Kyo Yamasu

List of Publications by Year
in descending order

55 papers	878 citations	471509 17 h-index	526287 27 g-index
58 all docs	58 docs citations	58 times ranked	838 citing authors

#	Article	IF	Citations
1	A globin-family protein, Cytoglobin 1, is involved in the development of neural crest-derived tissues and organs in zebrafish. Developmental Biology, 2021, 472, 1-17.	2.0	1
2	Involvement of Oct4â€type transcription factor Pou5f3 in posterior spinal cord formation in zebrafish embryos. Development Growth and Differentiation, 2021, 63, 306-322.	1.5	2
3	Involvement of an Oct4-related PouV gene, pou5f3/pou2, in neurogenesis in the early neural plate of zebrafish embryos. Developmental Biology, 2020, 457, 30-42.	2.0	6
4	Role of somite patterning in the formation of Weberian apparatus and pleural rib in zebrafish. Journal of Anatomy, 2020, 236, 622-629.	1.5	4
5	Transcriptional autoregulation of zebrafish <i>tbx6</i> is required for somite segmentation. Development (Cambridge), 2019, 146, .	2.5	9
6	4D imaging identifies dynamic migration and the fate of gbx2-expressing cells in the brain primordium of zebrafish. Neuroscience Letters, 2019, 690, 112-119.	2.1	1
7	Optical interrogation of neuronal circuitry in zebrafish using genetically encoded voltage indicators. Scientific Reports, 2018, 8, 6048.	3.3	24
8	In vitro analysis of the transcriptional regulatory mechanism of zebrafish pou5f3. Experimental Cell Research, 2018, 364, 28-41.	2.6	5
9	Early development of the enteric nervous system visualized by using a new transgenic zebrafish line harboring a regulatory region for choline acetyltransferase a (chata) gene. Gene Expression Patterns, 2018, 28, 12-21.	0.8	9
10	The role of gastrulation brain homeobox 2 (gbx2) in the development of the ventral telencephalon in zebrafish embryos. Differentiation, 2018, 99, 28-40.	1.9	7
11	Optical measurement of neuronal activity in the developing cerebellum of zebrafish using voltage-sensitive dye imaging. NeuroReport, 2018, 29, 1349-1354.	1.2	11
12	Deadenylation by the <scp>CCR</scp>4â€<scp>NOT</scp> complex contributes to the turnover of <i>hairy</i>â€related <scp>mRNA</scp>s in the zebrafish segmentation clock. FEBS Letters, 2018, 592, 3388-3398.	2.8	9
13	Functional roles of the Ripply-mediated suppression of segmentation gene expression at the anterior presomitic mesoderm in zebrafish. Mechanisms of Development, 2018, 152, 21-31.	1.7	8
14	Comprehensive analysis of target genes in zebrafish embryos reveals gbx2 involvement in neurogenesis. Developmental Biology, 2017, 430, 237-248.	2.0	15
15	Enhancer activity-based identification of functional enhancers using zebrafish embryos. Genomics, 2016, 108, 102-107.	2.9	5
16	Posteriorâ€“anterior gradient of zebrafish hes6 expression in the presomitic mesoderm is established by the combinatorial functions of the downstream enhancer and 3â€²UTR. Developmental Biology, 2016, 409, 543-554.	2.0	6
17	Gbx2 functions as a transcriptional repressor to regulate the specification and morphogenesis of the midâ€“hindbrain junction in a dosage- and stage-dependent manner. Mechanisms of Development, 2013, 130, 532-552.	1.7	19
18	Binding Properties of Thyroxine to Nuclear Extract from Sea Urchin Larvae. Zoological Science, 2012, 29, 79-82.	0.7	9

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19	Mesendoderm specification depends on the function of <scp>P</scp>ou2, the class V <scp>POU</scp>â€•type transcription factor, during zebrafish embryogenesis. Development Growth and Differentiation, 2012, 54, 686-701.	1.5	15
20	Pou2, a class V POU-type transcription factor in zebrafish, regulates dorsoventral patterning and convergent extension movement at different blastula stages. Mechanisms of Development, 2012, 129, 219-235.	1.7	18
21	Retinoic acid-dependent establishment of positional information in the hindbrain was conserved during vertebrate evolution. Developmental Biology, 2011, 350, 154-168.	2.0	6
22	FGF receptor gene expression and its regulation by FGF signaling during early zebrafish development. Genesis, 2010, 48, 707-716.	1.6	27
23	FGF receptor gene expression and its regulation by FGF signaling during early zebrafish development. Genesis, 2010, 48, spcone-spcone.	1.6	0
24	The roles of the FGF signal in zebrafish embryos analyzed using constitutive activation and dominant-negative suppression of different FGF receptors. Mechanisms of Development, 2009, 126, 1-17.	1.7	34
25	Autoregulatory loop and retinoic acid repression regulate <i>pou2/pou5f1</i> gene expression in the zebrafish embryonic brain. Developmental Dynamics, 2008, 237, 1373-1388.	1.8	26
26	Transcription of fgf8 is regulated by activating and repressive cis-elements at the midbrainâ€“hindbrain boundary in zebrafish embryos. Developmental Biology, 2008, 316, 471-486.	2.0	19
27	Initial specification of the epibranchial placode in zebrafish embryos depends on the fibroblast growth factor signal. Developmental Dynamics, 2007, 236, 564-571.	1.8	50
28	Three enhancer regions regulate gbx2 gene expression in the isthmic region during zebrafish development. Mechanisms of Development, 2006, 123, 907-924.	1.7	17
29	Genomic organization, alternative splicing, and multiple regulatory regions of the zebrafish fgf8 gene. Development Growth and Differentiation, 2006, 48, 447-462.	1.5	27
30	Structure of the zebrafish fasciclin I-related extracellular matrix protein (Î²ig-h3) and its characteristic expression during embryogenesis. Gene Expression Patterns, 2003, 3, 331-336.	0.8	11
31	gbx2 Homeobox gene is required for the maintenance of the isthmic region in the zebrafish embryonic brain. Developmental Dynamics, 2003, 228, 433-450.	1.8	52
32	Function of a sea urchin egg Src family kinasein initiating Ca2+ release at fertilization. Developmental Biology, 2003, 256, 367-378.	2.0	47
33	Characterization of the upstream region that regulates the transcription of the gene for the precursor to EGF-related peptides, exogastrula-inducing peptides, of the sea urchin Anthocidaris crassispina. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2003, 136, 15-26.	1.6	2
34	Expression of the FGF receptor 2 gene (fgfr2) during embryogenesis in the zebrafish Danio rerio. Mechanisms of Development, 2002, 119, S173-S178.	1.7	33
35	Genomic organization of the gene that encodes the precursor to EGF-related peptides, exogastrula-inducing peptides, of the sea urchin Anthocidaris crassispina. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2002, 1574, 311-320.	2.4	4
36	Role of syndecan in the elongation of postoral arms in sea urchin larvae. Development Growth and Differentiation, 2002, 44, 45-53.	1.5	3

