# Yutaka Satou

List of Publications by Year
in descending order



| 154 | 12,175 | 23567 58 | 28297 105 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 159 | 159 | 159 | 6187 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Tbx15/18/22 shares a binding site with Tbx6-r.b to maintain expression of a muscle structural gene in ascidian late embryos. Developmental Biology, 2022, 483, 1-12. | 2.0 | 7 |
| 2 | A Manually Curated Gene Model Set for an Ascidian, Ciona robusta (Ciona intestinalis Type A). Zoological Science, 2022, 39, . | 0.7 | 18 |
| 3 | Protein kinases and protein phosphatases encoded in the Ciona robusta genome. Genesis, 2022, 60, e23471. | 1.6 | 2 |
| 4 | Using linkage logic theory to control dynamics of a gene regulatory network of a chordate embryo. Scientific Reports, 2021, 11, 4001. | 3.3 | 6 |
| 5 | Chromosomal Inversion Polymorphisms in Two Sympatric Ascidian Lineages. Genome Biology and Evolution, 2021, 13, . | 2.5 | 13 |
| 6 | Two distinct motifs for Zic-r.a drive specific gene expression in two cell lineages. Development (Cambridge), 2021, 148, . | 2.5 | 2 |
| 7 | The gene regulatory system for specifying germ layers in early embryos of the simple chordate. Science Advances, 2021, 7, . | 10.3 | 6 |
| 8 | Cis-regulatory code for determining the action of Foxd as both an activator and a repressor in ascidian embryos. Developmental Biology, 2021, 476, 11-17. | 2.0 | 5 |
| 9 | Cell geometry, signal dampening, and a bimodal transcriptional response underlie the spatial precision of an ERK-mediated embryonic induction. Developmental Cell, 2021, 56, 2966-2979.e10. | 7.0 | 9 |
| 10 | Gata is ubiquitously required for the earliest zygotic gene transcription in the ascidian embryo. Developmental Biology, 2020, 458, 215-227. | 2.0 | 7 |
| 11 | A single-cell analysis of the molecular lineage of chordate embryogenesis. Science Advances, 2020, 6, . | 10.3 | 18 |
| 12 | The genetic program to specify ectodermal cells in ascidian embryos. Development Growth and Differentiation, 2020, 62, 301-310. | 1.5 | 12 |
| 13 | A gene regulatory network for cell fate specification in Ciona embryos. Current Topics in Developmental Biology, 2020, 139, 1-33. | 2.2 | 8 |
| 14 | High-Throughput Protein Production Combined with High- Throughput SELEX Identifies an Extensive Atlas of Ciona robusta Transcription Factor DNA-Binding Specificities. Methods in Molecular Biology, 2019, 2025, 487-517. | 0.9 | 15 |
| 15 | A Nearly Complete Genome of Ciona intestinalis Type A (C.Ârobusta) Reveals the Contribution of Inversion to Chromosomal Evolution in the Genus Ciona. Genome Biology and Evolution, 2019, 11, 3144-3157. | 2.5 | 81 |
| 16 | The regulatory pathway from genes directly activated by maternal factors to muscle structural genes in ascidian embryos. Development (Cambridge), 2019, 146, . | 2.5 | 13 |
| 17 | Foxg specifies sensory neurons in the anterior neural plate border of the ascidian embryo. Nature Communications, 2019, 10, 4911. | 12.8 | 20 |
| 18 | Ascidian Zic Genes. Advances in Experimental Medicine and Biology, 2018, 1046, 87-106. | 1.6 | 3 |

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| 19 | Initiation of the zygotic genetic program in the ascidian embryo. Seminars in Cell and Developmental Biology, 2018, 84, 111-117. | 5.0 | 8 |
| 20 | ANISEED 2017: extending the integrated ascidian database to the exploration and evolutionary comparison of genome-scale datasets. Nucleic Acids Research, 2018, 46, D718-D725. | 14.5 | 90 |
| 21 | Dynamics of two key maternal factors that initiate zygotic regulatory programs in ascidian embryos. Developmental Biology, 2018, 437, 50-59. | 2.0 | 9 |
