Ahmed Ziyyat

List of Publications by Year
in descending order

41	1,779	304743 22	289244 40
papers	citations	h-index	g-index

49	49	49	2088
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	H19acts as a trans regulator of the imprinted gene network controlling growth in mice. Development (Cambridge), 2009, 136, 3413-3421.	2.5	321
2	Reduced fertility of female mice lacking CD81. Developmental Biology, 2006, 290, 351-358.	2.0	182
3	The molecular players of spermâ€“egg fusion in mammals. Seminars in Cell and Developmental Biology, 2006, 17, 254-263.	5.0	142
4	CD9 controls the formation of clusters that contain tetraspanins and the integrin Î±6Î²1, which are involved in human and mouse gamete fusion. Journal of Cell Science, 2006, 119, 416-424.	2.0	121
5	CD9 tetraspanin generates fusion competent sites on the egg membrane for mammalian fertilization. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10946-10951.	7.1	95
6	Tubulin glycylation controls axonemal dynein activity, flagellar beat, and male fertility. Science, 2021, 371, .	12.6	84
7	Transfer of oocyte membrane fragments to fertilizing spermatozoa. FASEB Journal, 2007, 21, 3446-3449.	0.5	72
8	Binding of sperm protein Izumo1 and its egg receptor Juno drives Cd9 accumulation in the intercellular contact area prior to fusion during mammalian fertilization. Development (Cambridge), 2014, 141, 3732-3739.	2.5	66
9	Sperm SPACA6 protein is required for mammalian Sperm-Egg Adhesion/Fusion. Scientific Reports, 2020, 10, 5335.	3.3	63
10	Mutations in TTC29, Encoding an Evolutionarily Conserved Axonemal Protein, Result in Asthenozoospermia and Male Infertility. American Journal of Human Genetics, 2019, 105, 1148-1167.	6.2	44
11	Differential gene expression in pre-implantation embryos from mouse oocytes injected with round spermatids or spermatozoa. Human Reproduction, 2001, 16, 1449-1456.	0.9	43
12	Seminal leukocytes are Good Samaritans for spermatozoa. Fertility and Sterility, 2011, 96, 1315-1319.	1.0	43
13	Membrane transfer from oocyte to sperm occurs in two CD9-independent ways that do not supply the fertilising ability of Cd9-deleted oocytes. Reproduction, 2012, 144, 53-66.	2.6	42
14	Cholesterol Depletion Disorganizes Oocyte Membrane Rafts Altering Mouse Fertilization. PLoS ONE, 2013, 8, e62919.	2.5	42
15	Alpha6beta1 integrin expressed by sperm is determinant in mouse fertilization. BMC Developmental Biology, 2007, 7, 102.	2.1	41
16	Effect of induced peritoneal endometriosis on oocyte and embryo quality in a mouse model. Journal of Assisted Reproduction and Genetics, 2015, 32, 263-270.	2.5	36
17	Flow cytometric method to isolate round spermatids from mouse testis. Human Reproduction, 1999, 14, 388-394.	0.9	34
18	Spermatogenetic inhibition in men taking a combination of oral medroxyprogesterone acetate and percutaneous testosterone as a male contraceptive method. Human Reproduction, 2011, 26, 1708-1714.	0.9	34

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19	Paradoxical increase of sperm motility and seminal carnitine associated with moderate leukocytospermia in infertile patients. Fertility and Sterility, 2008, 90, 2257-2263.	1.0	32
20	JUNO, the receptor of sperm IZUMO1, is expressed by the human oocyte and is essential for human fertilisation. Human Reproduction, 2019, 34, 118-126.	0.9	30
21	Role of sperm Î±vÎ²3 integrin in mouse fertilization. Developmental Dynamics, 2010, 239, 773-783.	1.8	27
22	Short gamete co-incubation during in vitro fertilization decreases the fertilization rate and does not improve embryo quality: a prospective auto controlled study. Journal of Assisted Reproduction and Genetics, 2008, 25, 305-310.	2.5	25
23	The cell biology of fertilization: Gamete attachment and fusion. Journal of Cell Biology, 2021, 220, .	5.2	22
24	Spermâ€egg interaction: is there a link between tetraspanin(s) and GPIâ€anchored protein(s)?. BioEssays, 2010, 32, 143-152.	2.5	20
25	Polymorphisms of Human Placental Alkaline Phosphatase Are Associated with inÂVitro Fertilization Success and Recurrent Pregnancy Loss. American Journal of Pathology, 2014, 184, 362-368.	3.8	19
26	Tetraspanins and Mouse Oocyte Microvilli Related to Fertilizing Ability. Reproductive Sciences, 2017, 24, 1062-1069.	2.5	19
27	Mapping Mouse Gamete Interaction Forces Reveal Several Oocyte Membrane Regions with Different Mechanical and Adhesive Properties. Langmuir, 2008, 24, 1451-1458.	3.5	16
28	Refined Mapping of a Quantitative Trait Locus on Chromosome 1 Responsible for Mouse Embryonic Death. PLoS ONE, 2012, 7, e43356.	2.5	12
29	Partial Sperm beta1 Integrin Subunit Deletion Proves Its Involvement in Mouse Gamete Adhesion/Fusion. International Journal of Molecular Sciences, 2020, 21, 8494.	4.1	9
30	Deletion of the Spata3 Gene Induces Sperm Alterations and In Vitro Hypofertility in Mice. International Journal of Molecular Sciences, 2021, 22, 1959.	4.1	9
31	ZP2 heterozygous mutation in an infertile woman. Human Genetics, 2017, 136, 1489-1491.	3.8	7
32	Cyclic QDE peptide increases fertilization rates and provides healthy pups in mouse. Fertility and Sterility, 2009, 91, 2110-2115.	1.0	6
33	Growth arrest specific 1 (Gas1) and glial cell line-derived neurotrophic factor receptor Î±1 (GfrÎ±1), two mouse oocyte glycosylphosphatidylinositol-anchored proteins, are involved in fertilisation. Reproduction, Fertility and Development, 2017, 29, 824.	0.4	3
34	Cyclic FEE Peptide Improves Human Sperm Movement Parameters without Modification of Their Energy Metabolism. International Journal of Molecular Sciences, 2021, 22, 11263.	4.1	3
35	Oocyte ERM and EWI Proteins Are Involved in Mouse Fertilization. Frontiers in Cell and Developmental Biology, 2022, 10, 863729.	3.7	3
36	Identification of a New QTL Region on Mouse Chromosome 1 Responsible for Male Hypofertility: Phenotype Characterization and Candidate Genes. International Journal of Molecular Sciences, 2020, 21, 8506.	4.1	2

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37	P-006 Polymorphisms of placental alkaline phosphatase gene are associated with recurrent pregnancy loss. Thrombosis Research, 2013, 131, S78.	1.7	0
38	Lâ€™interaction gamÃ©tique au cours de la fÃ©condation. , 2011, , 53-62.		0
39	SESSION 57: THE BIOLOGY OF FERTILIZATION: THE CONSEQUENCES OF GAMETE INTERACTION. Human Reproduction, 2012, 27, ii82-ii82.	0.9	0
40	A fertilin-derived peptide improves in vitro maturation and ploidy of human oocytes. F&S Science, 2021, 3, 21-28.	0.9	0
41	Cyclic fertilin-derived peptide stimulates inÂvitro human embryo development. F&S Science, 2022, 3, 49-63.	0.9	0