

# Tohru Kimura

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,670  
citations

471061

17  
h-index

433756

31  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of PGC7, a new gene expressed specifically in preimplantation embryos and germ cells. <i>Mechanisms of Development</i> , 2002, 113, 91-94.	1.7	240
2	MVH in piRNA processing and gene silencing of retrotransposons. <i>Genes and Development</i> , 2010, 24, 887-892.	2.7	219
3	Conditional loss of PTEN leads to testicular teratoma and enhances embryonic germ cell production. <i>Development (Cambridge)</i> , 2003, 130, 1691-1700.	1.2	218
4	Essential and nonredundant roles of p48 (ISGF3 $\beta$ ) and IRF $\beta$ 1 in both type I and type II interferon responses, as revealed by gene targeting studies. <i>Genes To Cells</i> , 1996, 1, 115-124.	0.5	215
5	bcl-x Prevents Apoptotic Cell Death of Both Primitive and Definitive Erythrocytes at the End of Maturation. <i>Journal of Experimental Medicine</i> , 1999, 189, 1691-1698.	4.2	129
6	AKT signaling promotes derivation of embryonic germ cells from primordial germ cells. <i>Development (Cambridge)</i> , 2008, 135, 869-879.	1.2	87
7	The stabilization of $\beta$ -catenin leads to impaired primordial germ cell development via aberrant cell cycle progression. <i>Developmental Biology</i> , 2006, 300, 545-553.	0.9	81
8	Mouse Germ Cell-Less as an Essential Component for Nuclear Integrity. <i>Molecular and Cellular Biology</i> , 2003, 23, 1304-1315.	1.1	70
9	Efficient Derivation of Embryonic Stem Cells by Inhibition of Glycogen Synthase Kinase-3. <i>Stem Cells</i> , 2007, 25, 2705-2711.	1.4	62
10	A RUNX $\beta$ -CBF $\beta$ 2-driven enhancer directs the Irf8 dose-dependent lineage choice between DCs and monocytes. <i>Nature Immunology</i> , 2021, 22, 301-311.	7.0	29
11	Induction of Primordial Germ Cell-Like Cells From Mouse Embryonic Stem Cells by ERK Signal Inhibition. <i>Stem Cells</i> , 2014, 32, 2668-2678.	1.4	28
12	Stella preserves maternal chromosome integrity by inhibiting 5hmC-induced H2AX accumulation. <i>EMBO Reports</i> , 2015, 16, 582-589.	2.0	28
13	Pluripotent Stem Cells Derived From Mouse Primordial Germ Cells by Small Molecule Compounds. <i>Stem Cells</i> , 2015, 33, 45-55.	1.4	27
14	Alteration of cell adhesion and cell cycle properties of ES cells by an inducible dominant interfering Myb mutant. <i>Oncogene</i> , 2001, 20, 1425-1434.	2.6	25
15	Usp26 mutation in mice leads to defective spermatogenesis depending on genetic background. <i>Scientific Reports</i> , 2019, 9, 13757.	1.6	23
16	Effects of Dppa3 on DNA Methylation Dynamics During Primordial Germ Cell Development in Mice. <i>Biology of Reproduction</i> , 2013, 88, 125.	1.2	22
17	Effects of Akt signaling on nuclear reprogramming. <i>Genes To Cells</i> , 2008, 13, 1269-1277.	0.5	21
18	Induction of pluripotency in primordial germ cells. <i>Histology and Histopathology</i> , 2011, 26, 643-50.	0.5	20

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19	Stella controls chromocenter formation through regulation of Daxx expression in 2-cell embryos. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 60-65.	1.0	19
20	Mutations of histone demethylase genes encoded by X and Y chromosomes, Kdm5c and Kdm5d, lead to noncompaction cardiomyopathy in mice. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 100-106.	1.0	12
21	Reprogramming of germ cells into pluripotency. <i>World Journal of Stem Cells</i> , 2016, 8, 251.	1.3	11
22	Puromycin-based purification of cells with high expression of the cytochrome P450 CYP3A4 gene from a patient with drug-induced liver injury (DILI). <i>Stem Cell Research and Therapy</i> , 2022, 13, 6.	2.4	11
23	Ammonia-based enrichment and long-term propagation of zone I hepatocyte-like cells. <i>Scientific Reports</i> , 2021, 11, 11381.	1.6	10
24	Involvement of Nlrp9a/b/c in mouse preimplantation development. <i>Reproduction</i> , 2020, 160, 181-191.	1.1	10
25	Epigenome editing reveals core DNA methylation for imprinting control in the <i>Dlk1-Dio3</i> imprinted domain. <i>Nucleic Acids Research</i> , 2022, 50, 5080-5094.	6.5	10
26	Metastable primordial germ cell-like state induced from mouse embryonic stem cells by Akt activation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 392, 311-316.	1.0	8
27	Immortalization of human hepatocytes from biliary atresia with CDK4R24C, cyclin D1, and TERT for cytochrome P450 induction testing. <i>Scientific Reports</i> , 2020, 10, 17503.	1.6	8
28	Drug metabolic activity is a critical cell-intrinsic determinant for selection of hepatocytes during long-term culture. <i>Stem Cell Research and Therapy</i> , 2022, 13, 104.	2.4	8
29	SWI/SNF chromatin remodeling complex is required for initiation of sex-dependent differentiation in mouse germline. <i>Scientific Reports</i> , 2021, 11, 24074.	1.6	8
30	AKT signaling is associated with epigenetic reprogramming via the upregulation of TET and its cofactor, alpha-ketoglutarate during iPSC generation. <i>Stem Cell Research and Therapy</i> , 2021, 12, 510.	2.4	7
31	Five multicopy gene family genes expressed during the maternal-to-zygotic transition are not essential for mouse development. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 752-757.	1.0	4