

Shawn L Chavez

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6360132/shawn-l-chavez-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

46
papers

2,997
citations

24
h-index

54
g-index

55
ext. papers

3,497
ext. citations

7.8
avg, IF

4.86
L-index

#	Paper	IF	Citations
46	Intrinsic retroviral reactivation in human preimplantation embryos and pluripotent cells. <i>Nature</i> , 2015 , 522, 221-5	50.4	339
45	An antibody against SSEA-5 glycan on human pluripotent stem cells enables removal of teratoma-forming cells. <i>Nature Biotechnology</i> , 2011 , 29, 829-34	44.5	309
44	Isolation and characterization of pluripotent human spermatogonial stem cell-derived cells. <i>Stem Cells</i> , 2009 , 27, 138-49	5.8	244
43	Divergent trophoblast responses to bacterial products mediated by TLRs. <i>Journal of Immunology</i> , 2004 , 173, 4286-96	5.3	223
42	The role of apoptosis in the regulation of trophoblast survival and differentiation during pregnancy. <i>Endocrine Reviews</i> , 2005 , 26, 877-97	27.2	204
41	Dynamic blastomere behaviour reflects human embryo ploidy by the four-cell stage. <i>Nature Communications</i> , 2012 , 3, 1251	17.4	200
40	First trimester trophoblast cells secrete Fas ligand which induces immune cell apoptosis. <i>Molecular Human Reproduction</i> , 2004 , 10, 55-63	4.4	182
39	The isolation and characterization of a novel telomerase immortalized first trimester trophoblast cell line, Swan 71. <i>Placenta</i> , 2009 , 30, 939-48	3.4	163
38	Trophoblast-macrophage interactions: a regulatory network for the protection of pregnancy. <i>American Journal of Reproductive Immunology</i> , 2007 , 57, 55-66	3.8	155
37	Differential regulation and function of the Fas/Fas ligand system in human trophoblast cells. <i>Biology of Reproduction</i> , 2002 , 66, 1853-61	3.9	126
36	MON-LB037 The Impact of Maternal Testosterone and Western-Style Diet on the Fetal Hypothalamic-Pituitary-Gonadal Axis. <i>Journal of the Endocrine Society</i> , 2019 , 3,	0.4	78
35	OR08-5 The Effect of Short-Term Western-Style Diet Consumption on Primate Ovarian Follicle, Oocyte, and Embryo Development. <i>Journal of the Endocrine Society</i> , 2019 , 3,	0.4	78
34	Prediction model for aneuploidy in early human embryo development revealed by single-cell analysis. <i>Nature Communications</i> , 2015 , 6, 7601	17.4	72
33	X-linked inhibitor of apoptosis (XIAP) confers human trophoblast cell resistance to Fas-mediated apoptosis. <i>Molecular Human Reproduction</i> , 2004 , 10, 33-41	4.4	65
32	GATA2/3-TFAP2A/C transcription factor network couples human pluripotent stem cell differentiation to trophoblast with repression of pluripotency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E9579-E9588	11.5	56
31	XAF1 mediates tumor necrosis factor-alpha-induced apoptosis and X-linked inhibitor of apoptosis cleavage by acting through the mitochondrial pathway. <i>Journal of Biological Chemistry</i> , 2007 , 282, 13059-72	5.4	54
30	Chromosomal instability in mammalian pre-implantation embryos: potential causes, detection methods, and clinical consequences. <i>Cell and Tissue Research</i> , 2016 , 363, 201-225	4.2	50

