

Miranda L Bernhardt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/202870/publications.pdf>

Version: 2024-02-01

17
papers

668
citations

759233

12
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc Sparks Are Triggered by Fertilization and Facilitate Cell Cycle Resumption in Mammalian Eggs. ACS Chemical Biology, 2011, 6, 716-723.	3.4	184
2	A Zinc-Dependent Mechanism Regulates Meiotic Progression in Mammalian Oocytes. Biology of Reproduction, 2012, 86, 114.	2.7	84
3	Zinc Requirement During Meiosis – Meiosis II Transition in Mouse Oocytes Is Independent of the MOS-MAPK Pathway. Biology of Reproduction, 2011, 84, 526-536.	2.7	77
4	Oviductal estrogen receptor α signaling prevents protease-mediated embryo death. ELife, 2015, 4, e10453.	6.0	67
5	Zinc Maintains Prophase I Arrest in Mouse Oocytes Through Regulation of the MOS-MAPK Pathway. Biology of Reproduction, 2012, 87, 11, 1-12.	2.7	44
6	TRPM7 and Ca _v 3.2 channels mediate Ca ²⁺ influx required for egg activation at fertilization. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10370-E10378.	7.1	40
7	Ca _v 3.2 T-type channels mediate Ca ²⁺ entry during oocyte maturation and following fertilization. Journal of Cell Science, 2015, 128, 4442-52.	2.0	36
8	Estrogen Actions in the Male Reproductive System Involve Estrogen Response Element-Independent Pathways. Endocrinology, 2008, 149, 6198-6206.	2.8	33
9	Store-operated Ca ²⁺ entry is not required for fertilization-induced Ca ²⁺ signaling in mouse eggs. Cell Calcium, 2017, 65, 63-72.	2.4	33
10	Mediator complex component MED13 regulates zygotic genome activation and is required for postimplantation development in the mouse. Biology of Reproduction, 2018, 98, 449-464.	2.7	23
11	Transducin-Like Enhancer of Split-6 (TLE6) Is a Substrate of Protein Kinase A Activity During Mouse Oocyte Maturation. Biology of Reproduction, 2014, 90, 63.	2.7	21
12	Association of the Protein D and Protein E Forms of Rat CRISP1 with Epididymal Sperm. Biology of Reproduction, 2008, 79, 1046-1053.	2.7	16
13	Regulator of G-protein signaling 2 (RGS2) suppresses premature calcium release in mouse eggs. Development (Cambridge), 2015, 142, 2633-40.	2.5	8
14	Mouse strain-dependent egg factors regulate calcium signals at fertilization. Molecular Reproduction and Development, 2020, 87, 284-292.	2.0	1
15	Triangle Consortium for Reproductive Biology 22nd Annual Meeting. Molecular Reproduction and Development, 2013, 80, 504-507.	2.0	0
16	TRANSCRIPTIONAL REGULATION OF CYP26B1 IN A MOUSE SERTOLI CELL LINE. Biology of Reproduction, 2007, 77, 133-133.	2.7	0
17	Ca _v 3.2 T-type channels mediate Ca ²⁺ entry during oocyte maturation and following fertilization. Development (Cambridge), 2015, 142, e1.2-e1.2.	2.5	0