Yusuke Kamachi

List of Publications by Year
in descending order

42 papers	4,480 citations	218677 26 h-index	289244 40 g-index
45 all docs	45 docs citations	45 times ranked	4734 citing authors

#	Article	IF	Citations
1	Key sequence features of CRISPR RNA for dual-guide CRISPR-Cas9 ribonucleoprotein complexes assembled with wild-type or HiFi Cas9. Nucleic Acids Research, 2022, 50, 2854-2871.	14.5	2
2	Efficient CRISPR-Cas9-Mediated Knock-In of Composite Tags in Zebrafish Using Long ssDNA as a Donor. Frontiers in Cell and Developmental Biology, 2020, 8, 598634.	3.7	27
3	HiBiT-qIP, HiBiT-based quantitative immunoprecipitation, facilitates the determination of antibody affinity under immunoprecipitation conditions. Scientific Reports, 2019, 9, 6895.	3.3	21
4	Cooperation of Sall4 and Sox8 transcription factors in the regulation of the chicken <i>Sox3</i> gene during otic placode development. Development Growth and Differentiation, 2018, 60, 133-145.	1.5	5
5	SOX2â€“Partner Factor Interactions and Enhancer Regulation. , 2016, , 131-144.		0
6	Evolution of Sox2 and Functional Redundancy in Relation to Other SoxB1 Genes. , 2016, , 89-106.		4
7	Regulation of trunk neural crest delamination by <i>Î´</i><scp>EF</scp>1 and Sip1 in the chicken embryo. Development Growth and Differentiation, 2016, 58, 205-214.	1.5	9
8	Sox proteins: regulators of cell fate specification and differentiation. Development (Cambridge), 2013, 140, 4129-4144.	2.5	475
9	Nano-Analysis of DNA Conformation Changes Induced by Transcription Factor Complex Binding Using Plasmonic Nanodimers. ACS Nano, 2013, 7, 10733-10740.	14.6	19
10	Real-time observation of DNA conformational change using gold nanodimers. , 2013, , .		0
11	The Pou5f1/Pou3f-dependent but SoxB-independent regulation of conserved enhancer N2 initiates Sox2 expression during epiblast to neural plate stages in vertebrates. Developmental Biology, 2011, 352, 354-366.	2.0	63
12	An efficient binary system for gene expression in the silkworm, <i>Bombyx mori</i>, using GAL4 variants. Archives of Insect Biochemistry and Physiology, 2011, 76, 195-210.	1.5	28
13	B1 SOX Coordinate Cell Specification with Patterning and Morphogenesis in the Early Zebrafish Embryo. PLoS Genetics, 2010, 6, e1000936.	3.5	121
14	SOXâ€“partner code for cell specification: Regulatory target selection and underlying molecular mechanisms. International Journal of Biochemistry and Cell Biology, 2010, 42, 391-399.	2.8	168
15	Adaptation of GAL4 activators for GAL4 enhancer trapping in zebrafish. Developmental Dynamics, 2009, 238, 641-655.	1.8	50
16	Analysis of protein interactions with two-hybrid system in cultured insect cells. Analytical Biochemistry, 2009, 392, 180-182.	2.4	19
17	Evolution of non-coding regulatory sequences involved in the developmental process: Reflection of differential employment of paralogous genes as highlighted by Sox2 and group B1 Sox genes. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2009, 85, 55-68.	3.8	44
18	Comparative genomics approach to the expression of figÎ±, one of the earliest marker genes of oocyte differentiation in medaka (Oryzias latipes). Gene, 2008, 423, 180-187.	2.2	25