| 22 | Distinct regulation of Snail in two muscle lineages of the ascidian embryo achieves temporal coordination of muscle development. Development (Cambridge), 2018, 145, . | 2.5 | 11 |
| 23 | Controlling Cell Fate Specification System by Key Genes Determined from Network Structure. IScience, 2018, 4, 281-293. | 4.1 | 28 |
| 24 | Microinjection of Exogenous Nucleic Acids into Eggs: Ciona Species. Advances in Experimental Medicine and Biology, 2018, 1029, 5-13. | 1.6 | 10 |
| 25 | Tfap2 and Sox1/2/3 cooperatively specify ectodermal fates in ascidian embryos. Development (Cambridge), 2017, 144, 33-37. | 2.5 | 21 |
| 26 | Differential temporal control of Foxa.a and Zic-r.b specifies brain versus notochord fate in the ascidian embryo. Development (Cambridge), 2017, 144, 38-43. | 2.5 | 20 |
| 27 | Differential gene expression along the animal-vegetal axis in the ascidian embryo is maintained by a dual functional protein Foxd. PLoS Genetics, 2017, 13, e1006741. | 3.5 | 14 |
| 28 | A Maternal System Initiating the Zygotic Developmental Program through Combinatorial Repression in the Ascidian Embryo. PLoS Genetics, 2016, 12, e1006045. | 3.5 | 38 |
| 29 | Antagonism between Î²-catenin and Gata.a sequentially segregates the germ layers of ascidian embryos. Development (Cambridge), 2016, 143, 4167-4172. | 2.5 | 15 |
| 30 | Dysregulation of a potassium channel, THIK-1, targeted by caspase-8 accelerates cell shrinkage. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 2766-2783. | 4.1 | 7 |
| 31 | Guidelines for the nomenclature of genetic elements in tunicate genomes. Genesis, 2015, 53, 1-14. | 1.6 | 59 |
| 32 | Gene regulatory systems that control gene expression in the <i>Ciona</i> embryo. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2015, 91, 33-51. | 3.8 | 30 |
| 33 | Genetic pathways for differentiation of the peripheral nervous system in ascidians. Nature Communications, 2015, 6, 8719. | 12.8 | 37 |
| 34 | Sustained Heterozygosity Across a Self-Incompatibility Locus in an Inbred Ascidian. Molecular Biology and Evolution, 2015, 32, 81-90. | 8.9 | 6 |
| 35 | A pipeline for the systematic identification of non-redundant full-ORF cDNAs for polymorphic and evolutionary divergent genomes: Application to the ascidian Ciona intestinalis. Developmental Biology, 2015, 404, 149-163. | 2.0 | 20 |
| 36 | A Boolean Function for Neural Induction Reveals a Critical Role of Direct Intercellular Interactions in Patterning the Ectoderm of the Ascidian Embryo. PLoS Computational Biology, 2015, 11, e1004687. | 3.2 | 13 |

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| 37 | The Apoptotic Initiator Caspase-8: Its Functional Ubiquity and Genetic Diversity during Animal Evolution. Molecular Biology and Evolution, 2014, 31, 3282-3301. | 8.9 | 25 |
| 38 | Transcriptome dynamics in early embryos of the ascidian, Ciona intestinalis. Developmental Biology, 2013, 384, 375-385. | 2.0 | 24 |
| 39 | A time delay gene circuit is required for palp formation in the ascidian embryo. Development (Cambridge), 2013, 140, 4703-4708. | 2.5 | 32 |
| 40 | Multiple Signaling Pathways Coordinate to Induce a Threshold Response in a Chordate Embryo. PLoS Genetics, 2013, 9, e1003818. | 3.5 | 39 |
| 41 | Differential gene expression in notochord and nerve cord fate segregation in the Ciona intestinalis embryo. Genesis, 2013, 51, 647-659. | 1.6 | 4 |
| 42 | Blood System Formation in the Urochordate Ciona intestinalis Requires the Variable Receptor vCRL1. Molecular Biology and Evolution, 2012, 29, 3081-3093. | 8.9 | 11 |
| 43 | Cis - Acting Transcriptional Repression Establishes a Sharp Boundary in Chordate Embryos. Science, 2012, 337, 964-967. | 12.6 | 31 |
