Yojiro Yamanaka

List of Publications by Year
in descending order

50 papers	6,804 citations	147566 31 h-index	214527 47 g-index
55 all docs	55 docs citations	55 times ranked	6935 citing authors

#	Article	IF	Citations
1	Cdx2 is required for correct cell fate specification and differentiation of trophectoderm in the mouse blastocyst. Development (Cambridge), 2005, 132, 2093-2102.	1.2	945
2	Early Lineage Segregation between Epiblast and Primitive Endoderm in Mouse Blastocysts through the Grb2-MAPK Pathway. Developmental Cell, 2006, 10, 615-624.	3.1	804
3	Two Signals Are Necessary for Cell Proliferation Induced by a Cytokine Receptor gp130: Involvement of STAT3 in Anti-Apoptosis. Immunity, 1996, 5, 449-460.	6.6	618
4	FGF signal-dependent segregation of primitive endoderm and epiblast in the mouse blastocyst. Development (Cambridge), 2010, 137, 715-724.	1.2	486
5	Imprinted X-inactivation in extra-embryonic endoderm cell lines from mouse blastocysts. Development (Cambridge), 2005, 132, 1649-1661.	1.2	352
6	A Rich1/Amot Complex Regulates the Cdc42 GTPase and Apical-Polarity Proteins in Epithelial Cells. Cell, 2006, 125, 535-548.	13.5	352
7	Cell and molecular regulation of the mouse blastocyst. Developmental Dynamics, 2006, 235, 2301-2314.	0.8	260
8	Gab1 Acts as an Adapter Molecule Linking the Cytokine Receptor gp130 to ERK Mitogen-Activated Protein Kinase. Molecular and Cellular Biology, 1998, 18, 4109-4117.	1.1	258
9	Lineage specification in the mouse preimplantation embryo. Development (Cambridge), 2016, 143, 1063-1074.	1.2	253
10	Disorganized epithelial polarity and excess trophectoderm cell fate in preimplantation embryos lacking E-cadherin. Development (Cambridge), 2010, 137, 3383-3391.	1.2	189
11	Zebrafish Dkk1 Functions in Forebrain Specification and Axial Mesendoderm Formation. Developmental Biology, 2000, 217, 138-152.	0.9	178
12	KrÃ¼ppel-like factor 5 Is Essential for Blastocyst Development and the Normal Self-Renewal of Mouse ESCs. Cell Stem Cell, 2008, 3, 555-567.	5.2	177
13	Live Imaging and Genetic Analysis of Mouse Notochord Formation Reveals Regional Morphogenetic Mechanisms. Developmental Cell, 2007, 13, 884-896.	3.1	163
14	Initiation of Hippo signaling is linked to polarity rather than to cell position in the pre-implantation mouse embryo. Development (Cambridge), 2014, 141, 2813-2824.	1.2	156
15	Autoregulation of the Stat3 Gene through Cooperation with a cAMP-responsive Element-binding Protein. Journal of Biological Chemistry, 1998, 273, 6132-6138.	1.6	153
16	An alternative pathway for STAT activation that is mediated by the direct interaction between JAK and STAT. Oncogene, 1997, 14, 751-761.	2.6	148
17	Lineage allocation and asymmetries in the early mouse embryo. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 1341-1349.	1.8	143
18	Stimulatory Effects of Protein Kinase C and Calmodulin Kinase II on N-Methyl-d-Aspartate Receptor/Channels in the Postsynaptic Density of Rat Brain. Journal of Neurochemistry, 1993, 61, 100-109.	2.1	134

