18.	2.1	31
7	Lipid composition of the canine sperm plasma membrane as markers of sperm motility. <i>Reproduction in Domestic Animals</i> , 2017, 52, 208-213.	0.6	29
8	Spermatid mitochondria: role in oxidative homeostasis, sperm function and possible tools for their assessment. <i>Zygote</i> , 2018, 26, 251-260.	0.5	29
9	Heat stress effects on bovine sperm cells: a chronological approach to early findings. <i>International Journal of Biometeorology</i> , 2020, 64, 1367-1378.	1.3	27
10	Evaluation of epididymis storage temperature and cryopreservation conditions for improved mitochondrial membrane potential, membrane integrity, sperm motility and <i>in vitro</i> fertilization in bovine epididymal sperm. <i>Reproduction in Domestic Animals</i> , 2017, 52, 257-263.	0.6	24
11	Comparison of Cryopreservation Protocols (Single and Two-steps) and Thawing (Fast and Slow) for Canine Sperm. <i>Animal Biotechnology</i> , 2017, 28, 67-73.	0.7	22
12	Effect of different semen extenders for the storage of chilled sperm in Tigrina (<i>Leopardus tigrinus</i>). <i>Theriogenology</i> , 2017, 89, 146-154.	0.9	18
13	Induced sperm oxidative stress in dogs: Susceptibility against different reactive oxygen species and protective role of seminal plasma. <i>Theriogenology</i> , 2018, 108, 39-45.	0.9	18
14	Role of residual cytoplasm on oxidative status during sperm maturation in dogs. <i>Animal Reproduction Science</i> , 2014, 151, 256-261.	0.5	17
15	Effect of Vitamin E and Polyunsaturated Fatty Acids on Cryopreserved Sperm Quality in <i>Bos taurus</i> Bulls Under Testicular Heat Stress. <i>Animal Biotechnology</i> , 2018, 29, 100-109.	0.7	17
16	Antioxidant Effect of a Polyphenol-Rich Murtilla (<i>Ugni molinae</i> Turcz.) Extract and Its Effect on the Regulation of Metabolism in Refrigerated Boar Sperm. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	1.9	17
17	Utilisation of sperm-binding assay combined with computer-assisted sperm analysis to evaluate frozen-thawed bull semen. <i>Andrologia</i> , 2015, 47, 77-84.	1.0	15
18	A fast, low-cost and efficient method for the diagnosis of sperm DNA fragmentation in several species. <i>Reproduction in Domestic Animals</i> , 2018, 53, 171-175.	0.6	15

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19	The addition of docosahexaenoic acid (DHA) and antioxidants (glutathione peroxidase and superoxide) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.5	15
20	Validation of simple and cost-effective stains to assess acrosomal status, DNA damage and mitochondrial activity in rooster spermatozoa. <i>Animal Reproduction Science</i> , 2017, 187, 133-140.	0.5	14
21	Effects of Soy Lecithin Extender on Dog Sperm Cryopreservation. <i>Animal Biotechnology</i> , 2018, 29, 174-182.	0.7	14
22	Effect of senescence on morphological, functional and oxidative features of fresh and cryopreserved canine sperm. <i>Aging Male</i> , 2020, 23, 279-286.	0.9	14
23	Field-testing a single-dose immunocontraceptive in free-ranging male capybara (<i>Hydrochoerus</i>) and agonistic behavior. <i>Animal Reproduction Science</i> , 2019, 209, 106148.	0.5	10
24	Susceptibility of Stallion Spermatozoa to Different Oxidative Challenges: Role of Seminal Plasma. <i>Journal of Equine Veterinary Science</i> , 2017, 55, 76-83.	0.4	9
25	Sperm function and oxidative status: Effect on fertility in <i>Bos taurus</i> and <i>Bos indicus</i> bulls when semen is used for fixed-time artificial insemination. <i>Animal Reproduction Science</i> , 2022, 237, 106922.	0.5	9
26	Cytoplasmic droplet acting as a mitochondrial modulator during sperm maturation in dogs. <i>Animal Reproduction Science</i> , 2017, 181, 50-56.	0.5	8
27	Spermatic and oxidative profile of domestic cat (<i>Felis catus</i>) epididymal sperm subjected to different cooling times (24, 48 and 72 hours). <i>Reproduction in Domestic Animals</i> , 2018, 53, 163-170.	0.6	7
28	Sperm evaluation and morphological description of male genitalia of meerkats (<i>Suricata suricatta</i>). <i>Animal Reproduction Science</i> , 2020, 221, 106585.	0.5	7
29	Carnosine as malondialdehyde scavenger in stallion seminal plasma and its role in sperm function and oxidative status. <i>Theriogenology</i> , 2018, 119, 10-17.	0.9	6
30	Insights into soy lecithin and egg yolk-based extenders for chilling canine spermatozoa. <i>Zygote</i> , 2019, 27, 17-24.	0.5	5
