

Samir Hamamah

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

2,867
citations

27
h-index

53
g-index

82
ext. papers

3,286
ext. citations

4.3
avg, IF

4.64
L-index

#	Paper	IF	Citations
55	A meta-analysis of human embryonic stem cells transcriptome integrated into a web-based expression atlas. <i>Stem Cells</i> , 2007 , 25, 961-73	5.8	276
54	The human cumulus-oocyte complex gene-expression profile. <i>Human Reproduction</i> , 2006 , 21, 1705-19	5.7	232
53	Gene expression profile of human endometrial receptivity: comparison between natural and stimulated cycles for the same patients. <i>Human Reproduction</i> , 2009 , 24, 1436-45	5.7	172
52	A non-invasive test for assessing embryo potential by gene expression profiles of human cumulus cells: a proof of concept study. <i>Molecular Human Reproduction</i> , 2008 , 14, 711-9	4.4	157
51	Human cumulus cells as biomarkers for embryo and pregnancy outcomes. <i>Molecular Human Reproduction</i> , 2010 , 16, 531-8	4.4	156
50	Identification of new biomarkers of human endometrial receptivity in the natural cycle. <i>Human Reproduction</i> , 2009 , 24, 198-205	5.7	128
49	A gene expression signature shared by human mature oocytes and embryonic stem cells. <i>BMC Genomics</i> , 2009 , 10, 10	4.5	99
48	Controlled ovarian hyperstimulation for in vitro fertilization alters endometrial receptivity in humans: protocol effects. <i>Biology of Reproduction</i> , 2010 , 82, 679-86	3.9	93
47	Identifying new human oocyte marker genes: a microarray approach. <i>Reproductive BioMedicine Online</i> , 2007 , 14, 175-83	4	91
46	Insights into human endometrial receptivity from transcriptomic and proteomic data. <i>Reproductive BioMedicine Online</i> , 2012 , 24, 23-34	4	83
45	Dynamic changes in gene expression during human early embryo development: from fundamental aspects to clinical applications. <i>Human Reproduction Update</i> , 2011 , 17, 272-90	15.8	81
44	MicroRNAs: new candidates for the regulation of the human cumulus-oocyte complex. <i>Human Reproduction</i> , 2013 , 28, 3038-49	5.7	70
43	Transcriptome analysis reveals dialogues between human trophectoderm and endometrial cells during the implantation period. <i>Human Reproduction</i> , 2011 , 26, 1440-9	5.7	69
42	Altered gene expression profile in cumulus cells of mature MII oocytes from patients with polycystic ovary syndrome. <i>Human Reproduction</i> , 2012 , 27, 3523-30	5.7	61
41	Dissecting the first transcriptional divergence during human embryonic development. <i>Stem Cell Reviews and Reports</i> , 2012 , 8, 150-62	6.4	60
40	Female aging alters expression of human cumulus cells genes that are essential for oocyte quality. <i>BioMed Research International</i> , 2014 , 2014, 964614	3	59
39	Human cumulus cells molecular signature in relation to oocyte nuclear maturity stage. <i>PLoS ONE</i> , 2011 , 6, e27179	3.7	52

38	Circulating microRNAs in follicular fluid, powerful tools to explore in vitro fertilization process. <i>Scientific Reports</i> , 2016 , 6, 24976	4.9	50
37	Differences in transcriptomic profiles of human cumulus cells isolated from oocytes at GV, MI and MII stages after in vivo and in vitro oocyte maturation. <i>Human Reproduction</i> , 2012 , 27, 2438-47	5.7	50
36	Cell-free nucleic acids as non-invasive biomarkers of gynecological cancers, ovarian, endometrial and obstetric disorders and fetal aneuploidy. <i>Human Reproduction Update</i> , 2014 , 20, 905-23	15.8	43
35	Endometrial receptivity profile in patients with premature progesterone elevation on the day of HCG administration. <i>BioMed Research International</i> , 2014 , 2014, 951937	3	40
34	Transcriptome analysis during human trophoctoderm specification suggests new roles of metabolic and epigenetic genes. <i>PLoS ONE</i> , 2012 , 7, e39306	3.7	38
33	Sperm quality and paternal age: effect on blastocyst formation and pregnancy rates. <i>Basic and Clinical Andrology</i> , 2017 , 27, 2	2.8	35
32	Oocytes and early embryos selectively express the survival factor BCL2L10. <i>Journal of Molecular Medicine</i> , 2009 , 87, 923-40	5.5	35
31	Non-invasive pre-implantation genetic diagnosis of X-linked disorders. <i>Medical Hypotheses</i> , 2014 , 83, 506-8	3.8	31
30	Cell-free DNA in human follicular fluid as a biomarker of embryo quality. <i>Human Reproduction</i> , 2014 , 29, 2661-9	5.7	30
29	Comparative gene expression profiling in human cumulus cells according to ovarian gonadotropin treatments. <i>BioMed Research International</i> , 2013 , 2013, 354582	3	25
28	Comparative protein expression profiling in human cumulus cells in relation to oocyte fertilization and ovarian stimulation protocol. <i>Reproductive BioMedicine Online</i> , 2006 , 13, 807-14	4	24
27	LH/hCGR gene expression in human cumulus cells is linked to the expression of the extracellular matrix modifying gene TNFAIP6 and to serum estradiol levels on day of hCG administration. <i>Human Reproduction</i> , 2009 , 24, 2868-78	5.7	23
26	Human S100A10 plays a crucial role in the acquisition of the endometrial receptivity phenotype. <i>Cell Adhesion and Migration</i> , 2016 , 10, 282-98	3.2	20
25	Cell-free DNA in Human Follicular Microenvironment: New Prognostic Biomarker to Predict in vitro Fertilization Outcomes. <i>PLoS ONE</i> , 2015 , 10, e0136172	3.7	20
24	Is cell-free DNA in spent embryo culture medium an alternative to embryo biopsy for preimplantation genetic testing? A systematic review. <i>Reproductive BioMedicine Online</i> , 2020 , 40, 779-798	4	16
23	Customized Frozen Embryo Transfer after Identification of the Receptivity Window with a Transcriptomic Approach Improves the Implantation and Live Birth Rates in Patients with Repeated Implantation Failure. <i>Reproductive Sciences</i> , 2021 , 28, 69-78	3	11
22	Human pluripotent stem cells: from biology to cell therapy. <i>World Journal of Stem Cells</i> , 2010 , 2, 24-33	5.6	9
21	Apolipoprotein B is regulated by gonadotropins and constitutes a predictive biomarker of IVF outcomes. <i>Reproductive Biology and Endocrinology</i> , 2016 , 14, 28	5	9

