

Karin MÃ¼ller

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

581
citations

759190

12
h-index

610883

24
g-index

26
all docs

26
docs citations

26
times ranked

628
citing authors

#	ARTICLE	IF	CITATIONS
1	Seminal lipid profiling and antioxidant capacity: A species comparison. <i>PLoS ONE</i> , 2022, 17, e0264675.	2.5	4
2	Sperm migration in the genital tract—In silico experiments identify key factors for reproductive success. <i>PLoS Computational Biology</i> , 2021, 17, e1009109.	3.2	4
3	Assisted reproduction for felid species conservation—Sperm competences at risk. <i>Reproduction in Domestic Animals</i> , 2020, 55, 55-60.	1.4	2
4	Equilibration in freezing extender alters in vitro sperm—oviduct binding in the domestic cat (<i>Felis catus</i>). <i>Reproduction in Domestic Animals</i> , 2019, 54, 10-17.	2.1	1
5	MALDI MS Analysis to Investigate the Lipid Composition of Sperm. <i>Current Analytical Chemistry</i> , 2020, 16, 79-91.	1.2	2
6	In vitro supplementation with unsaturated fatty acids improves boar sperm viability after storage at 6 °C. <i>Animal Reproduction Science</i> , 2019, 206, 60-68.	1.5	15
7	Antibacterial defense and sperm quality in boar ejaculates. <i>Journal of Reproductive Immunology</i> , 2019, 131, 13-20.	1.9	10
8	The membrane phospholipid composition of honeybee (<i>Apis mellifera</i>) workers reflects their nutrition, fertility, and vitellogenin stores. <i>Insectes Sociaux</i> , 2018, 65, 381-391.	1.2	13
9	Semen cryopreservation and radical reduction capacity of seminal fluid in captive African lion (<i>Panthera leo</i>). <i>Theriogenology</i> , 2017, 89, 295-304.	2.1	11
10	Successful Cryopreservation of Domestic Cat (<i>Felis catus</i>) Epididymal Sperm after Slow Equilibration to 15 or 10 °C. <i>Reproduction in Domestic Animals</i> , 2016, 51, 195-203.	1.4	13
11	Lipid dynamics in boar sperm studied by advanced fluorescence imaging techniques. <i>European Biophysics Journal</i> , 2016, 45, 149-163.	2.2	8
12	Seminal fluid promotes in vitro sperm—oviduct binding in the domestic cat (<i>Felis catus</i>). <i>Theriogenology</i> , 2015, 83, 1373-1380.	2.1	13
13	Testosterone production and spermatogenesis in free-ranging Eurasian lynx (<i>Lynx lynx</i>) throughout the year. <i>European Journal of Wildlife Research</i> , 2014, 60, 569-577.	1.4	3
14	Metabolic incorporation of unsaturated fatty acids into boar spermatozoa lipids and de novo formation of diacylglycerols. <i>Chemistry and Physics of Lipids</i> , 2014, 177, 41-50.	3.2	10
15	A simple method to identify ether lipids in spermatozoa samples by MALDI-TOF mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6675-6682.	3.7	18
16	Conservation of honey bee (<i>Apis mellifera</i>) sperm phospholipids during storage in the bee queen—A TLC/MALDI-TOF MS study. <i>Experimental Gerontology</i> , 2013, 48, 213-222.	2.8	33
17	In vivo validation of in vitro quality tests for cryopreserved honey bee semen. <i>Cryobiology</i> , 2012, 65, 126-131.	0.7	28
18	Experimental increase of testosterone levels in free-ranging juvenile male African striped mice (<i>Rhabdomys pumilio</i>) induces physiological, morphological, and behavioral changes. <i>General and Comparative Endocrinology</i> , 2012, 178, 108-115.	1.8	17

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19	MALDI-TOF "fingerprint" phospholipid mass spectra allow the differentiation between ruminantia and feloideae spermatozoa. <i>Theriogenology</i> , 2009, 71, 568-575.	2.1	43
20	Characterization of Sperm Plasma Membrane Properties after Cholesterol Modification: Consequences for Cryopreservation of Rainbow Trout Spermatozoa. <i>Biology of Reproduction</i> , 2008, 78, 390-399.	2.7	95
21	The Lipid Composition Modulates the Influence of the Bovine Seminal Plasma Protein PDC-109 on Membrane Stability. <i>Biochemistry</i> , 2007, 46, 11621-11629.	2.5	21
22	The bovine seminal plasma protein PDC-109 extracts phosphorylcholine-containing lipids from the outer membrane leaflet. <i>European Biophysics Journal</i> , 2007, 36, 461-475.	2.2	21
23	Localization of phosphatidylserine in boar sperm cell membranes during capacitation and acrosome reaction. <i>Reproduction</i> , 2005, 130, 615-626.	2.6	34
24	Analysis of the lipid composition of bull spermatozoa by MALDI-TOF mass spectrometry—a cautionary note. <i>Chemistry and Physics of Lipids</i> , 2003, 126, 85-94.	3.2	75
25	Influence of the Bovine Seminal Plasma Protein PDC-109 on the Physical State of Membranes. <i>Biochemistry</i> , 2001, 40, 8326-8334.	2.5	75
26	Phospholipid transverse asymmetry in trout spermatozoa plasma membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1192, 21-26.	2.6	12