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37	Identification of ephrin-A3 and novel genes specific to the midbrain-MHB in embryonic zebrafish by ordered differential display. Mechanisms of Development, 2001, 107, 83-96.	1.7	21
38	Cloning and characterization of cDNA for syndecan core protein in sea urchin embryos. Development Growth and Differentiation, 2000, 42, 449-458.	1.5	4
39	Expression of a src-type protein tyrosine kinase gene, AcSrc1, in the sea urchin embryo. Development Growth and Differentiation, 1999, 41, 19-28.	1.5	18
40	Functional organization of DNA elements regulating SM30alpha, a spicule matrix gene of sea urchin embryos. Development Growth and Differentiation, 1999, 41, 81-91.	1.5	16
41	Association of the sea urchin EGF-related peptide, EGIP-D, with fasciclin I-related ECM proteins from the sea urchin Anthocidaris crassispina. Development Growth and Differentiation, 1999, 41, 483-494.	1.5	12
42	Expression of the Gene for Translation Elongation Factor 1Î±-Related Protein during Development of the Sea Urchin Anthocidaris crassispina. Zoological Science, 1999, 16, 785-792.	0.7	2
43	Induction of metamorphosis in the sand dollar Peronella japonica by thyroid hormones. Development Growth and Differentiation, 1998, 40, 307-312.	1.5	41
44	Purification of EGIP-D-Binding Protein from the Embryos of the Sea Urchin Anthocidaris crassispina. Zoological Science, 1997, 14, 931-934.	0.7	4
45	The Protein Tyrosine Kinases of the Sea Urchin Anthocidaris crassispina. Zoological Science, 1997, 14, 941-946.	0.7	20
46	Molecular Cloning of a cDNA that Encodes the Precursor to Several Exogastrula-inducing Peptides, Epidermal-growth-factor-related Polypeptides of the Sea Urchin Anthocidaris crassispina. FEBS Journal, 1995, 228, 515-523.	0.2	4
47	Molecular Cloning of a cDNA that Encodes the Precursor to Several Exogastrula-inducing Peptides, Epidermal-growth-factor-related Polypeptides of the Sea Urchin Anthocidaris crassispina. FEBS Journal, 1995, 228, 515-523.	0.2	16
48	A Protein That Binds an Exogastrula-Inducing Peptide, EGIP-D, in the Hyaline Layer of Sea Urchin Embryos. (exogastrula-inducing peptide (EGIP)/binding protein/hyaline layer/sea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 Td (urchin/ex	1.5	7
49	Formation of the Adult Rudiment of Sea Urchins Is Influenced by Thyroid Hormones. Developmental Biology, 1994, 161, 1-11.	2.0	80
50	Localization of an Exogastrula-Inducing Peptide (EGIP) in Embryos of the Sea Urchin Anthocidaris crassispina. (Exogastrula-inducing peptide (EGIP)/gastrulation/acidic vesicle/sea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 Td (urchin/ex	1.5	9
51	Conservation of the Dimeric Unit of H2A and H2B Histones during the Replication Cycle. Experimental Cell Research, 1993, 207, 226-229.	2.6	1
52	Maternal Exogastrula-Inducing Peptides (EGIPs) and Their Changes during Development in the Sea Urchin Anthocidaris crassispina. Development Growth and Differentiation, 1992, 34, 661-668.	1.5	10
53	Conservative Segregation of Tetrameric Units of H3 and H4 Histones during Nucleosome Replication. Journal of Biochemistry, 1990, 107, 15-20.	1.7	37
54	Reassembly of Nucleosomal Histone Octamers during Replication of Chromatin1. Journal of Biochemistry, 1987, 101, 1041-1049.	1.7	6

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55	Fractionation of newly replicated nucleosomes by density labeling and rate zonal centrifugation for the analysis of the deposition sites of newly synthesized nucleosomal core histones. FEBS Journal, 1985, 150, 575-580.	0.2	13