29	Instructing an embryonic stem cell-derived oocyte fate: lessons from endogenous oogenesis. <i>Endocrine Reviews</i> , 2009 , 30, 264-83	27.2	40
28	Role of the Fas/Fas ligand system in female reproductive organs: survival and apoptosis. <i>Biochemical Pharmacology</i> , 2002 , 64, 1305-15	6	40
27	Endogenous Retroviruses: With Us and against Us. <i>Frontiers in Chemistry</i> , 2017 , 5, 23	5	34
26	Single-cell sequencing of primate preimplantation embryos reveals chromosome elimination via cellular fragmentation and blastomere exclusion. <i>Genome Research</i> , 2019 , 29, 367-382	9.7	32
25	Characterization of six new human embryonic stem cell lines (HSF7, -8, -9, -10, -12, and -13) derived under minimal-animal component conditions. <i>Stem Cells and Development</i> , 2008 , 17, 535-46	4.4	28
24	Comparison of epigenetic mediator expression and function in mouse and human embryonic blastomeres. <i>Human Molecular Genetics</i> , 2014 , 23, 4970-84	5.6	25
23	Single-Cell XIST Expression in Human Preimplantation Embryos and Newly Reprogrammed Female Induced Pluripotent Stem Cells. <i>Stem Cells</i> , 2015 , 33, 1771-81	5.8	24
22	Parthenogenic blastocysts derived from cumulus-free in vitro matured human oocytes. <i>PLoS ONE</i> , 2010 , 5, e10979	3.7	24
21	Mammalian pre-implantation chromosomal instability: species comparison, evolutionary considerations, and pathological correlations. <i>Systems Biology in Reproductive Medicine</i> , 2015 , 61, 321-35 ^{2.9}	2.9	19
20	XIAP protein is induced by placenta growth factor (PLGF) and decreased during preeclampsia in trophoblast cells. <i>Systems Biology in Reproductive Medicine</i> , 2014 , 60, 263-73	2.9	18
19	Vertebrate Embryonic Cleavage Pattern Determination. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 953, 117-171	3.6	16
18	Chronically elevated androgen and/or consumption of a Western-style diet impairs oocyte quality and granulosa cell function in the nonhuman primate periovulatory follicle. <i>Journal of Assisted Reproduction and Genetics</i> , 2019 , 36, 1497-1511	3.4	13
17	AKT controls human first trimester trophoblast cell sensitivity to FAS-mediated apoptosis by regulating XIAP expression. <i>Biology of Reproduction</i> , 2010 , 82, 146-52	3.9	11
16	Time-Lapse Imaging for the Detection of Chromosomal Abnormalities in Primate Preimplantation Embryos. <i>Methods in Molecular Biology</i> , 2018 , 1769, 293-317	1.4	7
15	Generation of human induced pluripotent stem cells using epigenetic regulators reveals a germ cell-like identity in partially reprogrammed colonies. <i>PLoS ONE</i> , 2013 , 8, e82838	3.7	6
14	The Fas/FasL system in reproduction: survival and apoptosis. <i>Scientific World Journal, The</i> , 2002 , 2, 1828-42		6
13	Molecular Contribution to Embryonic Aneuploidy and Genotypic Complexity During Initial Cleavage Divisions of Mammalian Development		3
12	Short-term Western-style diet negatively impacts reproductive outcomes in primates. <i>JCI Insight</i> , 2021 , 6,	9.9	3

11	IFPA meeting 2016 workshop report I: Genomic communication, bioinformatics, trophoblast biology and transport systems. <i>Placenta</i> , 2017 , 60 Suppl 1, S5-S9	3.4	2
10	Assessing equine embryo developmental competency by time-lapse image analysis. <i>Reproduction, Fertility and Development</i> , 2019 , 31, 1840-1850	1.8	2
9	Preimplantation Embryo Development and Primordial Germ Cell Lineage Specification 2015 , 233-265		1
8	Single-Cell Sequencing of Primate Preimplantation Embryos Reveals Chromosome Elimination Via Cellular Fragmentation and Blastomere Exclusion		1
7	Transcriptomic analysis of primate placentas and novel rhesus trophoblast cell lines informs investigations of human placentation. <i>BMC Biology</i> , 2021 , 19, 127	7.3	1
6	Metabolomics analysis of follicular fluid coupled with oocyte aspiration reveals importance of glucocorticoids in primate periovulatory follicle competency. <i>Scientific Reports</i> , 2021 , 11, 6506	4.9	1
5	Long-Term Hyperandrogenemia and/or Western-Style Diet in Rhesus Macaque Females Impairs Preimplantation Embryogenesis.. <i>Endocrinology</i> , 2022 ,	4.8	1
4	Bioethics in human embryology: the double-edged sword of embryo research.. <i>Systems Biology in Reproductive Medicine</i> , 2022 , 1-11	2.9	0
3	Optimizing Tissue Preservation for High-Resolution Confocal Imaging of Single-Molecule RNA-FISH. <i>Current Protocols in Molecular Biology</i> , 2019 , 129, e107	2.9	
2	Germ Cell-specific Methylation Pattern: Erasure and Reestablishment. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2009 , 43-56		
1	Germ Cell-specific Methylation Pattern: Erasure and Reestablishment. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2009 , 43-56		