

Dalit Ben-Yosef

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,177
citations

331259

21
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288905

40
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43
all docs

43
docs citations

43
times ranked

3096
citing authors

#	ARTICLE	IF	CITATIONS
1	Derivation of novel human ground state naive pluripotent stem cells. <i>Nature</i> , 2013, 504, 282-286.	13.7	924
2	Developmental Study of Fragile X Syndrome Using Human Embryonic Stem Cells Derived from Preimplantation Genetically Diagnosed Embryos. <i>Cell Stem Cell</i> , 2007, 1, 568-577.	5.2	263
3	Preimplantation aneuploid embryos undergo self-correction in correlation with their developmental potential. <i>Fertility and Sterility</i> , 2009, 92, 890-896.	0.5	146
4	Neural differentiation of fragile X human embryonic stem cells reveals abnormal patterns of development despite successful neurogenesis. <i>Developmental Biology</i> , 2013, 374, 32-45.	0.9	103
5	Principles of signaling pathway modulation for enhancing human naive pluripotency induction. <i>Cell Stem Cell</i> , 2021, 28, 1549-1565.e12.	5.2	78
6	Functional Deficiencies in Fragile X Neurons Derived from Human Embryonic Stem Cells. <i>Journal of Neuroscience</i> , 2015, 35, 15295-15306.	1.7	63
7	Molecular Mechanisms Regulating Impaired Neurogenesis of Fragile X Syndrome Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2015, 24, 2353-2365.	1.1	35
8	Low temperature and fertilization-induced Ca ²⁺ changes in rat eggs. <i>Molecular Reproduction and Development</i> , 1995, 42, 122-129.	1.0	34
9	Immature Responses to GABA in Fragile X Neurons Derived from Human Embryonic Stem Cells. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 121.	1.8	34
10	Intracellular pH of Rat Eggs is not Affected by Fertilization and the resulting Calcium Oscillations ¹ . <i>Biology of Reproduction</i> , 1996, 55, 461-468.	1.2	32
11	Tyrosyl-phosphorylated proteins are involved in regulation of meiosis in the rat egg. <i>Molecular Reproduction and Development</i> , 1998, 49, 176-185.	1.0	32
12	Elucidating the origin of chromosomal aberrations in IVF embryos by preimplantation genetic analysis. <i>Molecular and Cellular Endocrinology</i> , 2008, 282, 112-119.	1.6	32
13	High Levels of Anticardiolipin Antibodies in Patients with Abnormal Embryo Morphology Who Attended an In Vitro Fertilization Program. <i>American Journal of Reproductive Immunology</i> , 1998, 39, 161-163.	1.2	31
14	Prolonged, repetitive calcium transients in rat oocytes fertilized in vitro and in vivo. <i>FEBS Letters</i> , 1993, 331, 239-242.	1.3	28
15	Blastomere biopsy for PGD delays embryo compaction and blastulation: a time-lapse microscopic analysis. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1449-1457.	1.2	28
16	Human embryonic stem cells carrying mutations for severe genetic disorders. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010, 46, 327-336.	0.7	27
17	Female Sex Bias in Human Embryonic Stem Cell Lines. <i>Stem Cells and Development</i> , 2012, 21, 363-372.	1.1	27
18	Time-lapse imaging reveals delayed development of embryos carrying unbalanced chromosomal translocations. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 315-324.	1.2	25

