

Outi Hovatta

List of Publications by Year in descending order

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37
papers

1,585
citations

394421

19
h-index

315739

38
g-index

39
all docs

39
docs citations

39
times ranked

2359
citing authors

#	ARTICLE	IF	CITATIONS
1	Clonal culturing of human embryonic stem cells on laminin-521/E-cadherin matrix in defined and xeno-free environment. <i>Nature Communications</i> , 2014, 5, 3195.	12.8	248
2	Single-cell analysis of human ovarian cortex identifies distinct cell populations but no oogonial stem cells. <i>Nature Communications</i> , 2020, 11, 1147.	12.8	188
3	Methods for cryopreservation of human ovarian tissue. <i>Reproductive BioMedicine Online</i> , 2005, 10, 729-734.	2.4	126
4	Adult human and mouse ovaries lack DDX4-expressing functional oogonial stem cells. <i>Nature Medicine</i> , 2015, 21, 1116-1118.	30.7	113
5	Monolayer culturing and cloning of human pluripotent stem cells on laminin-521-based matrices under xeno-free and chemically defined conditions. <i>Nature Protocols</i> , 2014, 9, 2354-2368.	12.0	100
6	Novel PRD-like homeodomain transcription factors and retrotransposon elements in early human development. <i>Nature Communications</i> , 2015, 6, 8207.	12.8	100
7	Cryopreservation of testicular tissue in young cancer patients. <i>Human Reproduction Update</i> , 2001, 7, 378-383.	10.8	84
8	Life-long in vivo cell-lineage tracing shows that no oogenesis originates from putative germline stem cells in adult mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17983-17988.	7.1	71
9	Differentiation of Human Embryonic Stem Cells to Endothelial Progenitor Cells on Laminins in Defined and Xeno-free Systems. <i>Stem Cell Reports</i> , 2016, 7, 802-816.	4.8	47
10	Incidence of hypertension, stroke, coronary heart disease, and diabetes in women who have delivered after in vitro fertilization: a population-based cohort study from Sweden. <i>Fertility and Sterility</i> , 2014, 102, 1096-1102.	1.0	45
11	Surface Morphology of the Human Endometrium: Basic and Clinical Aspects. <i>Annals of the New York Academy of Sciences</i> , 2000, 900, 316-324.	3.8	43
12	The human PRD-like homeobox gene <i>LEUTX</i> has a central role in embryo genome activation. <i>Development (Cambridge)</i> , 2016, 143, 3459-3469.	2.5	42
13	Spider silk for xeno-free long-term self-renewal and differentiation of human pluripotent stem cells. <i>Biomaterials</i> , 2014, 35, 8496-8502.	11.4	37
14	In Vivo Generation of Post-infarct Human Cardiac Muscle by Laminin-Promoted Cardiovascular Progenitors. <i>Cell Reports</i> , 2019, 26, 3231-3245.e9.	6.4	36
15	Preservation of human ovarian follicles within tissue frozen by vitrification in a xeno-free closed system using only ethylene glycol as permeating cryoprotectant. <i>Fertility and Sterility</i> , 2013, 100, 170-177.e2.	1.0	33
16	Derivation of human embryonic stem cell lines, towards clinical quality. <i>Reproduction, Fertility and Development</i> , 2006, 18, 823.	0.4	29
17	Effect of Previous Chemotherapy on the Quality of Cryopreserved Human Ovarian Tissue In Vitro. <i>PLoS ONE</i> , 2015, 10, e0133985.	2.5	27
18	Differences in Gene Expression between Mouse and Human for Dynamically Regulated Genes in Early Embryo. <i>PLoS ONE</i> , 2014, 9, e102949.	2.5	25

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19	Resveratrol supports and alpha-naphthoflavone disrupts growth of human ovarian follicles in an in vitro tissue culture model. <i>Toxicology and Applied Pharmacology</i> , 2018, 338, 73-82.	2.8	23
20	Over Expression of NANOS3 and DAZL in Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2016, 11, e0165268.	2.5	22
21	A missense mutation in SLC26A3 is associated with human male subfertility and impaired activation of CFTR. <i>Scientific Reports</i> , 2017, 7, 14208.	3.3	20
22	RNA Polymerase III Subunit POLR3G Regulates Specific Subsets of PolyA+ and SmallRNA Transcriptomes and Splicing in Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2017, 8, 1442-1454.	4.8	16
23	Concise Review: Animal Substance-Free Human Embryonic Stem Cells Aiming at Clinical Applications. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1269-1274.	3.3	15
24	Human induced pluripotent stem cells from two azoospermic patients with Klinefelter syndrome show similar X chromosome inactivation behavior to female pluripotent stem cells. <i>Human Reproduction</i> , 2019, 34, 2297-2310.	0.9	15
25	Feeder-free derivation of human embryonic stem-cell lines. <i>Lancet, The</i> , 2005, 365, 1601-1603.	13.7	12
26	Derivation of Human Skin Fibroblast Lines for Feeder Cells of Human Embryonic Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2016, 36, 1C.7.1-1C.7.11.	3.0	12
27	Ovarian function and in vitro fertilization (IVF) in Turner syndrome. <i>Pediatric Endocrinology Reviews</i> , 2012, 9 Suppl 2, 713-7.	1.2	11
28	Karolinska Institutet Human Embryonic Stem Cell Bank. <i>Stem Cell Research</i> , 2020, 45, 101810.	0.7	10
29	Expression of Pluripotency Markers in Nonpluripotent Human Neural Stem and Progenitor Cells. <i>Stem Cells and Development</i> , 2017, 26, 876-887.	2.1	8
30	Efficient passage of human pluripotent stem cells on spider silk matrices under xeno-free conditions. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1479-1488.	5.4	7
31	A large Northern European observational study of follitropin alpha filled-by-mass pre-filled pen. <i>Reproductive BioMedicine Online</i> , 2009, 18, 502-508.	2.4	4
32	Phenotypic Screen Identifies a Small Molecule Modulating ERK2 and Promoting Stem Cell Proliferation. <i>Frontiers in Pharmacology</i> , 2017, 8, 726.	3.5	3
33	Ethical aspects of oocyte donation, in vitro fertilization surrogacy and reproductive cloning. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2000, 79, 921-924.	2.8	2
34	Infectious problems associated with transplantation of cells differentiated from pluripotent stem cells. <i>Seminars in Immunopathology</i> , 2011, 33, 627-630.	6.1	2
35	Who benefits from putting family life into ice?. <i>Uppsala Journal of Medical Sciences</i> , 2016, 121, 208-210.	0.9	2
36	Stem cell transplantation â€“ a new era in medicine?. <i>Annals of Medicine</i> , 2005, 37, 466-468.	3.8	1

#	ARTICLE	IF	CITATIONS
37	Global Update: Sweden. Regenerative Medicine, 2012, 7, 140-142.	1.7	1