Patricio Morales

List of Publications by Year
in descending order

34 papers	1,984 citations	361296 20 h-index	377752 34 g-index
34 all docs	34 docs citations	34 times ranked	926 citing authors

#	Article	IF	Citations
1	Two simple methods for detecting acrosome-reacted human sperm. Gamete Research, 1986, 15, 213-226.	1.7	593
2	Induction of Acrosome Reactions by the Human Zona Pellucida1. Biology of Reproduction, 1988, 38, 235-244.	1.2	308
3	Kinases, phosphatases and proteases during sperm capacitation. Cell and Tissue Research, 2012, 349, 765-782.	1.5	104
4	Acrosome intact and acrosome-reacted human sperm can initiate binding to the zona pellucida. Developmental Biology, 1989, 133, 385-392.	0.9	99
5	Participation of the sperm proteasome in human fertilization. Human Reproduction, 2003, 18, 1010-1017.	0.4	79
6	The role of sperm proteasomes during sperm aster formation and early zygote development: implications for fertilization failure in humans. Human Reproduction, 2008, 23, 573-580.	0.4	72
7	The acrosome reaction-inducing activity of individual human follicular fluid samples is highly variable and is related to the steroid content. Human Reproduction, 1992, 7, 646-651.	0.4	64
8	Participation of the Human Sperm Proteasome in the Capacitation Process and Its Regulation by Protein Kinase A and Tyrosine Kinase1. Biology of Reproduction, 2009, 80, 1026-1035.	1.2	64
9	The Physiology of Sperm Recovered from the Human Cervix: Acrosomal Status and Response to Inducers of the Acrosome Reaction1. Biology of Reproduction, 1989, 41, 790-797.	1.2	51
10	Regulation of Sperm Capacitation by the 26S Proteasome: An Emerging New Paradigm in Spermatology1. Biology of Reproduction, 2016, 94, 117.	1.2	47
11	Effect of fibronectin on proteasome activity, acrosome reaction, tyrosine phosphorylation and intracellular calcium concentrations of human sperm. Human Reproduction, 2007, 22, 1420-1430.	0.4	46
12	Extracellular localization of proteasomes in human sperm. Molecular Reproduction and Development, 2004, 68, 115-124.	1.0	42
13	Role of the sperm proteasome during fertilization and gamete interaction in the mouse. Molecular Reproduction and Development, 2005, 71, 209-219.	1.0	40
14	Gonadotropin-Releasing Hormone Increases Ability of the Spermatozoa to Bind to the Human Zona Pellucida1. Biology of Reproduction, 1998, 59, 426-430.	1.2	34
15	Gonadotropin-Releasing Hormone-Stimulated Sperm Binding to the Human Zona Is Mediated by a Calcium Influx1. Biology of Reproduction, 2000, 63, 635-642.	1.2	31
16	Acrosomal function of human spermatozoa with normal and abnormal head morphology. Gamete Research, 1989, 24, 59-65.	1.7	27
17	Proteasomal activity in mammalian spermatozoa. Molecular Reproduction and Development, 2004, 69, 87-93.	1.0	26
18	Protein Phosphatases Decrease Their Activity during Capacitation: A New Requirement for This Event. PLoS ONE, 2013, 8, e81286.	1.1	26

#	Article	IF	Citations
19	Determining acrosomal status of the cynomolgus monkey (Macaca fascicularis) sperm by fluorescence microscopy. American Journal of Primatology, 1989, 17, 157-163.	0.8	24
20	A protein phosphatase 1 gamma (PP1Î³) of the human protozoan parasite Trichomonas vaginalis is involved in proliferation and cell attachment to the host cell. International Journal for Parasitology, 2012, 42, 715-727.	1.3	24
21	Studies of lysophospholipids related to the hamster sperm acrosome reaction in vitro. The Journal of Experimental Zoology, 1993, 267, 209-216.	1.4	20
22	Gonadotrophin-releasing hormone antagonists inhibit sperm binding to the human zona pellucida. Human Reproduction, 1999, 14, 2069-2074.	0.4	20
23	Effect of Azorellanone, a Diterpene From Azorella yareta Hauman, on Human Sperm Physiology. Journal of Andrology, 2003, 24, 364-370.	2.0	20
24	Evidences for the presence of chymotrypsin-like activity in human spermatozoa with a role in the acrosome reaction. Molecular Reproduction and Development, 1994, 38, 222-230.	1.0	19
25	Aromatic glycosyl disulfide derivatives: Evaluation of their inhibitory activities against Trypanosoma cruzi. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3576-3579.	1.0	16
26	The activation of the chymotrypsin-like activity of the proteasome is regulated by soluble adenyl cyclase/cAMP/protein kinase A pathway and required for human sperm capacitation. Molecular Human Reproduction, 2019, 25, 587-600.	1.3	16
27	Participation of protein kinases andÂphosphatases in the progesteroneâ€induced acrosome reaction and calcium influx in human spermatozoa. Andrology, 2016, 4, 1073-1083.	1.9	15
28	The Laminin-Induced Acrosome Reaction in Human Sperm Is Mediated by Src Kinases and the Proteasome1. Biology of Reproduction, 2011, 85, 357-366.	1.2	13
29	Fibronectin modulates the endocannabinoid system through the cAMP/PKA pathway during human sperm capacitation. Molecular Reproduction and Development, 2019, 86, 224-238.	1.0	11
30	Inhibition of In Vivo and In Vitro Fertilization in Rodents by Gonadotropin-Releasing Hormone Antagonists1. Biology of Reproduction, 2002, 67, 1360-1365.	1.2	10
31	Proteasome activity and its relationship with protein phosphorylation during capacitation and acrosome reaction in human spermatozoa. Society of Reproduction and Fertility Supplement, 2007, 65, 269-73.	0.2	10
32	Protein Kinase A (PRKA) Activity Is Regulated by the Proteasome at the Onset of Human Sperm Capacitation. Cells, 2021, 10, 3501.	1.8	7
33	N,N'â€“Dithiobisphthalimide, a disulfide aromatic compound, is a potent spermicide agent in humans. Systems Biology in Reproductive Medicine, 2011, 57, 309-317.	1.0	4
34	Human Sperm Capacitation Requires the Inhibition of the Activity of the Serine/Threonine Phosphatase PP2A.. Biology of Reproduction, 2011, 85, 495-495.	1.2	2