#	ARTICLE	IF	CITATIONS
19	Obstetric and neonatal outcomes of pregnancies conceived after preimplantation genetic diagnosis: cohort study and meta-analysis. <i>Reproductive BioMedicine Online</i> , 2017, 35, 208-218.	1.1	23
20	The Effect of Advanced Maternal Age on Embryo Morphokinetics. <i>Frontiers in Endocrinology</i> , 2019, 10, 686.	1.5	23
21	Prospective Randomized Comparison of Two Embryo Culture Systems: P1 Medium by Irvine Scientific and the Cook IVF Medium. <i>Journal of Assisted Reproduction and Genetics</i> , 2004, 21, 291-295.	1.2	21
22	Electrical maturation of neurons derived from human embryonic stem cells. <i>F1000Research</i> , 2014, 3, 196.	0.8	20
23	Skin exposure to UVB light induces a skin-brain-gonad axis and sexual behavior. <i>Cell Reports</i> , 2021, 36, 109579.	2.9	19
24	Interleukin-10 in Preovulatory Follicular Fluid of Patients Undergoing In Vitro Fertilization and Embryo Transfer. <i>American Journal of Reproductive Immunology</i> , 1997, 37, 187-190.	1.2	16
25	Changes in calpain during meiosis in the rat egg. <i>Molecular Reproduction and Development</i> , 1997, 48, 119-126.	1.0	15
26	Increasing synthetic serum substitute (SSS) concentrations in P1 glucose/phosphate-free medium improves implantation rate: a comparative study. <i>Journal of Assisted Reproduction and Genetics</i> , 2001, 18, 588-592.	1.2	15
27	Automated Measurements of Key Morphological Features of Human Embryos for IVF. <i>Lecture Notes in Computer Science</i> , 2020, 12265, 25-35.	1.0	12
28	Neural stem cell replacement: a possible therapy for neurodevelopmental disorders?. <i>Neural Regeneration Research</i> , 2015, 10, 180.	1.6	11
29	Genomic Analysis of hESC Pedigrees Identifies De Novo Mutations and Enables Determination of the Timing and Origin of Mutational Events. <i>Cell Reports</i> , 2013, 4, 1288-1302.	2.9	10
30	Heterozygous APC germline mutations impart predisposition to colorectal cancer. <i>Scientific Reports</i> , 2021, 11, 5113.	1.6	8
31	Complex chromosomal rearrangement—a lesson learned from PGS. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 1095-1100.	1.2	8
32	The effect of a germline mutation in the APC gene on β -catenin in human embryonic stem cells. <i>BMC Cancer</i> , 2016, 16, 952.	1.1	7
33	Impaired Functional Connectivity Underlies Fragile X Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2048.	1.8	7
34	Impaired function of trophoblast cells derived from translocated hESCs may explain pregnancy loss in women with balanced translocation (11;22). <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1493-1499.	1.2	4
35	Pharmacological Manipulation of Wnt/ β -Catenin Signaling Pathway in Human Neural Precursor Cells Alters Their Differentiation Potential and Neuronal Yield. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 680018.	1.4	4
36	Developmental Stage Classification of Embryos Using Two-Stream Neural Network with Linear-Chain Conditional Random Field. <i>Lecture Notes in Computer Science</i> , 2021, 12908, 363-372.	1.0	4

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37	Improving preimplantation genetic diagnosis (PGD) reliability by selection of sperm donor with the most informative haplotype. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 31.	1.4	3
38	Adenomatous Polyposis Coli as a Major Regulator of Human Embryonic Stem Cells Self-Renewal. <i>Stem Cells</i> , 2019, 37, 1505-1515.	1.4	2
39	Modeling FXS: Human Pluripotent Stem Cells and In Vitro Neural Differentiation. <i>Methods in Molecular Biology</i> , 2019, 1942, 89-100.	0.4	2
40	Gonadotropin-Releasing Hormone Agonist Versus Recombinant Human Chorionic Gonadotropin Triggering in Fertility Preservation Cycles. <i>Reproductive Sciences</i> , 2021, 28, 3390-3396.	1.1	1
41	The early events following fertilization: what happens downstream to calcium?. <i>Human Reproduction</i> , 1998, 13, 274-275.	0.4	0
42	Does high serum progesterone level on the day of human chorionic gonadotropin administration affect pregnancy rate after intracytoplasmic sperm injection and embryo transfer?. <i>Gynecological Endocrinology</i> , 2009, 25, 350-350.	0.7	0
43	Imaging of Somatic Ca ²⁺ Transients in Differentiated Human Neurons. <i>Methods in Molecular Biology</i> , 2019, 1942, 123-129.	0.4	0