Rita Vassena

List of Publications by Year
in descending order

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102 papers	5,928 citations	126907 33 h-index	76900 74 g-index
108 all docs	108 docs citations	108 times ranked	7019 citing authors

#	Article	IF	Citations
1	A microfluidic sperm-sorting device reduces the proportion of sperm with double-stranded DNA fragmentation. Zygote, 2022, 30, 200-205.	1.1	19
2	How long can the sperm wait? Effect of incubation time on ICSI outcomes. Molecular Reproduction and Development, 2022, 89, 133-145.	2.0	3
3	Trophoblast attachment to the endometrial epithelium elicits compartment-specific transcriptional waves in an in-vitro model. Reproductive BioMedicine Online, 2021, 42, 26-38.	2.4	5
4	Undetectable viral RNA in oocytes from SARS-CoV-2 positive women. Human Reproduction, 2021, 36, 390-394.	0.9	50
5	The ethics of preconception expanded carrier screening in patients seeking assisted reproduction. Human Reproduction Open, 2021, 2021, hoaa063.	5.4	14
6	Altered mitochondrial function in spermatozoa from patients with repetitive fertilization failure after ICSI revealed by proteomics. Andrology, 2021, 9, 1192-1204.	3.5	10
7	Shared aspects of mRNA expression associated with oocyte maturation failure in humans and rhesus monkeys indicating compromised oocyte quality. Physiological Genomics, 2021, 53, 137-149.	2.3	5
8	Single human oocyte transcriptome analysis reveals distinct maturation stageâ€dependent pathways impacted by age. Aging Cell, 2021, 20, e13360.	6.7	43
9	Sperm donation: an alternative to improve post-ICSI live birth rates in advanced maternal age patients. Human Reproduction, 2021, 36, 2148-2156.	0.9	5
10	#ESHREjc report: ovarian stimulation practice after the OPTIMIST trial and evidence-based medicine. Human Reproduction, 2021, 36, 2808-2810.	0.9	0
11	Reproductive Outcomes in Lesbian Couples Undergoing Reception of Oocytes from Partner Versus Autologous In Vitro Fertilization/Intracytoplasmic Sperm Injection. LGBT Health, 2021, 8, 367-371.	3.4	11
12	Human oocyte meiotic maturation is associated with a specific profile of alternatively spliced transcript isoforms. Molecular Reproduction and Development, 2021, 88, 605-617.	2.0	4
13	The human sperm basal body is a complex centrosome important for embryo preimplantation development. Molecular Human Reproduction, 2021, 27, .	2.8	22
14	Barriers and factors associated with significant delays to initial consultation and treatment for infertile patients and partners of infertile patients. Reproductive BioMedicine Online, 2021, 43, 1126-1136.	2.4	10
15	Assisted oocyte activation effects on the morphokinetic pattern of derived embryos. Journal of Assisted Reproduction and Genetics, 2021, 38, 531-537.	2.5	8
16	Single women and motherhood: right now or maybe later?. Journal of Psychosomatic Obstetrics and Gynaecology, 2020, 41, 69-73.	2.1	3
17	Identification of research priorities in infertility and assisted reproduction: an international, multicentre study. Reproductive BioMedicine Online, 2020, 40, 238-244.	2.4	2
18	Mapping research in assisted reproduction worldwide. Reproductive BioMedicine Online, 2020, 40, 71-81.	2.4	7

