

Esther B Baart

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3646093/publications.pdf>

Version: 2024-02-01

34
papers

2,311
citations

394421

19
h-index

395702

33
g-index

35
all docs

35
docs citations

35
times ranked

2047
citing authors

#	ARTICLE	IF	CITATIONS
1	Milder ovarian stimulation for in-vitro fertilization reduces aneuploidy in the human preimplantation embryo: a randomized controlled trial. <i>Human Reproduction</i> , 2007, 22, 980-988.	0.9	500
2	Preimplantation genetic screening reveals a high incidence of aneuploidy and mosaicism in embryos from young women undergoing IVF. <i>Human Reproduction</i> , 2006, 21, 223-233.	0.9	285
3	Chromosomal Influence on Meiotic Spindle Assembly: Abnormal Meiosis I in Female <i>mlh1</i> Mutant Mice. <i>Journal of Cell Biology</i> , 1999, 145, 1395-1406.	5.2	194
4	The clinical significance of the retrieval of a low number of oocytes following mild ovarian stimulation for IVF: a meta-analysis. <i>Human Reproduction Update</i> , 2008, 15, 5-12.	10.8	187
5	Sperm-derived histones contribute to zygotic chromatin in humans. <i>BMC Developmental Biology</i> , 2008, 8, 34.	2.1	155
6	The fate of the mosaic embryo: chromosomal constitution and development of Day 4, 5 and 8 human embryos. <i>Human Reproduction</i> , 2010, 25, 1916-1926.	0.9	103
7	Paternal heterochromatin formation in human embryos is H3K9/HP1 directed and primed by sperm-derived histone modifications. <i>Nature Communications</i> , 2014, 5, 5868.	12.8	101
8	In vitro capture and characterization of embryonic rosette-stage pluripotency between naive and primed states. <i>Nature Cell Biology</i> , 2020, 22, 534-545.	10.3	91
9	Fluorescence in situ hybridization analysis of two blastomeres from day 3 frozen-thawed embryos followed by analysis of the remaining embryo on day 5. <i>Human Reproduction</i> , 2004, 19, 685-693.	0.9	87
10	Obestatin Induction of Early-Response Gene Expression in Gastrointestinal and Adipose Tissues and the Mediator Role of G Protein-Coupled Receptor, GPR39. <i>Molecular Endocrinology</i> , 2008, 22, 1464-1475.	3.7	85
11	Diazepam induces meiotic delay, aneuploidy and predivision of homologues and chromatids in mammalian oocytes. <i>Mutagenesis</i> , 1998, 13, 567-580.	2.6	67
12	Parental origin of chromatin in human monopronuclear zygotes revealed by asymmetric histone methylation patterns, differs between IVF and ICSI. <i>Molecular Reproduction and Development</i> , 2009, 76, 101-108.	2.0	62
13	A role for Aurora C in the chromosomal passenger complex during human preimplantation embryo development. <i>Human Reproduction</i> , 2011, 26, 1868-1881.	0.9	58
14	Confined placental mosaicism and the association with pregnancy outcome and fetal growth: a review of the literature. <i>Human Reproduction Update</i> , 2021, 27, 885-903.	10.8	56
15	FISH analysis of 15 chromosomes in human day 4 and 5 preimplantation embryos: the added value of extended aneuploidy detection. <i>Prenatal Diagnosis</i> , 2007, 27, 55-63.	2.3	40
16	Distribution of Atr protein in primary spermatocytes of a mouse chromosomal mutant: a comparison of preparation techniques. <i>Chromosoma</i> , 2000, 109, 139-147.	2.2	33
17	Mechanisms of spontaneous and chemically-induced aneuploidy in mammalian oogenesis: Basis of sex-specific differences in response to aneugens and the necessity for further tests. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 372, 279-294.	1.0	28
18	Ovarian stimulation and embryo quality. <i>Reproductive BioMedicine Online</i> , 2009, 18, S45-S50.	2.4	26

#	ARTICLE	IF	CITATIONS
19	Screening for aneuploidies of ten different chromosomes in two rounds of FISH: a short and reliable protocol. <i>Prenatal Diagnosis</i> , 2004, 24, 955-961.	2.3	24
20	Meiotic arrest occurs most frequently at metaphase and is often incomplete in azoospermic men. <i>Fertility and Sterility</i> , 2019, 112, 1059-1070.e3.	1.0	17
21	Reduced oocyte activation and first cleavage rate after ICSI with spermatozoa from a sterile mouse chromosome mutant. <i>Human Reproduction</i> , 2004, 19, 1140-1147.	0.9	16
22	Preconceptional Maternal Vegetable Intake and Paternal Smoking Are Associated with Pre-implantation Embryo Quality. <i>Reproductive Sciences</i> , 2020, 27, 2018-2028.	2.5	13
23	The influence of frozen-thawed and fresh embryo transfer on utero-placental (vascular) development: the Rotterdam Periconception cohort. <i>Human Reproduction</i> , 2021, 36, 2091-2100.	0.9	13
24	A higher preconceptional paternal body mass index influences fertilization rate and preimplantation embryo development. <i>Andrology</i> , 2022, 10, 486-494.	3.5	11
25	Chromosome segregation regulation in human zygotes: altered mitotic histone phosphorylation dynamics underlying centromeric targeting of the chromosomal passenger complex. <i>Human Reproduction</i> , 2015, 30, 2275-2291.	0.9	10
26	A universal method for sequential immunofluorescent analysis of chromatin and chromatin-associated proteins on chromosome spreads. <i>Chromosome Research</i> , 2013, 21, 475-489.	2.2	9
27	Round Spermatid Injection Rescues Female Lethality of a Paternally Inherited Xist Deletion in Mouse. <i>PLoS Genetics</i> , 2016, 12, e1006358.	3.5	7
28	Higher preconceptional maternal body mass index is associated with faster early preimplantation embryonic development: the Rotterdam periconception cohort. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 145.	3.3	6
29	Longitudinal surface measurements of human blastocysts show that the dynamics of blastocoel expansion are associated with fertilization method and ongoing pregnancy. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 53.	3.3	6
30	Chromosomes in early human embryo development. , 2014, , 52-67.		5
31	The impact of the origin of surgical sperm retrieval on placental and embryonic development: The Rotterdam Periconception cohort. <i>Andrology</i> , 2021, 9, 599-609.	3.5	5
32	Prenatal growth trajectories and birth outcomes after frozen-thawed extended culture embryo transfer and fresh embryo transfer: the Rotterdam Periconception Cohort. <i>Reproductive BioMedicine Online</i> , 2021, 43, 279-287.	2.4	4
33	The Impact of Culture Medium on Morphokinetics of Cleavage Stage Embryos: An Observational Study. <i>Reproductive Sciences</i> , 2022, 29, 2179-2189.	2.5	4
34	Physosmotic Induction of Chondrogenic Maturation Is TGF- β 2 Dependent and Enhanced by Calcineurin Inhibitor FK506. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5110.	4.1	3