

# Yusuke Kamachi

## List of Publications by Year in descending order

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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	Pairing SOX off: with partners in the regulation of embryonic development. <i>Trends in Genetics</i> , 2000, 16, 182-187.	6.7	592
2	Sox proteins: regulators of cell fate specification and differentiation. <i>Development (Cambridge)</i> , 2013, 140, 4129-4144.	2.5	475
3	Functional Analysis of Chicken Sox2 Enhancers Highlights an Array of Diverse Regulatory Elements that Are Conserved in Mammals. <i>Developmental Cell</i> , 2003, 4, 509-519.	7.0	353
4	Pax6 and SOX2 form a co-DNA-binding partner complex that regulates initiation of lens development. <i>Genes and Development</i> , 2001, 15, 1272-1286.	5.9	351
5	Two distinct subgroups of Group B Sox genes for transcriptional activators and repressors: their expression during embryonic organogenesis of the chicken. <i>Mechanisms of Development</i> , 1999, 84, 103-120.	1.7	300
6	Interplay of SOX and POU Factors in Regulation of the Nestin Gene in Neural Primordial Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 8834-8846.	2.3	257
7	Purification of a mouse nuclear factor that binds to both the A and B cores of the polyomavirus enhancer. <i>Journal of Virology</i> , 1990, 64, 4808-4819.	3.4	221
8	Triggering neural differentiation of ES cells by subtype switching of importin- $\beta$ . <i>Nature Cell Biology</i> , 2007, 9, 72-79.	10.3	203
9	SOX's partner code for cell specification: Regulatory target selection and underlying molecular mechanisms. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 391-399.	2.8	168
10	Mechanism of Regulatory Target Selection by the SOX High-Mobility-Group Domain Proteins as Revealed by Comparison of SOX1/2/3 and SOX9. <i>Molecular and Cellular Biology</i> , 1999, 19, 107-120.	2.3	165
11	Comparative genomic and expression analysis of group B1soxgenes in zebrafish indicates their diversification during vertebrate evolution. <i>Developmental Dynamics</i> , 2006, 235, 811-825.	1.8	152
12	Convergence of Wnt and FGF signals in the genesis of posterior neural plate through activation of the Sox2 enhancer N-1. <i>Development (Cambridge)</i> , 2006, 133, 297-306.	2.5	131
13	B1 SOX Coordinate Cell Specification with Patterning and Morphogenesis in the Early Zebrafish Embryo. <i>PLoS Genetics</i> , 2010, 6, e1000936.	3.5	121
14	Interplay of Pax6 and SOX2 in lens development as a paradigm of genetic switch mechanisms for cell differentiation. <i>International Journal of Developmental Biology</i> , 2004, 48, 819-827.	0.6	110
15	PAX6 and SOX2-dependent regulation of the <i>Sox2</i> enhancer N-3 involved in embryonic visual system development. <i>Genes To Cells</i> , 2007, 12, 1049-1061.	1.2	87
16	Efficient identification of regulatory sequences in the chicken genome by a powerful combination of embryo electroporation and genome comparison. <i>Mechanisms of Development</i> , 2004, 121, 1145-1158.	1.7	77
17	Two mechanisms in the action of repressor $\beta$ 1: binding site competition with an activator and active repression. <i>Genes To Cells</i> , 1997, 2, 771-783.	1.2	76
18	Identification of nuclear factor $\beta$ 1 and its binding site essential for lens-specific activity of the $\beta$ 1-crystallin enhancer. <i>Nucleic Acids Research</i> , 1991, 19, 3543-3547.	14.5	68

