

Toshihiko Ezashi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,687
citations

361413

20
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

3638
citing authors

#	ARTICLE	IF	CITATIONS
1	The product of BMP-directed differentiation protocols for human primed pluripotent stem cells is placental trophoblast and not amnion. <i>Stem Cell Reports</i> , 2022, 17, 1289-1302.	4.8	12
2	Beyond fusion: A novel role for ERVW-1 in trophoblast proliferation and type I interferon receptor expression. <i>Placenta</i> , 2022, 126, 150-159.	1.5	6
3	Transcriptome analysis of MBD5-associated neurodevelopmental disorder (MAND) neural progenitor cells reveals dysregulation of autism-associated genes. <i>Scientific Reports</i> , 2021, 11, 11295.	3.3	4
4	Single Nucleus RNA Sequence (snRNAseq) Analysis of the Spectrum of Trophoblast Lineages Generated From Human Pluripotent Stem Cells in vitro. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 695248.	3.7	12
5	Syncytins expressed in human placental trophoblast. <i>Placenta</i> , 2021, 113, 8-14.	1.5	40
6	Is SARS-CoV-2 Infection a Risk Factor for Early Pregnancy Loss? ACE2 and TMPRSS2 Coexpression and Persistent Replicative Infection in Primitive Trophoblast. <i>Journal of Infectious Diseases</i> , 2021, 224, S660-S669.	4.0	10
7	Use of a human embryonic stem cell model to discover GABRP, WFDC2, VTCN1 and ACTC1 as markers of early first trimester human trophoblast. <i>Molecular Human Reproduction</i> , 2020, 26, 425-440.	2.8	25
8	A six-inhibitor culture medium for improving naïve-type pluripotency of porcine pluripotent stem cells. <i>Cell Death Discovery</i> , 2019, 5, 104.	4.7	16
9	Early onset preeclampsia in a model for human placental trophoblast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4336-4345.	7.1	55
10	Specification of trophoblast from embryonic stem cells exposed to BMP4. <i>Biology of Reproduction</i> , 2018, 99, 212-224.	2.7	49
11	African and Asian strains of Zika virus differ in their ability to infect and lyse primitive human placental trophoblast. <i>PLoS ONE</i> , 2018, 13, e0200086.	2.5	58
12	ITGA1 is upregulated in response to oxygen over time in a BMP4 model of trophoblast. <i>Molecular Reproduction and Development</i> , 2018, 85, 738-739.	2.0	1
13	Exploring early differentiation and pluripotency in domestic animals. <i>Reproduction, Fertility and Development</i> , 2017, 29, 101.	0.4	4
14	Vulnerability of primitive human placental trophoblast to Zika virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1587-E1596.	7.1	152
15	Deciphering transcriptional regulation in human embryonic stem cells specified towards a trophoblast fate. <i>Scientific Reports</i> , 2017, 7, 17257.	3.3	28
16	Transcriptional control of IFNT expression. <i>Reproduction</i> , 2017, 154, F21-F31.	2.6	25
17	Comparison of syncytiotrophoblast generated from human embryonic stem cells and from term placentas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2598-607.	7.1	142
18	Pluripotent Stem Cells from Domesticated Mammals. <i>Annual Review of Animal Biosciences</i> , 2016, 4, 223-253.	7.4	85

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19	Livestock Models for Exploiting the Promise of Pluripotent Stem Cells. <i>ILAR Journal</i> , 2015, 56, 74-82.	1.8	27
20	Heightened potency of human pluripotent stem cell lines created by transient BMP4 exposure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2337-46.	7.1	62
21	Abnormal Oxidative Stress Responses in Fibroblasts from Preeclampsia Infants. <i>PLoS ONE</i> , 2014, 9, e103110.	2.5	11
22	Engraftment of human iPS cells and allogeneic porcine cells into pigs with inactivated <i>RAG2</i> and accompanying severe combined immunodeficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7260-7265.	7.1	99
23	Differentiation of trophoblast cells from human embryonic stem cells: to be or not to be?. <i>Reproduction</i> , 2014, 147, D1-D12.	2.6	66
24	Complete and unidirectional conversion of human embryonic stem cells to trophoblast by BMP4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1212-21.	7.1	226
25	Model systems for studying trophoblast differentiation from human pluripotent stem cells. <i>Cell and Tissue Research</i> , 2012, 349, 809-824.	2.9	53
26	Generation of Colonies of Induced Trophoblast Cells During Standard Reprogramming of Porcine Fibroblasts to Induced Pluripotent Stem Cells ¹ . <i>Biology of Reproduction</i> , 2011, 85, 779-787.	2.7	42
27	Leukemia Inhibitory Factor (LIF)-dependent, Pluripotent Stem Cells Established from Inner Cell Mass of Porcine Embryos. <i>Journal of Biological Chemistry</i> , 2011, 286, 28948-28953.	3.4	93
28	Derivation of induced pluripotent stem cells from pig somatic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10993-10998.	7.1	434
29	Effects of FGF2 and oxygen in the BMP4-driven differentiation of trophoblast from human embryonic stem cells. <i>Stem Cell Research</i> , 2007, 1, 61-74.	0.7	83
30	Low O ₂ tensions and the prevention of differentiation of hES cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4783-4788.	7.1	765