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19	Efficiency and efficacy of vitrification in 35â€‰654 sibling oocytes from donation cycles. Human Reproduction, 2020, 35, 2262-2271.	0.9	26
20	A freeze-all strategy does not increase live birth rates in women of advanced reproductive age. Journal of Assisted Reproduction and Genetics, 2020, 37, 2443-2451.	2.5	5
21	Oxidative Stress in Reproduction: A Mitochondrial Perspective. Biology, 2020, 9, 269.	2.8	36
22	Exploring the pros and cons of new approaches for gamete cross-border donation based on fresh and vitrified oocytes. Facts, Views & Vision in ObGyn, 2020, 12, 111-118.	1.1	1
23	Could fertility clinics offer a sizable improvement of live birth rates by maturing post-GVBD oocytes in vitro?. Journal of Assisted Reproduction and Genetics, 2019, 36, 1927-1934.	2.5	13
24	Novel phospholipase C zeta 1 mutations associated with fertilization failures after ICSI. Human Reproduction, 2019, 34, 1494-1504.	0.9	50
25	Comparison of two different oocyte vitrification methods: a prospective, paired study on the same genetic background and stimulation protocol. Human Reproduction, 2019, 34, 989-997.	0.9	16
26	Altered cytoplasmic maturation in rescued in vitro matured oocytes. Human Reproduction, 2019, 34, 1095-1105.	0.9	24
27	A follow-up study of the long-term satisfaction, reproductive experiences, and self-reported health status of oocyte donors in Spain. European Journal of Contraception and Reproductive Health Care, 2019, 24, 227-232.	1.5	9
28	Two decades of embryonic stem cells: a historical overview. Human Reproduction Open, 2019, 2019, hoy024.	5.4	59
29	Transcriptomic analysis of the interaction of choriocarcinoma spheroids with receptive vs. non-receptive endometrial epithelium cell lines: an in vitro model for human implantation. Journal of Assisted Reproduction and Genetics, 2019, 36, 857-873.	2.5	13
30	Medroxyprogesterone acetate versus ganirelix in oocyte donation: a randomized controlled trial. Human Reproduction, 2019, 34, 872-880.	0.9	64
31	Reply: The transnational fresh oocyte donation. Should it be the first choice when implementing an egg donation program in countries with low availability of donors?. Human Reproduction, 2019, 34, 2552-2553.	0.9	0
32	Vaginal microbiota profile at the time of embryo transfer does not affect live birth rate in IVF cycles with donated oocytes. Reproductive BioMedicine Online, 2019, 38, 883-891.	2.4	27
33	A novel transnational fresh oocyte donation (TOD) program based on transport of frozen sperm and embryos. Human Reproduction, 2019, 34, 285-290.	0.9	17
34	Insights of the tubulin code in gametes and embryos: from basic research to potential clinical applications in humansâ€. Biology of Reproduction, 2019, 100, 575-589.	2.7	13
35	Is there a relation between the time to ICSI and the reproductive outcomes?. Human Reproduction, 2018, 33, 797-806.	0.9	40
36	Is there an association between PAWP/WBP2NL sequence, expression, and distribution in sperm cells and fertilization failures in ICSI cycles?. Molecular Reproduction and Development, 2018, 85, 163-170.	2.0	3

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37	Sperm telomere length in donor samples is not related to ICSI outcome. Journal of Assisted Reproduction and Genetics, 2018, 35, 649-657.	2.5	23
38	Revisiting the association between smoking and female fertility using the oocyte donation model. Reproductive BioMedicine Online, 2018, 37, 564-572.	2.4	6
39	Knowledge of age-related fertility decline in women: A systematic review. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2018, 230, 109-118.	1.1	49
40	Actions to increase knowledge about age-related fertility decline in women. European Journal of Contraception and Reproductive Health Care, 2018, 23, 371-378.	1.5	5
41	Oocyte developmental competence is independent of ovarian reserve in women younger than 35 years. Reproductive BioMedicine Online, 2018, 37, 677-684.	2.4	4
42	Functional Analysis of Human Pathological Semen Samples in an Oocyte Cytoplasmic Ex Vivo System. Scientific Reports, 2018, 8, 15348.	3.3	3
43	High reliability of morphokinetic annotations among embryologists. Human Reproduction Open, 2018, 2018, hoy009.	5.4	10
44	Risk of pre-eclampsia after fresh or frozen embryo transfer in patients undergoing oocyte donation. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2018, 227, 27-31.	1.1	12
45	Risk of preeclampsia in pregnancies resulting from double gamete donation and from oocyte donation alone. Pregnancy Hypertension, 2018, 13, 133-137.	1.4	14
46	WBP2NL/PAWP mRNA and protein expression in sperm cells are not related to semen parameters, fertilization rate, or reproductive outcome. Journal of Assisted Reproduction and Genetics, 2017, 34, 803-810.	2.5	12
47	The transcriptome of human oocytes is related to age and ovarian reserve. Molecular Human Reproduction, 2017, 23, 535-548.	2.8	45
48	There is no evidence that the time from egg retrieval to embryo transfer affects live birth rates in a freeze-all strategy. Human Reproduction, 2017, 32, 368-374.	0.9	53
49	Quality of life, anxiety and depression of German, Italian and French couples undergoing cross-border oocyte donation in Spain. Human Reproduction, 2017, 32, 1862-1870.	0.9	25
50	Poor knowledge of age-related fertility decline and assisted reproduction among healthcare professionals. Reproductive BioMedicine Online, 2017, 34, 32-37.	2.4	23
51	Transcriptomics analysis and human preimplantation development. Journal of Proteomics, 2017, 162, 135-140.	2.4	2
52	Oocyte vitrification does not affect early developmental timings after intracytoplasmic sperm injection for women younger than 30 years old. Molecular Reproduction and Development, 2016, 83, 624-629.	2.0	3
53	Genome engineering through CRISPR/Cas9 technology in the human germline and pluripotent stem cells. Human Reproduction Update, 2016, 22, 411-419.	10.8	93
54	Oxidative stress level in fresh ejaculate is not related to semen parameters or to pregnancy rates in cycles with donor oocytes. Journal of Assisted Reproduction and Genetics, 2016, 33, 529-534.	2.5	10