20	Developmental regulated expression of anti- and pro-apoptotic BCL-2 family genes during human early embryonic development. <i>Current Medicinal Chemistry</i> , 2014 , 21, 1361-9	4.3	7
19	Cell-free and intracellular nucleic acids: new non-invasive biomarkers to explore male infertility. <i>Basic and Clinical Andrology</i> , 2017 , 27, 7	2.8	6
18	Cryopreserved embryo replacement is associated with higher birthweight compared with fresh embryo: multicentric sibling embryo cohort study. <i>Scientific Reports</i> , 2019 , 9, 13402	4.9	6
17	C-reactive protein and ART outcomes: a systematic review. <i>Human Reproduction Update</i> , 2020 , 26, 753-773	13.8	6
16	Global, Survival, and Apoptotic Transcriptome during Mouse and Human Early Embryonic Development. <i>BioMed Research International</i> , 2018 , 2018, 5895628	3	6
15	Endometrial miRNome profile according to the receptivity status and implantation failure. <i>Human Fertility</i> , 2020 , 1-13	1.9	5
14	Autologous endometrial cell co-culture improves human embryo development to high-quality blastocysts: a randomized controlled trial. <i>Reproductive BioMedicine Online</i> , 2019 , 38, 321-329	4	5
13	"Idiopathic" partial androgen insensitivity syndrome in 11 grandsons of women treated by diethylstilbestrol during gestation: a multi-generational impact of endocrine disruptor contamination?. <i>Journal of Endocrinological Investigation</i> , 2021 , 44, 379-381	5.2	5
12	Multigenerational endometriosis : consequence of fetal exposure to diethylstilbestrol ?. <i>Environmental Health</i> , 2021 , 20, 96	6	5
11	Cost-Effectiveness Analysis of the Gonadotropin Treatments HP-hMG and rFSH for Assisted Reproductive Technology in France: A Markov Model Analysis. <i>Applied Health Economics and Health Policy</i> , 2018 , 16, 65-77	3.4	3
10	Prokineticin 1 is a new biomarker of human oocyte competence: expression and hormonal regulation throughout late folliculogenesis. <i>Biology of Reproduction</i> , 2019 , 101, 832-841	3.9	2
9	The Acquisition of the Human Endometrial Receptivity Phenotype: Lessons From Proteomic Studies 2018 , 303-314		1
8	Closed vitrification system and egg donation: Predictive factors of oocyte survival and pregnancy. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2020 , 49, 101687	1.9	1
7	Copsr inactivation leads to a derepression of transposons in spermatocytes. <i>FEBS Open Bio</i> , 2019 , 9, 159-168	1.68	0
6	Reply: Cell-free nucleic acids as non-invasive biomarkers of gynecological disorders, fetal aneuploidy and constitutional maternal chromosomal mosaicism. <i>Human Reproduction Update</i> , 2015 , 21, 692	15.8	
5	Interacci3 espermatozoide-zona pel3ida del ovocito: su importancia en la inmunoanticoncepci3. <i>EMC - Ginecolog3-Obstetricia</i> , 2009 , 45, 1-5	0	
4	Added value of anti-M3erian hormone serum concentration in assisted reproduction clinical practice using highly purified human menopausal gonadotropin (HP-hMG).. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2021 , 51, 102289	1.9	
3	Dialogue ovocyte-cumulus: concept et applications cliniques 2011 , 25-33		

2 Gene Expression Changes During Human Early Embryo Development: New Applications for Embryo Selection **2012**, 421-430

1 Gene Expression Changes During Human Early Embryo Development: New Applications for Embryo Selection **2013**, 337-352