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19	The Pou5f1/Pou3f-dependent but SoxB-independent regulation of conserved enhancer N2 initiates Sox2 expression during epiblast to neural plate stages in vertebrates. <i>Developmental Biology</i> , 2011, 352, 354-366.	2.0	63
20	Multiple N-cadherin enhancers identified by systematic functional screening indicate its Group B1 SOX-dependent regulation in neural and placodal development. <i>Developmental Biology</i> , 2005, 286, 601-617.	2.0	52
21	Adaptation of GAL4 activators for GAL4 enhancer trapping in zebrafish. <i>Developmental Dynamics</i> , 2009, 238, 641-655.	1.8	50
22	Distinct roles of SOX2, Pax6 and Maf transcription factors in the regulation of lens-specific $\gamma$ -crystallin enhancer. <i>Genes To Cells</i> , 2002, 7, 791-805.	1.2	48
23	Hypogonadotropic hypogonadism in an adult female with a heterozygous hypomorphic mutation of SOX2. <i>European Journal of Endocrinology</i> , 2007, 156, 167-171.	3.7	47
24	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. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2009, 85, 55-68.	3.8	44
25	Functional analysis of the chicken $\gamma$ -crystallin enhancer activity in <i>Drosophila</i> reveals remarkable evolutionary conservation between chicken and fly. <i>Development (Cambridge)</i> , 2005, 132, 1895-1905.	2.5	37
26	An efficient binary system for gene expression in the silkworm, <i>Bombyx mori</i> , using GAL4 variants. <i>Archives of Insect Biochemistry and Physiology</i> , 2011, 76, 195-210.	1.5	28
27	Efficient CRISPR-Cas9-Mediated Knock-In of Composite Tags in Zebrafish Using Long ssDNA as a Donor. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 598634.	3.7	27
28	Comparative genomics approach to the expression of <i>fig1±</i> , one of the earliest marker genes of oocyte differentiation in medaka ( <i>Oryzias latipes</i> ). <i>Gene</i> , 2008, 423, 180-187.	2.2	25
29	Quantitative assessment of the knockdown efficiency of morpholino antisense oligonucleotides in zebrafish embryos using a luciferase assay. <i>Genesis</i> , 2008, 46, 1-7.	1.6	25
30	HiBiT-qIP, HiBiT-based quantitative immunoprecipitation, facilitates the determination of antibody affinity under immunoprecipitation conditions. <i>Scientific Reports</i> , 2019, 9, 6895.	3.3	21
31	Analysis of protein interactions with two-hybrid system in cultured insect cells. <i>Analytical Biochemistry</i> , 2009, 392, 180-182.	2.4	19
32	Nano-Analysis of DNA Conformation Changes Induced by Transcription Factor Complex Binding Using Plasmonic Nanodimers. <i>ACS Nano</i> , 2013, 7, 10733-10740.	14.6	19
33	Chromosome assignment of eight <i>SOX</i> family genes in chicken. <i>Cytogenetic and Genome Research</i> , 2002, 98, 189-193.	1.1	18
34	Sox18 expression in blood vessels and feather buds during chicken embryogenesis. <i>Gene</i> , 2001, 271, 151-158.	2.2	14
35	Identification and functional analysis of the mouse lens filensin gene promoter. <i>Gene</i> , 1998, 214, 77-86.	2.2	12
36	Regulation of trunk neural crest delamination by <i>EF</i> 1 and Sip1 in the chicken embryo. <i>Development Growth and Differentiation</i> , 2016, 58, 205-214.	1.5	9

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37	Cooperation of Sall4 and Sox8 transcription factors in the regulation of the chicken <i>Sox3</i> gene during otic placode development. <i>Development Growth and Differentiation</i> , 2018, 60, 133-145.	1.5	5
38	Evolution of Sox2 and Functional Redundancy in Relation to Other SoxB1 Genes. , 2016, , 89-106.		4
39	Key sequence features of CRISPR RNA for dual-guide CRISPR-Cas9 ribonucleoprotein complexes assembled with wild-type or HiFi Cas9. <i>Nucleic Acids Research</i> , 2022, 50, 2854-2871.	14.5	2
40	A murine Thy-1.2 reporter vector containing a SV40 origin for rapid cloning and analysis of eukaryotic promoters. <i>Gene</i> , 1995, 153, 277-278.	2.2	1
41	SOX2â€œPartner Factor Interactions and Enhancer Regulation. , 2016, , 131-144.		0
42	Real-time observation of DNA conformational change using gold nanodimers. , 2013, , .		0