Laura Cecilia Giojalas

List of Publications by Year
in descending order

52	2,172	331670	223800
papers	citations	21 h-index	46 g-index

53	53	53	1712
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding new molecular and cell biology findings based on progressive scientific practices and interconnected activities in undergraduate students. Biochemistry and Molecular Biology Education, 2021, 49, 198-209.	1.2	0
2	Behavioural switching during oscillations of intracellular Ca2+ concentration in free-swimming human sperm. Reproduction and Fertility, 2021, 2, L5-L7.	1.8	1
3	Extracellular vesicles from oviductal isthmus and ampulla stimulate the induced acrosome reaction and signaling events associated with capacitation in bovine spermatozoa. Journal of Cellular Biochemistry, 2020, 121, 2877-2888.	2.6	31
4	Getting to and away from the egg, an interplay between several sperm transport mechanisms and a complex oviduct physiology. Molecular and Cellular Endocrinology, 2020, 518, 110954.	3.2	11
5	Chemotactic selection of frozen-thawed stallion sperm improves sperm quality and heterologous binding to oocytes. Animal Reproduction Science, 2020, 221, 106582.	1.5	4
6	Hitting the wall: Human sperm velocity recovery under ultra-confined conditions. Biomicrofluidics, 2020, 14, 024108.	2.4	6
7	10.1063/1.5143194.1. , 2020, , .		0
8	Continuous behavioural â€˜switchingâ€™ in human spermatozoa and its regulation by Ca2+-mobilising stimuli. Molecular Human Reproduction, 2019, 25, 423-432.	2.8	9
9	Sperm physiology varies according to ultradian and infradian rhythms. Scientific Reports, 2019, 9, 5988.	3.3	4
10	Semi-automatized segmentation method using image-based flow cytometry to study sperm physiology: the case of capacitation-induced tyrosine phosphorylation. Molecular Human Reproduction, 2018, 24, 64-73.	2.8	29
11	Sperm Sexing Mediated by Magnetic Nanoparticles in Donkeys, a Preliminary InÂVitro Study. Journal of Equine Veterinary Science, 2018, 65, 123-127.	0.9	26
12	Improved bovine inÂvitro embryo production with sexed and unsexed sperm selected by chemotaxis. Theriogenology, 2018, 122, 1-8.	2.1	15
13	Involvement of fibroblast growth factor 2 (FGF2) and its receptors in the regulation of mouse sperm physiology. Reproduction, 2018, 156, 163-172.	2.6	9
14	Comparative sperm ultrastructure of two tegu lizards (genus Salvator) and its relation to sperm competition. Zoologischer Anzeiger, 2017, 267, 63-68.	0.9	4
15	An intact acrosome is required for the chemotactic response to progesterone in mouse spermatozoa. Molecular Reproduction and Development, 2017, 84, 310-315.	2.0	33
16	Sperm chemorepulsion, a supplementary mechanism to regulate fertilization. Human Reproduction, 2017, 32, 1560-1573.	0.9	18
17	Relationship between pre- and post-copulatory traits inSalvator rufescens(Squamata: Teiidae). Biological Journal of the Linnean Society, 2016, 119, 932-942.	1.6	9
18	CRISP1 as a novel CatSper regulator that modulates sperm motility and orientation during fertilization. Journal of Cell Biology, 2015, 210, 1213-1224.	5.2	76