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19	FGF4 is a limiting factor controlling the proportions of primitive endoderm and epiblast in the ICM of the mouse blastocyst. Developmental Biology, 2013, 384, 65-71.	0.9	115
20	Cooperative roles of Bozozok/Dharma and Nodal-related proteins in the formation of the dorsal organizer in zebrafish. Mechanisms of Development, 2000, 91, 293-303.	1.7	107
21	Overexpression of neurogenin induces ectopic expression of HuC in zebrafish. Neuroscience Letters, 1997, 239, 113-116.	1.0	81
22	Regulation of dharma/bozozok by the Wnt Pathway. Developmental Biology, 2001, 231, 397-409.	0.9	79
23	Expression of the zinc finger gene fez-like in zebrafish forebrain. Mechanisms of Development, 2000, 97, 191-195.	1.7	67
24	A novel repressor-type homeobox gene, ved, is involved in dharma/bozozok-mediated dorsal organizer formation in zebrafish. Mechanisms of Development, 2002, 118, 125-138.	1.7	63
25	Senescence-Accelerated Mouse.. Annals of the New York Academy of Sciences, 1996, 786, 410-418.	1.8	55
26	Control of embryonic stem cell self-renewal and differentiation via coordinated alternative splicing and translation of YY2. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12360-12367.	3.3	54
27	Alterations in acetylcholine, NMDA, benzodiazepine receptors and protein kinase C in the brain of the senescence-accelerated mouse: an animal model useful for studies on cognitive enhancers. Behavioural Brain Research, 1997, 83, 51-55.	1.2	46
28	Circulation-Independent Differentiation Pathway from Extraembryonic Mesoderm toward Hematopoietic Stem Cells via Hemogenic Angioblasts. Cell Reports, 2014, 8, 31-39.	2.9	46
29	Multifaceted Regulation of Somatic Cell Reprogramming by mRNA Translational Control. Cell Stem Cell, 2014, 14, 606-616.	5.2	39
30	Signal Transduction through ILâ€6 Receptor: Involvement of Multiple Protein Kinases, Stat Factors, and a Novel H7â€sensitive Pathwaya. Annals of the New York Academy of Sciences, 1995, 762, 55-70.	1.8	38
31	Crispr-Cas9 engineered osteogenesis imperfecta type V leads to severe skeletal deformities and perinatal lethality in mice. Bone, 2018, 107, 131-142.	1.4	37
32	Oviduct epithelial cells constitute two developmentally distinct lineages that are spatially separated along the distal-proximal axis. Cell Reports, 2021, 36, 109677.	2.9	27
33	Novel Mix-Family Homeobox Genes in Zebrafish and Their Differential Regulation. Biochemical and Biophysical Research Communications, 2000, 271, 603-609.	1.0	24
34	The novel aminoglycoside, ELX-02, permits CTNSW138X translational read-through and restores lysosomal cystine efflux in cystinosis. PLoS ONE, 2019, 14, e0223954.	1.1	23
35	Anatomical and cellular heterogeneity in the mouse oviductâ€"its potential roles in reproduction and preimplantation development. Biology of Reproduction, 2021, 104, 1249-1261.	1.2	20
36	Response: Cell fate in the early mouse embryo â€" sorting out the influence of developmental history on lineage choice. Reproductive BioMedicine Online, 2011, 22, 525-527.	1.1	17

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37	Cell Polarity-Dependent Regulation of Cell Allocation and the First Lineage Specification in the Preimplantation Mouse Embryo. Current Topics in Developmental Biology, 2018, 128, 11-35.	1.0	17
38	Loss of LKB1 leads to impaired epithelial integrity and cell extrusion in the early mouse embryo. Journal of Cell Science, 2015, 128, 1011-22.	1.2	14
39	Adhesion Is Prerequisite, But Alone Insufficient, to Elicit Stem Cell Pluripotency. Journal of Neuroscience, 2007, 27, 5437-5447.	1.7	13
40	Early Embryonic Cell Fate Decisions in the Mouse. Advances in Experimental Medicine and Biology, 2010, 695, 1-13.	0.8	13
41	Modeling High-Grade Serous Ovarian Carcinoma Using a Combination of<i>In Vivo</i>Fallopian Tube Electroporation and CRISPR-Cas9â€"Mediated Genome Editing. Cancer Research, 2021, 81, 5147-5160.	0.4	11
42	Glucosamine amends CNS pathology in mucopolysaccharidosis IIIC mouse expressing misfolded HGSNAT. Journal of Experimental Medicine, 2022, 219, .	4.2	7
43	A regulatory network controls nephrocan expression and midgut patterning. Development (Cambridge), 2014, 141, 3772-3781.	1.2	6
44	CRISPR/Cas9 Genome Editing as a Strategy to Study the Tumor Microenvironment in Transgenic Mice. Methods in Molecular Biology, 2016, 1458, 261-271.	0.4	4
45	Protocol to generate mouse oviduct epithelial organoids for viral transduction and whole-mount 3D imaging. STAR Protocols, 2022, 3, 101164.	0.5	4
46	Reprogramming Mouse Oviduct Epithelial Cells Using In Vivo Electroporation and CRISPR/Cas9-Mediated Genetic Manipulation. Methods in Molecular Biology, 2022, 2429, 367-377.	0.4	3
47	Breakthroughs and challenges of modern developmental biology and reproductive medicine. International Journal of Developmental Biology, 2019, 63, 77-82.	0.3	1
48	Oviduct Epithelial Cells Constitute Two Developmentally Distinct Lineages that are Spatially Separated Along the Distal-Proximal Axis. SSRN Electronic Journal, 0, , .	0.4	1
49	Multiple cell types in the oviduct express the prolactin receptor. FASEB BioAdvances, 2022, 4, 485-504.	1.3	1
50	Female fertility gets cilia(r) and cilia(r): ciliary defects in the oviduct compromises female fertility. Biology of Reproduction, 2021, 105, 1086-1088.	1.2	0