

# Shinji Masui

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

3,765  
citations

257450

24  
h-index

377865

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

5081  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pluripotency governed by Sox2 via regulation of Oct3/4 expression in mouse embryonic stem cells. <i>Nature Cell Biology</i> , 2007, 9, 625-635.	10.3	1,061
2	Differentiation of embryonic stem cells is induced by GATA factors. <i>Genes and Development</i> , 2002, 16, 784-789.	5.9	460
3	Phenotypic Complementation Establishes Requirements for Specific POU Domain and Generic Transactivation Function of Oct-3/4 in Embryonic Stem Cells. <i>Molecular and Cellular Biology</i> , 2002, 22, 1526-1536.	2.3	263
4	Klf4 Cooperates with Oct3/4 and Sox2 To Activate the Lefty1 Core Promoter in Embryonic Stem Cells. <i>Molecular and Cellular Biology</i> , 2006, 26, 7772-7782.	2.3	227
5	Dissecting Oct3/4-Regulated Gene Networks in Embryonic Stem Cells by Expression Profiling. <i>PLoS ONE</i> , 2006, 1, e26.	2.5	161
6	Distribution and Evolution of Bacteriophage WO in Wolbachia, the Endosymbiont Causing Sexual Alterations in Arthropods. <i>Journal of Molecular Evolution</i> , 2000, 51, 491-497.	1.8	156
7	Identification of Pou5f1, Sox2, and Nanog downstream target genes with statistical confidence by applying a novel algorithm to time course microarray and genome-wide chromatin immunoprecipitation data. <i>BMC Genomics</i> , 2008, 9, 269.	2.8	144
8	Prox1 Induces Lymphatic Endothelial Differentiation via Integrin $\beta$ 9 and Other Signaling Cascades. <i>Molecular Biology of the Cell</i> , 2007, 18, 1421-1429.	2.1	131
9	Rex1/Zfp42 is dispensable for pluripotency in mouse ES cells. <i>BMC Developmental Biology</i> , 2008, 8, 45.	2.1	110
10	An efficient system to establish multiple embryonic stem cell lines carrying an inducible expression unit. <i>Nucleic Acids Research</i> , 2005, 33, e43-e43.	14.5	100
11	Bacteriophage WO and Virus-like Particles in Wolbachia, an Endosymbiont of Arthropods. <i>Biochemical and Biophysical Research Communications</i> , 2001, 283, 1099-1104.	2.1	96
12	The Sox-2 Regulatory Regions Display Their Activities in Two Distinct Types of Multipotent Stem Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 4207-4220.	2.3	93
13	Consequence of the loss of Sox2 in the developing brain of the mouse. <i>FEBS Letters</i> , 2008, 582, 2811-2815.	2.8	82
14	Validation of Common Housekeeping Genes as Reference for qPCR Gene Expression Analysis During iPS Reprogramming Process. <i>Scientific Reports</i> , 2018, 8, 8716.	3.3	80
15	Pdx1-transfected adipose tissue-derived stem cells differentiate into insulin-producing cells in vivo and reduce hyperglycemia in diabetic mice. <i>International Journal of Developmental Biology</i> , 2010, 54, 699-705.	0.6	75
16	OVOL2 Maintains the Transcriptional Program of Human Corneal Epithelium by Suppressing Epithelial-to-Mesenchymal Transition. <i>Cell Reports</i> , 2016, 15, 1359-1368.	6.4	66
17	Genes for the Type IV Secretion System in an Intracellular Symbiont, Wolbachia, a Causative Agent of Various Sexual Alterations in Arthropods. <i>Journal of Bacteriology</i> , 2000, 182, 6529-6531.	2.2	64
18	<i>groE</i> -Homologous Operon of Wolbachia, an Intracellular Symbiont of Arthropods: A New Approach for Their Phylogeny. <i>Zoological Science</i> , 1997, 14, 701-706.	0.7	52

#	ARTICLE	IF	CITATIONS
19	A Distinct Role for Pin1 in the Induction and Maintenance of Pluripotency. <i>Journal of Biological Chemistry</i> , 2011, 286, 11593-11603.	3.4	49
20	PAX6 regulates human corneal epithelium cell identity. <i>Experimental Eye Research</i> , 2017, 154, 30-38.	2.6	49
21	Transcription factors interfering with dedifferentiation induce cell type-specific transcriptional profiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6412-6417.	7.1	37
22	Srf destabilizes cellular identity by suppressing cell-type-specific gene expression programs. <i>Nature Communications</i> , 2018, 9, 1387.	12.8	35
23	Differential Requirement for Nucleostemin in Embryonic Stem Cell and Neural Stem Cell Viability. <i>Stem Cells</i> , 2009, 27, 1066-1076.	3.2	30
24	Eed/Sox2 regulatory loop controls ES cell self-renewal through histone methylation and acetylation. <i>EMBO Journal</i> , 2011, 30, 2190-2204.	7.8	28
25	The First Detection of the Insertion Sequence ISW1 in the Intracellular Reproductive Parasite <i>Wolbachia</i> . <i>Plasmid</i> , 1999, 42, 13-19.	1.4	25
26	Kinetics of drug selection systems in mouse embryonic stem cells. <i>BMC Biotechnology</i> , 2013, 13, 64.	3.3	25
27	Direct Reprogramming Into Corneal Epithelial Cells Using a Transcriptional Network Comprising PAX6, OVOL2, and KLF4. <i>Cornea</i> , 2019, 38, S34-S41.	1.7	19
28	Pax2 overexpression in embryoid bodies induces upregulation of integrin $\alpha 8$ and aquaporin-1. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2009, 45, 62-68.	1.5	12
29	Cloned cells from the murine dermal papilla have hair-inducing ability. <i>Journal of Dermatological Science</i> , 2009, 54, 129-131.	1.9	11
30	Pluripotency maintenance mechanism of embryonic stem cells and reprogramming. <i>International Journal of Hematology</i> , 2010, 91, 360-372.	1.6	8
31	Intracellular reactivation of transcription factors fused with protein transduction domain. <i>Journal of Biotechnology</i> , 2011, 154, 298-303.	3.8	6
32	Artificial acceleration of mammalian cell reprogramming by bacterial proteins. <i>Genes To Cells</i> , 2017, 22, 918-928.	1.2	4
33	De novo CpG methylation on an artificial chromosome-like vector maintained for a long-term in mammalian cells. <i>Biotechnology Letters</i> , 2016, 38, 731-740.	2.2	3
34	Optimized conditions for the supplementation of human-induced pluripotent stem cell cultures with a GSK-3 inhibitor during embryoid body formation with the aim of inducing differentiation into mesodermal and cardiac lineage. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 371-378.	2.2	2
35	Function of Oct3/4 and Sox2 in Pluripotency. , 2011, , 113-125.		1