

# Maria Gracia Gervasi

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,016  
citations

471509

17  
h-index

477307

29  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular changes and signaling events occurring in spermatozoa during epididymal maturation. <i>Andrology</i> , 2017, 5, 204-218.	3.5	178
2	Chang's meaning of capacitation: A molecular perspective. <i>Molecular Reproduction and Development</i> , 2016, 83, 860-874.	2.0	115
3	The tyrosine kinase FER is responsible for the capacitation-associated increase in tyrosine phosphorylation in murine sperm. <i>Development (Cambridge)</i> , 2016, 143, 2325-33.	2.5	74
4	The endocannabinoid system in bull sperm and bovine oviductal epithelium: role of anandamide in sperm-oviduct interaction. <i>Reproduction</i> , 2009, 137, 403-414.	2.6	61
5	Anandamide Capacitates Bull Spermatozoa through CB1 and TRPV1 Activation. <i>PLoS ONE</i> , 2011, 6, e16993.	2.5	54
6	Metabolic changes in mouse sperm during capacitation. <i>Biology of Reproduction</i> , 2020, 103, 791-801.	2.7	50
7	Interaction between Lysophosphatidic Acid, Prostaglandins and the Endocannabinoid System during the Window of Implantation in the Rat Uterus. <i>PLoS ONE</i> , 2012, 7, e46059.	2.5	42
8	The actin cytoskeleton of the mouse sperm flagellum is organized in a helical structure. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	37
9	Testis-specific serine kinase protein family in male fertility and as targets for non-hormonal male contraception. <i>Biology of Reproduction</i> , 2020, 103, 264-274.	2.7	35
10	Anandamide Induces Sperm Release from Oviductal Epithelia through Nitric Oxide Pathway in Bovines. <i>PLoS ONE</i> , 2012, 7, e30671.	2.5	34
11	Disruption of protein kinase A localization induces acrosomal exocytosis in capacitated mouse sperm. <i>Journal of Biological Chemistry</i> , 2018, 293, 9435-9447.	3.4	32
12	Transient Sperm Starvation Improves the Outcome of Assisted Reproductive Technologies. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 262.	3.7	32
13	Semi-automatized segmentation method using image-based flow cytometry to study sperm physiology: the case of capacitation-induced tyrosine phosphorylation. <i>Molecular Human Reproduction</i> , 2018, 24, 64-73.	2.8	29
14	Capacitation increases glucose consumption in murine sperm. <i>Molecular Reproduction and Development</i> , 2020, 87, 1037-1047.	2.0	27
15	Anandamide Levels Fluctuate in the Bovine Oviduct during the Oestrous Cycle. <i>PLoS ONE</i> , 2013, 8, e72521.	2.5	25
16	Epithelial cadherin is present in bovine oviduct epithelial cells and gametes, and is involved in fertilization-related events. <i>Theriogenology</i> , 2014, 81, 1189-1206.	2.1	23
17	Cyclic AMP efflux, via MRPs and A1 adenosine receptors, is critical for bovine sperm capacitation. <i>Molecular Human Reproduction</i> , 2014, 20, 89-99.	2.8	23
18	Sperm Release From the Oviductal Epithelium Depends on Ca <sup>2+</sup> Influx Upon Activation of CB1 and TRPV1 by Anandamide. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 320-333.	2.6	18

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19	Super-resolution imaging of live sperm reveals dynamic changes of the actin cytoskeleton during acrosomal exocytosis. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	17
20	Changes in Protein O-GlcNAcylation During Mouse Epididymal Sperm Maturation. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 60.	3.7	15
21	C2CD6 regulates targeting and organization of the CatSper calcium channel complex in sperm flagella. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	15
22	Sperm capacitation is associated with phosphorylation of the testis-specific radial spoke protein RspH6. <i>Biology of Reproduction</i> , 2019, 100, 440-454.	2.7	14
23	TSSK3, a novel target for male contraception, is required for spermiogenesis. <i>Molecular Reproduction and Development</i> , 2021, 88, 718-730.	2.0	12
24	Human Sperm Remain Motile After a Temporary Energy Restriction but do Not Undergo Capacitation-Related Events. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 777086.	3.7	11
25	Extracellular Vesicles, the Road toward the Improvement of ART Outcomes. <i>Animals</i> , 2020, 10, 2171.	2.3	10
26	Fibronectin induces capacitation-associated events through the endocannabinoid system in bull sperm. <i>Theriogenology</i> , 2020, 153, 91-101.	2.1	10
27	Cdc42 localized in the CatSper signaling complex regulates cAMP-dependent pathways in mouse sperm. <i>FASEB Journal</i> , 2021, 35, e21723.	0.5	8
28	Deficient spermiogenesis in mice lacking Rlim. <i>ELife</i> , 2021, 10, .	6.0	7
29	Caput Ligation Renders Immature Mouse Sperm Motile and Capable to Undergo cAMP-Dependent Phosphorylation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10241.	4.1	4