31	Ageing changes testes and epididymis blood flow without altering biometry and echodensity in dogs. <i>Animal Reproduction Science</i> , 2021, 228, 106745.	0.5	5
32	The use of resveratrol decreases liquid-extend boar semen fertility, even in concentrations that do not alter semen quality. <i>Research in Veterinary Science</i> , 2021, 136, 360-368.	0.9	5
33	The use of reduced glutathione (GSH) as antioxidant for cryopreserved sperm in dogs. <i>Arquivo Brasileiro De Medicina Veterinária E Zootecnia</i> , 2018, 70, 419-428.	0.1	4
34	Semen cryopreservation in golden-headed lion tamarin, <i>Leontopithecus chrysomelas</i> . <i>American Journal of Primatology</i> , 2019, 81, e23071.	0.8	4
35	Estimate of in vitro embryo production based on sperm subpopulations in Senepol bulls. <i>Theriogenology</i> , 2021, 161, 98-107.	0.9	4
36	Assessing different liquid-storage temperatures for rooster spermatozoa. <i>Animal Reproduction Science</i> , 2021, 233, 106845.	0.5	4

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37	Tributyltin chloride exposure to post-ejaculatory sperm reduces motility, mitochondrial function and subsequent embryo development. <i>Reproduction, Fertility and Development</i> , 2022, 34, 833-843.	0.1	4
38	Immunolocalisation and expression of oxytocin receptors and sex hormone-binding globulin in the testis and epididymis of dogs: correlation with sperm function. <i>Reproduction, Fertility and Development</i> , 2019, 31, 1434.	0.1	3
39	Changes in fertilization medium viscosity using hyaluronic acid impact bull sperm motility and acrosome status. <i>Reproduction in Domestic Animals</i> , 2020, 55, 974-983.	0.6	3
40	Reproductive parameters of <i>Bos taurus</i> and <i>Bos indicus</i> bulls during different seasons in tropical conditions: focus on an alternative approach to testicular assessments using ultrasonography. <i>Animal Reproduction Science</i> , 2021, 225, 106668.	0.5	3
41	Spermatic profile of captive giant anteaters (<i>Myrmecophaga tridactyla</i>): Knowing more to preserve better. <i>Zoo Biology</i> , 2021, 40, 227-237.	0.5	3
42	Evaluation of Blood Glucose and Lactate Concentrations in Mule and Equine Foals. <i>Journal of Equine Veterinary Science</i> , 2021, 101, 103369.	0.4	3
43	Chronological characterization of sperm morpho-functional damage and recovery after testicular heat stress in Nelore bulls. <i>Journal of Thermal Biology</i> , 2022, , 103237.	1.1	3
44	Insights on sperm assays and cryopreservation in six Neotropical pit vipers. <i>Cryobiology</i> , 2022, 106, 55-65.	0.3	3
45	Assessment of different sperm functional tests in golden-headed lion tamarins (<i>Leontopithecus</i>) Tj ETQq1 1 0.784314 rgBT /Ove 0.8	0.8	2
46	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
47	Lipid peroxidation in bull semen influences sperm traits and oxidative potential of Percoll®-selected sperm. <i>Zygote</i> , 2021, 29, 1-8.	0.5	2
48	Functional sperm assessments of African Lion <i>Panthera leo</i> (Mammalia: Carnivora: Felidae) in field conditions. <i>Journal of Threatened Taxa</i> , 2019, 11, 13114-13119.	0.1	2
49	The influence of canine brucellosis on morphofunctional features of epididymal spermatozoa: case report. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2016, 68, 1449-1452.	0.1	1
50	Sperm-binding to the perivitelline membrane of chicken egg yolk as a functional test for sperm evaluation in dogs. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2017, 54, 366.	0.2	1
51	Seasonal effects on testes size and sustained semen quality in captive golden-headed lion tamarins, <i>Leontopithecus chrysomelas</i> . <i>Animal Reproduction Science</i> , 2020, 218, 106472.	0.5	1
52	Validation of manual semen collection methods and sperm evaluation in living freshwater stingrays (<i>Potamotrygon falkneri</i>) kept in ex situ conditions. <i>Environmental Biology of Fishes</i> , 2021, 104, 463-469.	0.4	1
53	Review on the role of antioxidant supplementation against oxidative stress: a human and animal approach to male fertility. <i>Research, Society and Development</i> , 2022, 11, e43211125191.	0.0	0
54	Frozen-Thawed Sperm Analysis of Benign Prostatic Hyperplasia Dogs Treated With Finasteride. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	0