Yasuhide Furuta

List of Publications by Year in descending order

54 papers	5,521 citations	172207 29 h-index	189595 50 g-index
55 all docs	55 docs citations	55 times ranked	6527 citing authors

#	Article	IF	Citations
1	Reduced cell motility and enhanced focal adhesion contact formation in cells from FAK-deficient mice. Nature, 1995, 377, 539-544.	13.7	1,698
2	Insulin resistance and growth retardation in mice lacking insulin receptor substrate-1. Nature, 1994, 372, 182-186.	13.7	988
3	Parthenogenetic activation of oocytes in c-mos-deficient mice. Nature, 1994, 370, 68-71.	13.7	434
4	Retina- and ventral forebrain-specific Cre recombinase activity in transgenic mice. Genesis, 2000, 26, 130-132.	0.8	181
5	Comparison of the expression of three highly related genes, Fgf8, Fgf17 and Fgf18, in the mouse embryo. Mechanisms of Development, 1998, 74, 175-177.	1.7	178
6	Sox9 is expressed in mouse multipotent retinal progenitor cells and functions in MÃ¼ller Glial cell development. Journal of Comparative Neurology, 2008, 510, 237-250.	0.9	145
7	Threshold-specific requirements for Bmp4 in mandibular development. Developmental Biology, 2005, 283, 282-293.	0.9	128
8	Tbx1 expression in pharyngeal epithelia is necessary for pharyngeal arch artery development. Development (Cambridge), 2005, 132, 5307-5315.	1.2	116
9	Essential pro-Bmp roles of crossveinless 2 in mouse organogenesis. Development (Cambridge), 2006, 133, 4463-4473.	1.2	107
10	Distinct developmental programs require different levels of Bmp signaling during mouse retinal development. Development (Cambridge), 2005, 132, 913-923.	1.2	104
11	Tissue-specific RNAi reveals that WT1 expression in nurse cells controls germ cell survival and spermatogenesis. Genes and Development, 2006, 20, 147-152.	2.7	103
12	Lim1 Is Essential for the Correct Laminar Positioning of Retinal Horizontal Cells. Journal of Neuroscience, 2007, 27, 14099-14107.	1.7	94
13	Six3 promotes the formation of ectopic optic vesicle-like structures in mouse embryos. Developmental Dynamics, 2001, 221, 342-349.	0.8	89
14	Impairment of Mobility in Endodermal Cells by FAK Deficiency. Experimental Cell Research, 1996, 222, 298-303.	1.2	73
15	Eomesodermin, a target gene of Pou4f2, is required for retinal ganglion cell and optic nerve development in the mouse. Development (Cambridge), 2008, 135, 271-280.	1.2	71
16	The Spatial Patterning of Mouse Cone Opsin Expression Is Regulated by Bone Morphogenetic Protein Signaling through Downstream Effector COUP-TF Nuclear Receptors. Journal of Neuroscience, 2009, 29, 12401-12411.	1.7	64
17	Tracing the origin of hair follicle stem cells. Nature, 2021, 594, 547-552.	13.7	62
18	Fgf15 is required for proper morphogenesis of the mouse cardiac outflow tract. Genesis, 2005, 41, 192-201.	0.8	59

#	Article	IF	Citations
19	Pronuclear Microinjection during S-Phase Increases the Efficiency of CRISPR-Cas9-Assisted Knockin of Large DNA Donors in Mouse Zygotes. Cell Reports, 2020, 31, 107653.	2.9	53
20	BMP signaling through ACVRI is required for leftâ€“right patterning in the early mouse embryo. Developmental Biology, 2004, 276, 185-193.	0.9	50
21	A new strategy of gene trapping in ES cells using 3'RACE. Transgenic Research, 1995, 4, 277-287.	1.3	44
22	DEVELOPMENTAL EXPRESSION OF TWO CXC CHEMOKINES, MIP-2 AND KC, AND THEIR RECEPTORS. Cytokine, 2001, 14, 253-263.	1.4	42
23	Persistent fibroblast growth factor 23 signalling in the parathyroid glands for secondary hyperparathyroidism in mice with chronic kidney disease. Scientific Reports, 2017, 7, 40534.	1.6	42
24	Cv2, functioning as a pro-BMP factor via twisted gastrulation, is required for early development of nephron precursors. Developmental Biology, 2010, 337, 405-414.	0.9	41
25	Defective FGF signaling causes coloboma formation and disrupts retinal neurogenesis. Cell Research, 2013, 23, 254-273.	5.7	36
26	Somal positioning and dendritic growth of horizontal cells are regulated by interactions with homotypic neighbors. European Journal of Neuroscience, 2008, 27, 1607-1614.	1.2	35
27	Hepatocarcinogenesis in Transgenic Mice Carrying Albumin-promoted SV40 T Antigen Gene. Japanese Journal of Cancer Research, 1991, 82, 1226-1233.	1.7	31
28	P120-catenin regulates REST/CoREST, and modulates mouse embryonic stem cell differentiation. Journal of Cell Science, 2014, 127, 4037-51.	1.2	31
29	Generation and Characterization of Conditional Heparin-Binding EGF-Like Growth Factor Knockout Mice. PLoS ONE, 2009, 4, e7461.	1.1	31
30	Mest but Not MiR-335 Affects Skeletal Muscle Growth and Regeneration. PLoS ONE, 2015, 10, e0130436.	1.1	31
31	Bone Morphogenetic Proteins, Eye Patterning, and Retinocollicular Map Formation in the Mouse. Journal of Neuroscience, 2008, 28, 7057-7067.	1.7	29
32	A possible aid in targeted insertion of large DNA elements by CRISPR/Cas in mouse zygotes. Genesis, 2016, 54, 65-77.	0.8	29
33	Detection of activated c-H-ras oncogene in hepatocellular carcinomas developing in transgenic mice harboring albumin promoter-regulated simian virus 40 gene. Carcinogenesis, 1990, 11, 1145-1148.	1.3	26
34	Novel lethal mouse mutants produced in balancer chromosome screens. Gene Expression Patterns, 2006, 6, 653-665.	0.3	26
35	Intra-spindle Microtubule Assembly Regulates Clustering of Microtubule-Organizing Centers during Early Mouse Development. Cell Reports, 2016, 15, 54-60.	2.9	25
36	Recent innovations in tissue-specific gene modifications in the mouse. Birth Defects Research Part C: Embryo Today Reviews, 2005, 75, 43-57.	3.6	21

