

Marc Llavanera

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

251
citations

1039880

9
h-index

1058333

14
g-index

24
all docs

24
docs citations

24
times ranked

195
citing authors

#	ARTICLE	IF	CITATIONS
1	GSTM3, but not IZUMO1, is a cryotolerance marker of boar sperm. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 61.	2.1	30
2	The triple role of glutathione S-transferases in mammalian male fertility. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2331-2342.	2.4	27
3	Aquaglyceroporins but not orthodox aquaporins are involved in the cryotolerance of pig spermatozoa. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 77.	2.1	20
4	Glutathione S-Transferases Play a Crucial Role in Mitochondrial Function, Plasma Membrane Stability and Oxidative Regulation of Mammalian Sperm. <i>Antioxidants</i> , 2020, 9, 100.	2.2	19
5	The Presence of Seminal Plasma during Liquid Storage of Pig Spermatozoa at 17 °C Modulates Their Ability to Elicit In Vitro Capacitation and Trigger Acrosomal Exocytosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4520.	1.8	16
6	HVCN1 Channels Are Relevant for the Maintenance of Sperm Motility During In Vitro Capacitation of Pig Spermatozoa. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3255.	1.8	15
7	Sperm chromatin condensation as an in vivo fertility biomarker in bulls: a flow cytometry approach. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 115.	2.1	14
8	Elucidating the Role of K ⁺ Channels during In Vitro Capacitation of Boar Spermatozoa: Do SLO1 Channels Play a Crucial Role?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6330.	1.8	12
9	Red LED Light Acts on the Mitochondrial Electron Chain of Mammalian Sperm via Light-Time Exposure-Dependent Mechanisms. <i>Cells</i> , 2020, 9, 2546.	1.8	12
10	Sperm DNA damage compromises embryo development, but not oocyte fertilisation in pigs. <i>Biological Research</i> , 2022, 55, 15.	1.5	12
11	Effect of AQP Inhibition on Boar Sperm Cryotolerance Depends on the Intrinsic Freezability of the Ejaculate. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6255.	1.8	10
12	Exploring Seminal Plasma GSTM3 as a Quality and In Vivo Fertility Biomarker in Pigs' Relationship with Sperm Morphology. <i>Antioxidants</i> , 2020, 9, 741.	2.2	9
13	Irradiating frozen-thawed stallion sperm with red-light increases their resilience to withstand post-thaw incubation at 38 °C. <i>Theriogenology</i> , 2020, 157, 85-95.	0.9	8
14	Direct but Not Indirect Methods Correlate the Percentages of Sperm With Altered Chromatin to the Intensity of Chromatin Damage. <i>Frontiers in Veterinary Science</i> , 2021, 8, 719319.	0.9	8
15	Assessment of sperm mitochondrial activity by flow cytometry and fluorescent microscopy: a comparative study of mitochondrial fluorescent probes in bovine spermatozoa. <i>Reproduction, Fertility and Development</i> , 2022, 34, 679-688.	0.1	7
16	Deactivation of the JNK Pathway by GSTP1 Is Essential to Maintain Sperm Functionality. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 627140.	1.8	6
17	Aquaporins Are Essential to Maintain Motility and Membrane Lipid Architecture During Mammalian Sperm Capacitation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 656438.	1.8	5
18	Telomere Length in Pig Sperm Is Related to In Vitro Embryo Development Outcomes. <i>Animals</i> , 2022, 12, 204.	1.0	5

#	ARTICLE	IF	CITATIONS
19	Parkinson Disease Protein 7 (PARK7) Is Related to the Ability of Mammalian Sperm to Undergo In Vitro Capacitation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10804.	1.8	4
20	Telomere length in bovine sperm is related to the production of reactive oxygen species, but not to reproductive performance. <i>Theriogenology</i> , 2022, 189, 290-300.	0.9	4
21	HVCN1 but Not Potassium Channels Are Related to Mammalian Sperm Cryotolerance. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1646.	1.8	3
22	Aldose Reductase B1 in Pig Seminal Plasma: Identification, Localization in Reproductive Tissues, and Relationship With Quality and Sperm Preservation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 683199.	1.8	3
23	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> , 2020, 157, 388-398.	0.9	2
24	Aldose Reductase B1 in Pig Sperm Is Related to Their Function and Fertilizing Ability. <i>Frontiers in Endocrinology</i> , 2022, 13, 773249.	1.5	0