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55	Should we worry about the clock? Relationship between time to ICSI and reproductive outcomes in cycles with fresh and vitrified oocytes. Human Reproduction, 2016, 31, 1182-1191.	0.9	28
56	Endometrial preparation: effect of estrogen dose and administration route on reproductive outcomes in oocyte donation cycles with fresh embryo transfer. Human Reproduction, 2016, 31, 1755-1764.	0.9	37
57	PLCÎ¶ sequence, protein levels, and distribution in human sperm do not correlate with semen characteristics and fertilization rates after ICSI. Journal of Assisted Reproduction and Genetics, 2016, 33, 747-756.	2.5	35
58	Use of donor sperm in addition to oocyte donation after repeated implantation failure in normozoospermic patients does not improve live birth rates. Human Reproduction, 2016, 31, 2549-2553.	0.9	5
59	Characteristics and clinical outcomes of patients undergoing fertility treatment by double gamete donation. Human Fertility, 2016, 19, 180-185.	1.7	12
60	Evidence-based medicine in ART. Human Reproduction, 2016, 32, 256.	0.9	1
61	The why, the how and the when of PGS 2.0: current practices and expert opinions of fertility specialists, molecular biologists, and embryologists. Molecular Human Reproduction, 2016, 22, 845-857.	2.8	116
62	Are we ready to inject? Individualized LC-CUSUM training in ICSI. Journal of Assisted Reproduction and Genetics, 2016, 33, 1009-1015.	2.5	8
63	Is oocyte donation a risk factor for preeclampsia? A systematic review and meta-analysis. Journal of Assisted Reproduction and Genetics, 2016, 33, 855-863.	2.5	84
64	Semen residual viral load and reproductive outcomes in HIV-infected men undergoing ICSI after extended semen preparation. Reproductive BioMedicine Online, 2016, 32, 584-590.	2.4	15
65	Increasing fertility knowledge and awareness by tailored education: a randomized controlled trial. Reproductive BioMedicine Online, 2016, 32, 113-120.	2.4	56
66	Effect of ribonucleic acid (RNA) isolation methods on putative reference genes messenger RNA abundance in human spermatozoa. Andrology, 2015, 3, 797-804.	3.5	17
67	PLCÎ¶ disruption with complete fertilization failure in normozoospermia. Journal of Assisted Reproduction and Genetics, 2015, 32, 879-886.	2.5	17
68	Stem cells in reproductive medicine: ready for the patient?: Figure 1. Human Reproduction, 2015, 30, 2014-2021.	0.9	58
69	Fertility knowledge and awareness in oocyte donors in Spain. Patient Education and Counseling, 2015, 98, 96-101.	2.2	13
70	Influence of Donor, Recipient, and Male Partner Body Mass index on Pregnancy Rates in Oocyte Donation Cycles. Jornal Brasileiro De Reproducao Assistida, 2015, 19, 53-8.	0.7	6
71	Detection of DNA damage in cumulus cells using a chromatin dispersion assay. Systems Biology in Reproductive Medicine, 2015, 61, 277-85.	2.1	11
72	Learning Curves in 3â€Dimensional Sonographic Follicle Monitoring During Controlled Ovarian Stimulation. Journal of Ultrasound in Medicine, 2014, 33, 649-655.	1.7	23