| 44 | A genomic overview of short genetic variations in a basal chordate, Ciona intestinalis. BMC Genomics, 2012, 13, 208. | 2.8 | 16 |
| 45 | Expression of neuropeptide- and hormone-encoding genes in the Ciona intestinalis larval brain. Developmental Biology, 2011, 352, 202-214. | 2.0 | 35 |
| 46 | High-throughput protein expression screening and purification in Escherichia coli. Methods, 2011, 55, 65-72. | 3.8 | 80 |
| 47 | Blastema induction in aneurogenic state and Prrx-1 regulation by MMPs and FGFs in Ambystoma mexicanum limb regeneration. Developmental Biology, 2011, 355, 263-274. | 2.0 | 89 |
| 48 | CIPRO 2.5: Ciona intestinalis Protein integrated database with large-scale omics data, bioinformatic analyses and curated annotation, with ability for user rating and comments. Nature Precedings, 2011, , . | 0.1 | 0 |
| 49 | CIPRO 2.5: Ciona intestinalis protein database, a unique integrated repository of large-scale omics data, bioinformatic analyses and curated annotation, with user rating and reviewing functionality. Nucleic Acids Research, 2011, 39, D807-D814. | 14.5 | 24 |
| 50 | Genomic cis-regulatory networks in the early Ciona intestinalis embryo. Development (Cambridge), 2010, 137, 1613-1623. | 2.5 | 61 |
| 51 | High-throughput sequence analysis of Ciona intestinalis SL trans-spliced mRNAs: Alternative expression modes and gene function correlates. Genome Research, 2010, 20, 636-645. | 5.5 | 40 |
| 52 | The ANISEED database: Digital representation, formalization, and elucidation of a chordate developmental program. Genome Research, 2010, 20, 1459-1468. | 5.5 | 105 |
| 53 | Gene-regulatory networks in the Ciona embryos. Briefings in Functional Genomics & Proteomics, 2009, 8, 250-255. | 3.8 | 8 |
| 54 | Gene regulatory networks underlying the compartmentalization of theCionacentral nervous system. Development (Cambridge), 2009, 136, 285-293. | 2.5 | 144 |

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|---|---|---|---|
| 55 | Caspases: evolutionary aspects of their functions in vertebrates. Journal of Fish Biology, 2009, 74, 727-753. | 1.6 | 110 |
| 56 | Gene regulatory networks in the early ascidian embryo. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2009, 1789, 268-273. | 1.9 | 17 |
| 57 | M-Ras evolved independently of R-Ras and its neural function is conserved between mammalian and ascidian, which lacks classical Ras. Gene, 2009, 429, 49-58. | 2.2 | 15 |
| 58 | Regulatory genes in the ancestral chordate genomes. Development Genes and Evolution, 2008, 218, 715-721. | 0.9 | 24 |
| 59 | A cDNA resource for the cephalochordate amphioxus Branchiostoma floridae. Development Genes and Evolution, 2008, 218, 723-727. | 0.9 | 55 |
| 60 | The amphioxus genome and the evolution of the chordate karyotype. Nature, 2008, 453, 1064-1071. | 27.8 | 1,496 |
| 61 | Improved genome assembly and evidence-based global gene model set for the chordate Ciona intestinalis: new insight into intron and operon populations. Genome Biology, 2008, 9, R152. | 9.6 | 192 |
| 62 | The amphioxus genome illuminates vertebrate origins and cephalochordate biology. Genome Research, 2008, 18, 1100-1111. | 5.5 | 456 |
| 63 | Analysis of large scale expression sequenced tags (ESTs) from the anural ascidian, Molgula tectiformis. Developmental Biology, 2007, 307, 460-482. | 2.0 | 17 |
| 64 | Gene expression profile during the life cycle of the urochordate Ciona intestinalis. Developmental Biology, 2007, 308, 572-582. | 2.0 | 60 |
| 65 | Conserved function of caspase-8 in apoptosis during bony fish evolution. Gene, 2007, 396, 134-148. | 2.2 | 49 |
| 66 | Axial patterning in cephalochordates and the evolution of the organizer. Nature, 2007, 445, 613-617. | 27.8 | 242 |