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19	Variability in sperm form and function in the context of sperm competition risk in two Tupinambis lizards. Ecology and Evolution, 2014, 4, 4080-4092.	1.9	29
20	Effects of the Synthetic Estrogen 17Î±-Ethinylestradiol on Aromatase Expression, Reproductive Behavior and Sperm Quality in the Fish Jenynsia multidentata. Bulletin of Environmental Contamination and Toxicology, 2014, 92, 579-584.	2.7	22
21	Versatile Action of Picomolar Gradients of Progesterone on Different Sperm Subpopulations. PLoS ONE, 2014, 9, e91181.	2.5	22
22	Spermatozoa characterization in the one-sided livebearing Jenynsia multidentata (Cyprinodontiformes: Anablepidae). Revista De Biologia Tropical, 2014, 62, 997-1006.	0.4	0
23	Picomolar gradients of progesterone select functional human sperm even in subfertile samples. Molecular Human Reproduction, 2013, 19, 559-569.	2.8	46
24	Assessment of Sperm Function Parameters and DNA Fragmentation in Ejaculated Alpaca Sperm (<i>Lama) Tj ETQq0 0 0 rgBT /Overlock	1.4	11
25	Infertility treatment, a matter of a lovely sperm?. Asian Journal of Andrology, 2013, 15, 719-720.	1.6	0
26	Impairments in aromatase expression, reproductive behavior, and sperm quality of male fish exposed to 17Î²â€estradiol. Environmental Toxicology and Chemistry, 2012, 31, 935-940.	4.3	20
27	Sperm Membrane Functionality in the Dog Assessed by Flow Cytometry. Reproduction in Domestic Animals, 2012, 47, 39-43.	1.4	18
28	Sperm Parameters Associated with Reproductive Ecology in Two Snake Species. Herpetologica, 2011, 67, 58-70.	0.4	21
29	Human sperm pattern of movement during chemotactic re-orientation towards a progesterone source. Asian Journal of Andrology, 2011, 13, 769-773.	1.6	33
30	Human sperm chemotaxis depends on critical levels of reactive oxygen species. Fertility and Sterility, 2010, 93, 150-153.	1.0	22
31	Progesterone sperm chemoattraction may be modulated by its corticosteroid-binding globulin carrier protein. Fertility and Sterility, 2010, 93, 2450-2452.	1.0	16
32	Molecular Mechanism for Human Sperm Chemotaxis Mediated by Progesterone. PLoS ONE, 2009, 4, e8211.	2.5	131
33	SPERM COMPETITION AND REPRODUCTIVE MODE INFLUENCE SPERM DIMENSIONS AND STRUCTURE AMONG SNAKES. Evolution; International Journal of Organic Evolution, 2009, 63, 2513-2524.	2.3	46
34	Sperm ultrastructure of Bothrops alternatus and Bothrops diporus (Viperidae, Serpentes), and its possible relation to the reproductive features of the species. Zoomorphology, 2008, 127, 241-248.	0.8	18
35	Chemotactic response of frozen-thawed bovine spermatozoa towards follicular fluid. Animal Reproduction Science, 2008, 108, 236-246.	1.5	17
36	Progesterone from the Cumulus Cells Is the Sperm Chemoattractant Secreted by the Rabbit Oocyte Cumulus Complex. PLoS ONE, 2008, 3, e3040.	2.5	111

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37	Ca2+ signalling in the control of motility and guidance in mammalian sperm. Frontiers in Bioscience - Landmark, 2008, Volume, 5623.	3.0	108
38	Sperm motility parameters to evaluate the seminal quality of Boa constrictor occidentalis, a threatened snake species. Research in Veterinary Science, 2007, 82, 93-98.	1.9	24
39	Progesterone at the picomolar range is a chemoattractant for mammalian spermatozoa. Fertility and Sterility, 2006, 86, 745-749.	1.0	168
40	The ultrastructure of the spermatozoa of Boa constrictor occidentalis, with considerations on its mating system and sperm competition theories. Acta Zoologica, 2006, 87, 25-32.	0.8	21
41	Sperm guidance in mammals â€" an unpaved road to the egg. Nature Reviews Molecular Cell Biology, 2006, 7, 276-285.	37.0	428
42	Human sperm chemotaxis: both the oocyte and its surrounding cumulus cells secrete sperm chemoattractants. Human Reproduction, 2005, 20, 761-767.	0.9	126
43	Timing of sperm capacitation appears to be programmed according to egg availability in the female genital tract. Fertility and Sterility, 2004, 82, 247-249.	1.0	38
44	Determination of human sperm calcium uptake mediated by progesterone may be useful for evaluating unexplained sterility. Fertility and Sterility, 2004, 82, 738-740.	1.0	6
45	Thermotaxis of mammalian sperm cells: A potential navigation mechanism in the female genital tract. Nature Medicine, 2003, 9, 149-150.	30.7	213
46	Lack of species-specificity in mammalian sperm chemotaxis. Developmental Biology, 2003, 255, 423-427.	2.0	40
47	Chemotaxis of Capacitated Rabbit Spermatozoa to Follicular Fluid Revealed by a Novel Directionality-Based Assay1. Biology of Reproduction, 2002, 67, 1565-1571.	2.7	97
48	Correlation between response to progesterone and other functional parameters in human spermatozoa. Fertility and Sterility, 1998, 69, 107-111.	1.0	5
49	Type of Rectal Contents and Infectivity of Domiciliary Populations of Triatoma infestans (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Over	1.8	4
50	Ultrastructural variations in the spermiogenesis ofTriatoma infestans induced by temperature changes. Journal of Morphology, 1993, 216, 17-27.	1.2	2
51	Changes in male Triatoma infestans reproductive efficiency caused by a suboptimal temperature. Journal of Insect Physiology, 1993, 39, 297-302.	2.0	12
52	Temperature effect upon blood consumption in Triatoma infestans. Memorias Do Instituto Oswaldo Cruz, 1992, 87, 473-476.	1.6	12