#	Article	IF	Citations
37	Translocase of inner mitochondrial membrane 44 alters the mitochondrial fusion and fission dynamics and protects from type 2 diabetes. Metabolism: Clinical and Experimental, 2015, 64, 677-688.	1.5	20
38	Degeneration of skeletal and cardiac muscles in c-myb transgenic mice. Transgenic Research, 1993, 2, 199-207.	1.3	19
39	Lats1 suppresses centrosome overduplication by modulating the stability of Cdc25B. Scientific Reports, 2015, 5, 16173.	1.6	19
40	Ribosome Incorporation into Somatic Cells Promotes Lineage Transdifferentiation towards Multipotency. Scientific Reports, 2018, 8, 1634.	1.6	17
41	Ovarian Teratomas in Mice Lacking the Protooncogenec-mos. Japanese Journal of Cancer Research, 1995, 86, 540-545.	1.7	16
42	AP-2Î± selectively regulates fragile X mental retardation-1 gene transcription during embryonic development. Human Molecular Genetics, 2005, 14, 2027-2034.	1.4	15
43	Twisted gastrulation mutation suppresses skeletal defect phenotypes in Crossveinless 2 mutant mice. Mechanisms of Development, 2008, 125, 832-842.	1.7	14
44	R26â€WntVis reporter mice showing graded response to Wnt signal levels. Genes To Cells, 2016, 21, 661-669.	0.5	14
45	Apical constriction in distal visceral endoderm cells initiates global, collective cell rearrangement in embryonic visceral endoderm to form anterior visceral endoderm. Developmental Biology, 2017, 429, 20-30.	0.9	14
46	Targeted gene disruption in a marsupial, Monodelphis domestica, by CRISPR/Cas9 genome editing. Current Biology, 2021, 31, 3956-3963.e4.	1.8	14
47	Upâ€regulation of <scp>HP</scp>1Î³ expression during neuronal maturation promotes axonal and dendritic development in mouse embryonic neocortex. Genes To Cells, 2015, 20, 108-120.	0.5	13
48	Smad4 Is Required Predominantly in the Developmental Processes Dependent on the BMP Branch of the TGF-Î² Signaling System in the Embryonic Mouse Retina. , 2011, 52, 2930.		10
49	Activation of Six1 Expression in Vertebrate Sensory Neurons. PLoS ONE, 2015, 10, e0136666.	1.1	8
50	Smad4 is essential for directional progression from committed neural progenitor cells through neuronal differentiation in the postnatal mouse brain. Molecular and Cellular Neurosciences, 2017, 83, 55-64.	1.0	7
51	Regulation of continuous but complex expression pattern of Six1 during early sensory development. Developmental Dynamics, 2018, 247, 250-261.	0.8	4
52	Sox9 is expressed in mouse multipotent retinal progenitor cells and functions in MÃ¼ller Glial cell development. Journal of Comparative Neurology, 2008, 510, spc1-spc1.	0.9	0
53	Sox9 is expressed in mouse multipotent retinal progenitor cells and functions in MÃ¼ller glial cell development. Journal of Comparative Neurology, 2008, 510, spc1-spc1.	0.9	0
54	Animal transgenesis now and beyond in the era of genome editing: Snapshots from the 15th Transgenic Technology Meeting (TT2019) in Kobe, Japan. Genes To Cells, 2019, 24, 762-767.	0.5	0