| 67 | The evolutionary conservation of the core components necessary for the extrinsic apoptotic signaling pathway, in Medaka fish. BMC Genomics, 2007, 8, 141. | 2.8 | 32 |
| 68 | Further EST analysis of endocrine genes that are preferentially expressed in the neural complex of Ciona intestinalis: Receptor and enzyme genes associated with endocrine system in the neural complex. General and Comparative Endocrinology, 2007, 150, 233-245. | 1.8 | 24 |
| 69 | Systematic analysis of embryonic expression profiles of zinc finger genes in Ciona intestinalis. Developmental Biology, 2006, 292, 546-554. | 2.0 | 50 |
| 70 | Genomic overview of mRNA 5'-leader trans-splicing in the ascidian Ciona intestinalis. Nucleic Acids Research, 2006, 34, 3378-3388. | 14.5 | 62 |
| 71 | Gene regulatory networks for the development and evolution of the chordate heart. Genes and Development, 2006, 20, 2634-2638. | 5.9 | 32 |
| 72 | Cloning and characterization of an ascidian homolog of the human 8-oxoguanine DNA glycosylase (Ogg1) that is involved in the repair of 8-oxo-7,8-dihydroguanine in DNA inCiona intestinalis. International Journal of Radiation Biology, 2006, 82, 241-250. | 1.8 | 6 |

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| 73 | Regulatory Blueprint for a Chordate Embryo. Science, 2006, 312, 1183-1187. | 12.6 | 368 |
| 74 | Dynamic changes in developmental gene expression in the basal chordate Ciona intestinalis. Development Growth and Differentiation, 2005, 47, 187-199. | 1.5 | 16 |
| 75 | The cell death machinery controlled by Bax and Bcl-XL is evolutionarily conserved in Ciona intestinalis. Apoptosis: an International Journal on Programmed Cell Death, 2005, 10, 1211-1220. | 4.9 | 14 |
| 76 | Cataloging transcription factor and major signaling molecule genes for functional genomic studies in Ciona intestinalis. Development Genes and Evolution, 2005, 215, 580-596. | 0.9 | 22 |
| 77 | Comprehensive analysis of the ascidian genome reveals novel insights into the molecular evolution of ion channel genes. Physiological Genomics, 2005, 22, 269-282. | 2.3 | 91 |
| 78 | Assembly of polymorphic genomes: Algorithms and application to Ciona savignyi. Genome Research, 2005, 15, 1127-1135. | 5.5 | 170 |
| 79 | Chromosomal mapping of 170 BAC clones in the ascidian Ciona intestinalis. Genome Research, 2005, 16, 297-303. | 5.5 | 45 |
| 80 | A saturation screen for cis-acting regulatory DNA in the Hox genes of Ciona intestinalis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 679-683. | 7.1 | 34 |
| 81 | A Genome-Wide Survey of Genes for Enzymes Involved in Pigment Synthesis in an Ascidian, Ciona intestinalis. Zoological Science, 2005, 22, 723-734. | 0.7 | 33 |
| 82 | An Integrated Database of the Ascidian, Ciona intestinalis: Towards Functional Genomics. Zoological Science, 2005, 22, 837-843. | 0.7 | 173 |
| 83 | Ci-Tbx6b and Ci-Tbx6c are key mediators of the maternal effect gene Ci-macho1 in muscle cell differentiation in Ciona intestinalis embryos. Developmental Biology, 2005, 282, 535-549. | 2.0 | 65 |
| 84 | Microarray analysis of localization of maternal transcripts in eggs and early embryos of the ascidian, Ciona intestinalis. Developmental Biology, 2005, 284, 536-550. | 2.0 | 60 |
| 85 | A bHLH transcription factor gene, Twist-like1, is essential for the formation of mesodermal tissues of Ciona juveniles. Developmental Biology, 2005, 288, 387-396. | 2.0 | 40 |
| 86 | Fluorescentin situHybridization to Ascidian Chromosomes. Zoological Science, 2004, 21, 153-157. | 0.7 | 15 |
| 87 | Identification of Transcripts Expressed Preferentially in Hemocytes of Ciona intestinalis that can be Used as Molecular Markers. DNA Research, 2004, 11, 345-352. | 3.4 | 14 |
