

# Judit Castillo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6896603/publications.pdf>

Version: 2024-02-01

26  
papers

1,746  
citations

361296

20  
h-index

580701

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1827  
citing authors

#	ARTICLE	IF	CITATIONS
1	The combined human sperm proteome: cellular pathways and implications for basic and clinical science. <i>Human Reproduction Update</i> , 2014, 20, 40-62.	5.2	231
2	Human Sperm Tail Proteome Suggests New Endogenous Metabolic Pathways. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 330-342.	2.5	189
3	Relationships between human sperm protamines, DNA damage and assisted reproduction outcomes. <i>Reproductive BioMedicine Online</i> , 2011, 23, 724-734.	1.1	188
4	The contribution of human sperm proteins to the development and epigenome of the preimplantation embryo. <i>Human Reproduction Update</i> , 2018, 24, 535-555.	5.2	131
5	Proteomic characterization of the human sperm nucleus. <i>Proteomics</i> , 2011, 11, 2714-2726.	1.3	125
6	Differential RNAs in the sperm cells of asthenozoospermic patients. <i>Human Reproduction</i> , 2012, 27, 1431-1438.	0.4	101
7	High-throughput sperm differential proteomics suggests that epigenetic alterations contribute to failed assisted reproduction. <i>Human Reproduction</i> , 2014, 29, 1225-1237.	0.4	76
8	Acrosin-binding protein (ACRBP) and triosephosphate isomerase (TPI) are good markers to predict boar sperm freezing capacity. <i>Theriogenology</i> , 2013, 80, 443-450.	0.9	74
9	Comparative analysis of boar seminal plasma proteome from different freezability ejaculates and identification of Fibronectin 1 as sperm freezability marker. <i>Andrology</i> , 2015, 3, 345-356.	1.9	72
10	Protamine/DNA Ratios and DNA Damage in Native and Density Gradient Centrifuged Sperm From Infertile Patients. <i>Journal of Andrology</i> , 2011, 32, 324-332.	2.0	66
11	Human sperm chromatin epigenetic potential: genomics, proteomics, and male infertility. <i>Asian Journal of Andrology</i> , 2015, 17, 601.	0.8	65
12	Proteomics and the genetics of sperm chromatin condensation. <i>Asian Journal of Andrology</i> , 2011, 13, 24-30.	0.8	63
13	Sperm nuclear proteome and its epigenetic potential. <i>Andrology</i> , 2014, 2, 326-338.	1.9	55
14	Genomic and proteomic dissection and characterization of the human sperm chromatin. <i>Molecular Human Reproduction</i> , 2014, 20, 1041-1053.	1.3	49
15	Polymorphisms, haplotypes and mutations in the protamine 1 and 2 genes. <i>Journal of Developmental and Physical Disabilities</i> , 2011, 34, 470-485.	3.6	41
16	The effect of tetrabromobisphenol A on protamine content and DNA integrity in mouse spermatozoa. <i>Andrology</i> , 2014, 2, 910-917.	1.9	34
17	Proteomic Changes in Human Sperm During Sequential in vitro Capacitation and Acrosome Reaction. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 295.	1.8	34
18	Sperm acquire epididymis-derived proteins through epididymosomes. <i>Human Reproduction</i> , 2022, 37, 651-668.	0.4	34

#	ARTICLE	IF	CITATIONS
19	Human Testis Phosphoproteome Reveals Kinases as Potential Targets in Spermatogenesis and Testicular Cancer. <i>Molecular and Cellular Proteomics</i> , 2019, 18, S132-S144.	2.5	26
20	Mammalian Sperm Protamine Extraction and Analysis: A Step-By-Step Detailed Protocol and Brief Review of Protamine Alterations. <i>Protein and Peptide Letters</i> , 2018, 25, 424-433.	0.4	22
21	Methodological advances in sperm proteomics. <i>Human Fertility</i> , 2010, 13, 263-267.	0.7	21
22	Characterization of Human Sperm Protamine Proteoforms through a Combination of Top-Down and Bottom-Up Mass Spectrometry Approaches. <i>Journal of Proteome Research</i> , 2020, 19, 221-237.	1.8	16
23	Identification of a complex population of chromatin-associated proteins in the European sea bass ( <i>Dicentrarchus labrax</i> ) sperm. <i>Systems Biology in Reproductive Medicine</i> , 2018, 64, 502-517.	1.0	12
24	Sperm Nucleoproteins. , 2011, , 45-60.		11
25	Protamine Characterization by Top-Down Proteomics: Boosting Proteoform Identification with DBSCAN. <i>Proteomes</i> , 2021, 9, 21.	1.7	7
26	Histone H4 acetylation is dysregulated in active seminiferous tubules adjacent to testicular tumours. <i>Human Reproduction</i> , 2022, 37, 1712-1726.	0.4	3