#	Article	IF	Citations
19	Quantitative assessment of the knockdown efficiency of morpholino antisense oligonucleotides in zebrafish embryos using a luciferase assay. Genesis, 2008, 46, 1-7.	1.6	25
20	Hypogonadotropic hypogonadism in an adult female with a heterozygous hypomorphic mutation of SOX2. European Journal of Endocrinology, 2007, 156, 167-171.	3.7	47
21	PAX6 and SOX2â€dependent regulation of the <i>Sox2</i> enhancer Nâ€3 involved in embryonic visual system development. Genes To Cells, 2007, 12, 1049-1061.	1.2	87
22	Triggering neural differentiation of ES cells by subtype switching of importin-Î±. Nature Cell Biology, 2007, 9, 72-79.	10.3	203
23	Comparative genomic and expression analysis of group B1soxgenes in zebrafish indicates their diversification during vertebrate evolution. Developmental Dynamics, 2006, 235, 811-825.	1.8	152
24	Convergence of Wnt and FGF signals in the genesis of posterior neural plate through activation of the Sox2 enhancer N-1. Development (Cambridge), 2006, 133, 297-306.	2.5	131
25	Functional analysis of the chicken<i>Î´1-crystallin</i>enhancer activity in<i>Drosophila</i>reveals remarkable evolutionary conservation between chicken and fly. Development (Cambridge), 2005, 132, 1895-1905.	2.5	37
26	Multiple N-cadherin enhancers identified by systematic functional screening indicate its Group B1 SOX-dependent regulation in neural and placodal development. Developmental Biology, 2005, 286, 601-617.	2.0	52
27	Interplay of Pax6 and SOX2 in lens development as a paradigm of genetic switch mechanisms for cell differentiation. International Journal of Developmental Biology, 2004, 48, 819-827.	0.6	110
28	Interplay of SOX and POU Factors in Regulation of the Nestin Gene in Neural Primordial Cells. Molecular and Cellular Biology, 2004, 24, 8834-8846.	2.3	257
29	Efficient identification of regulatory sequences in the chicken genome by a powerful combination of embryo electroporation and genome comparison. Mechanisms of Development, 2004, 121, 1145-1158.	1.7	77
30	Functional Analysis of Chicken Sox2 Enhancers Highlights an Array of Diverse Regulatory Elements that Are Conserved in Mammals. Developmental Cell, 2003, 4, 509-519.	7.0	353
31	Chromosome assignment of eight <i>SOX</i> family genes in chicken. Cytogenetic and Genome Research, 2002, 98, 189-193.	1.1	18
32	Distinct roles of SOX2, Pax6 and Maf transcription factors in the regulation of lensâ€specific Î´<i>1â€crystallin</i> enhancer. Genes To Cells, 2002, 7, 791-805.	1.2	48
33	Sox18 expression in blood vessels and feather buds during chicken embryogenesis. Gene, 2001, 271, 151-158.	2.2	14
34	Pax6 and SOX2 form a co-DNA-binding partner complex that regulates initiation of lens development. Genes and Development, 2001, 15, 1272-1286.	5.9	351
35	Pairing SOX off: with partners in the regulation of embryonic development. Trends in Genetics, 2000, 16, 182-187.	6.7	592
36	Two distinct subgroups of Group B Sox genes for transcriptional activators and repressors: their expression during embryonic organogenesis of the chicken. Mechanisms of Development, 1999, 84, 103-120.	1.7	300

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37	Mechanism of Regulatory Target Selection by the SOX High-Mobility-Group Domain Proteins as Revealed by Comparison of SOX1/2/3 and SOX9. Molecular and Cellular Biology, 1999, 19, 107-120.	2.3	165
38	Identification and functional analysis of the mouse lens filensin gene promoter. Gene, 1998, 214, 77-86.	2.2	12
39	Two mechanisms in the action of repressor Î´EF1: binding site competition with an activator and active repression. Genes To Cells, 1997, 2, 771-783.	1.2	76
40	A murine Thy-1.2 reporter vector containing a SV40 origin for rapid cloning and analysis of eukaryotic promoters. Gene, 1995, 153, 277-278.	2.2	1
41	Identification of nuclear factor Î´EF1 and its binding site essential for lens-specific activity of the Î´1-crystallin enhancer. Nucleic Acids Research, 1991, 19, 3543-3547.	14.5	68
42	Purification of a mouse nuclear factor that binds to both the A and B cores of the polyomavirus enhancer. Journal of Virology, 1990, 64, 4808-4819.	3.4	221