| 88 | Gene expression profiles of transcription factors and signaling molecules in the ascidian embryo: towards a comprehensive understanding of gene networks. Development (Cambridge), 2004, 131, 4047-4058. | 2.5 | 371 |
| 89 | Tachykinin and Tachykinin Receptor of an Ascidian, Ciona intestinalis. Journal of Biological Chemistry, 2004, 279, 53798-53805. | 3.4 | 77 |
| 90 | The ascidian Mesp gene specifies heart precursor cells. Development (Cambridge), 2004, 131, 2533-2541. | 2.5 | 122 |

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| 91 | A zinc finger transcription factor, ZicL, is a direct activator of Brachyury in the notochord specification of Ciona intestinalis. Development (Cambridge), 2004, 131, 1279-1288. | 2.5 | 84 |
| 92 | The evolutionary origin of animal cellulose synthase. Development Genes and Evolution, 2004, 214, 81-88. | 0.9 | 142 |
| 93 | T-box genes in the ascidianCiona intestinalis: Characterization of cDNAs and spatial expression. Developmental Dynamics, 2004, 230, 743-753. | 1.8 | 59 |
| 94 | Three distinct lineages of mesenchymal cells in Ciona intestinalis embryos demonstrated by specific gene expression. Developmental Biology, 2004, 274, 211-224. | 2.0 | 60 |
| 95 | Identification of downstream genes of the ascidian muscle determinant gene Ci-macho1. Developmental Biology, 2004, 274, 478-489. | 2.0 | 62 |
| 96 | A genomewide survey of developmentally relevant genes in Ciona intestinalis. Development Genes and Evolution, 2003, 213, 245-253. | 0.9 | 69 |
| 97 | A genomewide survey of developmentally relevant genes in Ciona intestinalis. Development Genes and Evolution, 2003, 213, 254-263. | 0.9 | 66 |
| 98 | A genomewide survey of developmentally relevant genes in Ciona intestinalis. Development Genes and Evolution, 2003, 213, 264-272. | 0.9 | 87 |
| 99 | A genomewide survey of developmentally relevant genes in Ciona intestinalis. Development Genes and Evolution, 2003, 213, 213-221. | 0.9 | 129 |
| 100 | A genomewide survey of developmentally relevant genes in Ciona intestinalis. Development Genes and Evolution, 2003, 213, 303-313. | 0.9 | 99 |
| 101 | A genomewide survey of developmentally relevant genes in Ciona intestinalis. Development Genes and Evolution, 2003, 213, 222-234. | 0.9 | 130 |
| 102 | A genomewide survey of developmentally relevant genes in Ciona intestinalis. Development Genes and Evolution, 2003, 213, 235-244. | 0.9 | 138 |
| 103 | A genomewide survey of developmentally relevant genes in Ciona intestinalis. Development Genes and Evolution, 2003, 213, 284-290. | 0.9 | 16 |
| 104 | A genomewide survey of developmentally relevant genes in Ciona intestinalis. Development Genes and Evolution, 2003, 213, 291-302. | 0.9 | 49 |
| 105 | A genomewide survey of developmentally relevant genes in Ciona intestinalis. Development Genes and Evolution, 2003, 213, 273-283. | 0.9 | 31 |
| 106 | Large scale EST analyses in Ciona intestinalis. Development Genes and Evolution, 2003, 213, 314-318. | 0.9 | 60 |
| 107 | Genomewide surveys of developmentally relevant genes in Ciona intestinalis. Development Genes and Evolution, 2003, 213, 211-212. | 0.9 | 29 |
| 108 | Expression of FoxE and FoxQ genes in the endostyle of Ciona intestinalis. Development Genes and Evolution, 2003, 213, 416-419. | 0.9 | 29 |

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| 109 | Ciona intestinalis: an emerging model for whole-genome analyses. Trends in Genetics, 2003, 19, 376-381. | 6.7 | 187 |
| 110 | Large-scale characterization of genes specific to the larval nervous system in the ascidianCiona intestinalis. Genesis, 2003, 36, 62-71. | 1.6 | 21 |