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73	Menstrual cycle length in reproductive age women is an indicator of oocyte quality and a candidate marker of ovarian reserve. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2014, 177, 130-134.	1.1	24
74	Paternal age and assisted reproductive outcomes in ICSI donor oocytes: is there an effect of older fathers?. Human Reproduction, 2014, 29, 2114-2122.	0.9	90
75	Empty follicle syndrome prevalence and management in oocyte donors. Human Reproduction, 2014, 29, 2221-2227.	0.9	34
76	Individualized embryo transfer training: timing and performance. Human Reproduction, 2014, 29, 1432-1437.	0.9	29
77	Training in empathic skills improves the patient-physician relationship during the first consultation in a fertility clinic. Fertility and Sterility, 2013, 99, 1413-1418.e1.	1.0	31
78	Accumulation of instability in serial differentiation and reprogramming of parthenogenetic human cells. Human Molecular Genetics, 2012, 21, 3366-3373.	2.9	9
79	Generation of Feeder-Free Pig Induced Pluripotent Stem Cells without Pou5f1. Cell Transplantation, 2012, 21, 815-825.	2.5	54
80	Complete Meiosis from Human Induced Pluripotent Stem Cells. Stem Cells, 2011, 29, 1186-1195.	3.2	177
81	Waves of early transcriptional activation and pluripotency program initiation during human preimplantation development. Development (Cambridge), 2011, 138, 3699-3709.	2.5	237
82	Reprogramming of Human Fibroblasts to Induced Pluripotent Stem Cells under Xeno-free Conditions Â. Stem Cells, 2010, 28, 36-44.	3.2	92
83	Human and mouse adipose-derived cells support feeder-independent induction of pluripotent stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3558-3563.	7.1	162
84	Early transcription from the maternal genome controlling blastomere integrity in mouse two-cell-stage embryos. American Journal of Physiology - Cell Physiology, 2010, 298, C1235-C1244.	4.6	8
85	Generation of mouse-induced pluripotent stem cells by transient expression of a single nonviral polycistronic vector. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8918-8922.	7.1	235
86	The Unfolded Protein Response Contributes to Preimplantation Mouse Embryo Death in the DDK Syndrome1. Biology of Reproduction, 2009, 80, 944-953.	2.7	29
87	Disease-corrected haematopoietic progenitors from Fanconi anaemia induced pluripotent stem cells. Nature, 2009, 460, 53-59.	27.8	660
88	Generation of Induced Pluripotent Stem Cells from Human Cord Blood Using OCT4 and SOX2. Cell Stem Cell, 2009, 5, 353-357.	11.1	392
89	Efficient and rapid generation of induced pluripotent stem cells from human keratinocytes. Nature Biotechnology, 2008, 26, 1276-1284.	17.5	1,275
90	Role of glucose in cloned mouse embryo development. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E798-E809.	3.5	16

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91	Effects of in vitro oocyte maturation and embryo culture on the expression of glucose transporters, glucose metabolism and insulin signaling genes in rhesus monkey oocytes and preimplantation embryos. Molecular Human Reproduction, 2007, 13, 361-371.	2.8	41
92	Tough beginnings: Alterations in the transcriptome of cloned embryos during the first two cell cycles. Developmental Biology, 2007, 304, 75-89.	2.0	69
93	Deficiency in recapitulation of stage-specific embryonic gene transcription in two-cell stage cloned mouse embryos. Molecular Reproduction and Development, 2007, 74, 1548-1556.	2.0	20
94	Non-equivalence of embryonic and somatic cell nuclei affecting spindle composition in clones. Developmental Biology, 2006, 289, 206-217.	2.0	37
95	Analysis of polysomal mRNA populations of mouse oocytes and zygotes: Dynamic changes in maternal mRNA utilization and function. Developmental Biology, 2006, 298, 155-166.	2.0	70
96	Expression and downregulation of WNT signaling pathway genes in rhesus monkey oocytes and embryos. Molecular Reproduction and Development, 2006, 73, 667-677.	2.0	27
97	Species-dependent expression patterns of DNA methyltransferase genes in mammalian oocytes and preimplantation embryos. Molecular Reproduction and Development, 2005, 72, 430-436.	2.0	83
98	Role of Adenosine Triphosphate, Active Mitochondria, and Microtubules in the Acquisition of Developmental Competence of Parthenogenetically Activated Pig Oocytes1. Biology of Reproduction, 2005, 72, 1218-1223.	2.7	149
99	Role of Intracellular Cyclic Adenosine 3â€²,5â€²-Monophosphate Concentration and Oocyte-Cumulus Cells Communications on the Acquisition of the Developmental Competence During In Vitro Maturation of Bovine Oocyte1. Biology of Reproduction, 2004, 70, 465-472.	2.7	132
100	Changes in ovarian, follicular, and oocyte morphology immediately after the onset of puberty are not accompanied by an increase in oocyte developmental competence in the pig. Theriogenology, 2004, 62, 1003-1011.	2.1	33
101	Morphology and developmental competence of bovine oocytes relative to follicular status. Theriogenology, 2003, 60, 923-932.	2.1	95
102	Ultrasound image characteristics of ovarian follicles in relation to oocyte competence and follicular status in cattle. Animal Reproduction Science, 2003, 76, 25-41.	1.5	39