# Hitoyoshi Yasuo

List of Publications by Year
in descending order



| 37 | 1,849 | 331670 21 | 302126 39 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 43 | 43 | 43 | 841 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Function of vertebrate T gene. Nature, 1993, 364, 582-583. | 27.8 | 198 |
| 2 | An Ascidian Homolog of the Mouse Brachyury (T) Gene is Expressed Exclusively in Notochord Cells at the Fate Restricted Stage. (Ascidians/T (Brachyury) gene/sequence conservation/notochord) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 T | 4.5 | 152 |
| 3 | Conservation of the Developmental Role ofBrachyuryin Notochord Formation in a Urochordate, the AscidianHalocynthia roretzi. Developmental Biology, 1998, 200, 158-170. | 2.0 | 124 |
| 4 | A two-step model for the fate determination of presumptive endodermal blastomeres in Xenopus embryos. Current Biology, 1999, 9, 869-879. | 3.9 | 119 |
| 5 | A conserved role for the MEK signalling pathway in neural tissue specification and posteriorisation in the invertebrate chordate, the ascidianCiona intestinalis. Development (Cambridge), 2003, 130, 147-159. | 2.5 | 106 |
| 6 | Ephrin-Eph signalling drives the asymmetric division of notochord/neural precursors in Ciona embryos. Development (Cambridge), 2007, 134, 1491-1497. | 2.5 | 95 |
| 7 | Patterning across the ascidian neural plate by lateral Nodal signalling sources. Development (Cambridge), 2005, 132, 1199-1210. | 2.5 | 90 |
| 8 | Sequential and combinatorial inputs from Nodal, Delta2/Notch and FGF/MEK/ERK signalling pathways establish a grid-like organisation of distinct cell identities in the ascidian neural plate. Development (Cambridge), 2007, 134, 3527-3537. | 2.5 | 87 |
| 9 | A signalling relay involving Nodal and Delta ligands acts during secondary notochord induction in Ciona embryos. Development (Cambridge), 2006, 133, 2855-2864. | 2.5 | 84 |
| 10 | FGF8/17/18 functions together with FGF9/16/20 during formation of the notochord in Ciona embryos. Developmental Biology, 2007, 302, 92-103. | 2.0 | 68 |
| 11 | ANISEED 2015: a digital framework for the comparative developmental biology of ascidians. Nucleic Acids Research, 2016, 44, D808-D818. | 14.5 | 68 |
| 12 | Î²-Catenin-Driven Binary Fate Specification Segregates Germ Layers in Ascidian Embryos. Current Biology, 2013, 23, 491-495. | 3.9 | 65 |
| 13 | Autonomy of ascidian fork head/HNF-3 gene expression. Mechanisms of Development, 1997, 69, 143-154. | 1.7 | 57 |
| 14 | Embryological Methods in Ascidians: The Villefranche-sur-Mer Protocols. Methods in Molecular Biology, 2011, 770, 365-400. | 0.9 | 55 |
| 15 | Muscle development in Ciona intestinalis requires the b-HLH myogenic regulatory factor gene Ci-MRF. Developmental Biology, 2007, 302, 333-344. | 2.0 | 54 |
| 16 | The Ascidian Genome Contains Another T-Domain Gene That Is Expressed in Differentiating Muscle and the Tip of the Tail of the Embryo. Developmental Biology, 1996, 180, 773-779. | 2.0 | 45 |
| 17 | Ephrin-mediated restriction of ERK1/2 activity delimits the number of pigment cells in the Ciona CNS. Developmental Biology, 2014, 394, 170-180. | 2.0 | 41 |
| 18 | Co-expression of Foxa.a, Foxd and Fgf9/16/20 defines a transient mesendoderm regulatory state in ascidian embryos. ELife, 2016, 5, . | 6.0 | 39 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Similarity and diversity in mechanisms of muscle fate induction between ascidian species. Biology of the Cell, 2008, 100, 265-277. | 2.0 | 37 |
| 20 | p120RasGAP mediates ephrin/Eph-dependent attenuation of FGF/ERK signals during cell fate specification in ascidian embryos. Development (Cambridge), 2013, 140, 4347-4352. | 2.5 | 32 |
| 21 | Cell lineage and cisâ€regulation for a unique GABAergic/glycinergic neuron type in the larval nerve cord of the ascidian Ciona intestinalis. Development Growth and Differentiation, 2012, 54, 177-186. | 1.5 | 23 |
| 22 | Divergent mechanisms specify chordate motoneurons: evidence from ascidians. Development (Cambridge), 2011, 138, 1643-1652. | 2.5 | 22 |
| 23 | Developmental signalling: A careful balancing act. Current Biology, 1998, 8, R228-R231. | 3.9 | 21 |
| 24 | A dynamic history of gene duplications and losses characterizes the evolution of the SPARC family in eumetazoans. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122963. | 2.6 | 18 |
| 25 | Brachyury expression in tailless Molgulid ascidian embryos. Evolution & Development, 2002, 4, 205-211. | 2.0 | 17 |
| 26 | Distinct modes of mitotic spindle orientation align cells in the dorsal midline of ascidian embryos. Developmental Biology, 2015, 408, 66-78. | 2.0 | 16 |
| 27 | Physical association between a novel plasma-membrane structure and centrosome orients cell division. ELife, 2016, 5, . | 6.0 | 16 |
| 28 | Antagonism between Î²-catenin and Gata.a sequentially segregates the germ layers of ascidian embryos. Development (Cambridge), 2016, 143, 4167-4172. | 2.5 | 15 |
| 29 | Practical Guide for Ascidian Microinjection: Phallusia mammillata. Advances in Experimental Medicine and Biology, 2018, 1029, 15-24. | 1.6 | 15 |
| 30 | Patterning of brain precursors in ascidian embryos. Development (Cambridge), 2017, 144, 258-264. | 2.5 | 12 |
| 31 | Neuromesodermal Lineage Contribution to CNS Development in Invertebrate and Vertebrate Chordates. Genes, 2021, 12, 592. | 2.4 | 10 |
| 32 | A Nodal/Eph signalling relay drives the transition from apical constriction to apico-basal shortening in ascidian endoderm invagination. Development (Cambridge), 2020, 147, . | 2.5 | 9 |
| 33 | 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 |
| 34 | Snail mediates medialâ€“lateral patterning of the ascidian neural plate. Developmental Biology, 2015, 403, 172-179. | 2.0 | 8 |
| 35 | The alternative oxidase (AOX) increases sulphide tolerance in the highly invasive marine invertebrateCiona intestinalis. Journal of Experimental Biology, 2021, 224, . | 1.7 | 8 |
| 36 | Practical tips for imaging ascidian embryos. Development Growth and Differentiation, 2013, 55, 446-453. | 1.5 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Transcriptional regulation of the Ciona Gsx gene in the neural plate. Developmental Biology, 2019, 448, 88-100. | 2.0 | 5 |