| 111 | Retinoic acid affects gene expression and morphogenesis without upregulating the retinoic acid receptor in the ascidian Ciona intestinalis. Mechanisms of Development, 2003, 120, 363-372. | 1.7 | 55 |
| 112 | Hemocytes of Ciona intestinalis express multiple genes involved in innate immune host defense. Biochemical and Biophysical Research Communications, 2003, 302, 207-218. | 2.1 | 54 |
| 113 | The invertebrate ancestry of endocannabinoid signalling: an orthologue of vertebrate cannabinoid receptors in the urochordate Ciona intestinalis. Gene, 2003, 302, 95-101. | 2.2 | 64 |
| 114 | Novel Endostyle-Specific Genes in the Ascidian Ciona intestinalis. Zoological Science, 2003, 20, 1025-1030. | 0.7 | 29 |
| 115 | A Twist-like bHLH gene is a downstream factor of an endogenous FGF and determines mesenchymal fate in the ascidian embryos. Development (Cambridge), 2003, 130, 4461-4472. | 2.5 | 62 |
| 116 | Morpholino-based gene knockdown screen of novel genes with developmental function in Ciona intestinalis. Development (Cambridge), 2003, 130, 6485-6495. | 2.5 | 64 |
| 117 | Construction of a cDNA Microarray Derived from the Ascidian Ciona intestinalis. Zoological Science, 2003, 20, 1223-1229. | 0.7 | 33 |
| 118 | Ascidian Larva Reveals Ancient Origin of Vertebrate-Skeletal-Muscle Troponin I Characteristics in Chordate Locomotory Muscle. Molecular Biology and Evolution, 2003, 20, 2113-2122. | 8.9 | 17 |
| 119 | Construction of BAC libraries derived from the ascidian Ciona intestinalis.. Genes and Genetic Systems, 2002, 77, 283-285. | 0.7 | 10 |
| 120 | Gene Expression Profiles in Tadpole Larvae of Ciona intestinalis. Developmental Biology, 2002, 242, 188-203. | 2.0 | 99 |
| 121 | The Draft Genome of Ciona intestinalis : Insights into Chordate and Vertebrate Origins. Science, 2002, 298, 2157-2167. | 12.6 | 1,539 |
| 122 | Gene expression profiles in Ciona intestinalis cleavage-stage embryos. Mechanisms of Development, 2002, 112, 115-127. | 1.7 | 69 |
| 123 | Expression of hedgehog genes in Ciona intestinalis embryos. Mechanisms of Development, 2002, 116, 235-238. | 1.7 | 63 |
| 124 | Region specific gene expressions in the central nervous system of the ascidian embryo. Mechanisms of Development, 2002, 119, S275-S277. | 1.7 | 43 |
| 125 | Ciona intestinalis cDNA projects: expressed sequence tag analyses and gene expression profiles during embryogenesis. Gene, 2002, 287, 83-96. | 2.2 | 133 |
| 126 | Further characterization of genes expressed during Ciona intestinalis metamorphosis. Differentiation, 2002, 70, 429-437. | 1.9 | 25 |

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| 127 | A cDNA resource from the basal chordateCiona intestinalis. Genesis, 2002, 33, 153-154. | 1.6 | 233 |
| 128 | macho-1-related genes in Ciona embryos. Development Genes and Evolution, 2002, 212, 87-92. | 0.9 | 66 |
| 129 | Gene expression profiles in young adult Ciona intestinalis. Development Genes and Evolution, 2002, 212, 173-185. | 0.9 | 99 |
| 130 | Fgf genes in the basal chordate Ciona intestinalis. Development Genes and Evolution, 2002, 212, 432-438. | 0.9 | 75 |
| 131 | EST analysis of gene expression in testis of the ascidianCiona intestinalis. Molecular Reproduction and Development, 2002, 62, 431-445. | 2.0 | 51 |
| 132 | Multiple functions of a Zic-like gene in the differentiation of notochord, central nervous system and muscle inCiona savignyiembryos. Development (Cambridge), 2002, 129, 2723-2732. | 2.5 | 104 |
| 133 | An essential role of aFoxDgene in notochord induction inCionaembryos. Development (Cambridge), 2002, 129, 3441-3453. | 2.5 | 100 |
