

Shawn L Chavez

List of Publications by Year in Descending Order

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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.

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	Long-Term Hyperandrogenemia and/or Western-Style Diet in Rhesus Macaque Females Impairs Preimplantation Embryogenesis.. <i>Endocrinology</i> , 2022 ,	4.8	1
45	Bioethics in human embryology: the double-edged sword of embryo research.. <i>Systems Biology in Reproductive Medicine</i> , 2022 , 1-11	2.9	0
44	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
43	Short-term Western-style diet negatively impacts reproductive outcomes in primates. <i>JCI Insight</i> , 2021 , 6,	9.9	3
42	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
41	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
40	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
39	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	
38	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
37	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
36	Assessing equine embryo developmental competency by time-lapse image analysis. <i>Reproduction, Fertility and Development</i> , 2019 , 31, 1840-1850	1.8	2
35	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
34	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
33	Vertebrate Embryonic Cleavage Pattern Determination. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 953, 117-171	3.6	16
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	Endogenous Retroviruses: With Us and against Us. <i>Frontiers in Chemistry</i> , 2017 , 5, 23	5	34
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	Prediction model for aneuploidy in early human embryo development revealed by single-cell analysis. <i>Nature Communications</i> , 2015 , 6, 7601	17.4	72
28	Intrinsic retroviral reactivation in human preimplantation embryos and pluripotent cells. <i>Nature</i> , 2015 , 522, 221-5	50.4	339
27	Preimplantation Embryo Development and Primordial Germ Cell Lineage Specification 2015 , 233-265		1
26	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		19
25	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
24	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
23	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
22	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
21	Dynamic blastomere behaviour reflects human embryo ploidy by the four-cell stage. <i>Nature Communications</i> , 2012 , 3, 1251	17.4	200
20	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
19	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
18	Parthenogenic blastocysts derived from cumulus-free in vitro matured human oocytes. <i>PLoS ONE</i> , 2010 , 5, e10979	3.7	24
17	Instructing an embryonic stem cell-derived oocyte fate: lessons from endogenous oogenesis. <i>Endocrine Reviews</i> , 2009 , 30, 264-83	27.2	40
16	Germ Cell-specific Methylation Pattern: Erasure and Reestablishment. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2009 , 43-56		
15	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
14	Isolation and characterization of pluripotent human spermatogonial stem cell-derived cells. <i>Stem Cells</i> , 2009 , 27, 138-49	5.8	244
13	Germ Cell-specific Methylation Pattern: Erasure and Reestablishment. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2009 , 43-56		
12	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

11	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
10	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
9	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
8	Divergent trophoblast responses to bacterial products mediated by TLRs. <i>Journal of Immunology</i> , 2004 , 173, 4286-96	5.3	223
7	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
6	First trimester trophoblast cells secrete Fas ligand which induces immune cell apoptosis. <i>Molecular Human Reproduction</i> , 2004 , 10, 55-63	4.4	182
5	The Fas/FasL system in reproduction: survival and apoptosis. <i>Scientific World Journal, The</i> , 2002 , 2, 1828-42	4.2	6
4	Role of the Fas/Fas ligand system in female reproductive organs: survival and apoptosis. <i>Biochemical Pharmacology</i> , 2002 , 64, 1305-15	6	40
3	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
2	Single-Cell Sequencing of Primate Preimplantation Embryos Reveals Chromosome Elimination Via Cellular Fragmentation and Blastomere Exclusion		1
1	Molecular Contribution to Embryonic Aneuploidy and Genotypic Complexity During Initial Cleavage Divisions of Mammalian Development		3