| 134 | Early embryonic expression ofFGF4/6/9gene and its role in the induction of mesenchyme and notochord inCiona savignyiembryos. Development (Cambridge), 2002, 129, 1729-1738. | 2.5 | 134 |
| 135 | Early embryonic expression of FGF4/6/9 gene and its role in the induction of mesenchyme and notochord in Ciona savignyi embryos. Development (Cambridge), 2002, 129, 1729-38. | 2.5 | 30 |
| 136 | Multiple functions of a Zic-like gene in the differentiation of notochord, central nervous system and muscle in Ciona savignyi embryos. Development (Cambridge), 2002, 129, 2723-32. | 2.5 | 30 |
| 137 | An essential role of a FoxD gene in notochord induction in Ciona embryos. Development (Cambridge), 2002, 129, 3441-53. | 2.5 | 27 |
| 138 | Profiles of Maternally Expressed Genes in Fertilized Eggs of Ciona intestinalis. Developmental Biology, 2001, 238, 315-331. | 2.0 | 74 |
| 139 | Ci-opsin1 , a vertebrate-type opsin gene, expressed in the larval ocellus of the ascidian Ciona intestinalis. FEBS Letters, 2001, 506, 69-72. | 2.8 | 106 |
| 140 | Isolation and characterization of genes that are expressed during Ciona intestinalis metamorphosis. Development Genes and Evolution, 2001, 211, 184-189. | 0.9 | 36 |
| 141 | Brachyury (T) gene expression and notochord development in Oikopleura longicauda (Appendicularia,) Tj ETQq1 1 0.784314 rgBT /Ove | 0.9 | 29 |
| 142 | Action of morpholinos inCiona embryos. Genesis, 2001, 30, 103-106. | 1.6 | 136 |
| 143 | Gene expression profiles inCiona intestinalistailbud embryos. Development (Cambridge), 2001, 128, 2893-2904. | 2.5 | 159 |
| 144 | Early embryonic expression of a LIM-homeobox geneCs-lhx3is downstream of Î²-catenin and responsible for the endoderm differentiation inCiona savignyiembryos. Development (Cambridge), 2001, 128, 3559-3570. | 2.5 | 93 |

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| 145 | Muscle actin genes and muscle cells in the appendicularian,Oikopleura longicauda: Phylogenetic relationships among muscle tissues in the urochordates. The Journal of Experimental Zoology, 2000, 288, 135-150. | 1.4 | 21 |
| 146 | Characterization of Brachyury-Downstream Notochord Genes in the Ciona intestinalis Embryo. Developmental Biology, 2000, 224, 69-80. | 2.0 | 140 |
| 147 | Developmental gene activities in ascidian embryos. Current Opinion in Genetics and Development, 1999, 9, 542-547. | 3.3 | 23 |
| 148 | Expression Cloning of an Ascidian Syndecan Suggests Its Role in Embryonic Cell Adhesion and Morphogenesis. Developmental Biology, 1999, 211, 198-207. | 2.0 | 14 |
| 149 | posterior end mark 3 (pem-3), an Ascidian Maternally Expressed Gene with Localized mRNA Encodes a Protein with Caenorhabditis elegans MEX-3-like KH Domains. Developmental Biology, 1999, 212, 337-350. | 2.0 | 66 |
| 150 | Isolation and Characterization of cDNA Clones for Epidermis-Specific and Muscle-Specific Genes in Ciona savignyi Embryos. Zoological Science, 1998, 15, 239-246. | 0.7 | 36 |
| 151 | posterior end mark 2 (pem-2),pem-4,pem-5, andpem-6: Maternal Genes with Localized mRNA in the Ascidian Embryo. Developmental Biology, 1997, 192, 467-481. | 2.0 | 81 |
| 152 | An intrinsic genetic program for autonomous differentiation of muscle cells in the ascidian embryo.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9315-9321. | 7.1 | 32 |
| 153 | Two cis-regulatory elements are essential for the muscle-specific expression of an actin gene in the ascidian embryo. Development Growth and Differentiation, 1996, 38, 565-573. | 1.5 | 33 |
| 154 | Timing of initiation of muscle-specific gene expression in the ascidian embryo precedes that of developmental fate restriction in lineage cells. Development Growth and Differentiation, 1995, 37, 319-327. | 1.5 | 83 |