

Kaoru S Imai

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,976
citations

430874

18
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene expression profiles of transcription factors and signaling molecules in the ascidian embryo: towards a comprehensive understanding of gene networks. <i>Development (Cambridge)</i> , 2004, 131, 4047-4058.	2.5	371
2	Regulatory Blueprint for a Chordate Embryo. <i>Science</i> , 2006, 312, 1183-1187.	12.6	368
3	Gene expression profiles in <i>Ciona intestinalis</i> tailbud embryos. <i>Development (Cambridge)</i> , 2001, 128, 2893-2904.	2.5	159
4	Gene regulatory networks underlying the compartmentalization of the <i>Ciona</i> central nervous system. <i>Development (Cambridge)</i> , 2009, 136, 285-293.	2.5	144
5	Action of morpholinos in <i>Ciona</i> embryos. <i>Genesis</i> , 2001, 30, 103-106.	1.6	136
6	Early embryonic expression of <i>FGF4/6/9</i> gene and its role in the induction of mesenchyme and notochord in <i>Ciona savignyi</i> embryos. <i>Development (Cambridge)</i> , 2002, 129, 1729-1738.	2.5	134
7	Multiple functions of a Zic-like gene in the differentiation of notochord, central nervous system and muscle in <i>Ciona savignyi</i> embryos. <i>Development (Cambridge)</i> , 2002, 129, 2723-2732.	2.5	104
8	An essential role of a <i>FoxD</i> gene in notochord induction in <i>Ciona</i> embryos. <i>Development (Cambridge)</i> , 2002, 129, 3441-3453.	2.5	100
9	Early embryonic expression of a LIM-homeobox gene <i>Cs-lhx3</i> is downstream of β^2 -catenin and responsible for the endoderm differentiation in <i>Ciona savignyi</i> embryos. <i>Development (Cambridge)</i> , 2001, 128, 3559-3570.	2.5	93
10	Three distinct lineages of mesenchymal cells in <i>Ciona intestinalis</i> embryos demonstrated by specific gene expression. <i>Developmental Biology</i> , 2004, 274, 211-224.	2.0	60
11	Region specific gene expressions in the central nervous system of the ascidian embryo. <i>Mechanisms of Development</i> , 2002, 119, S275-S277.	1.7	43
12	Genetic pathways for differentiation of the peripheral nervous system in ascidians. <i>Nature Communications</i> , 2015, 6, 8719.	12.8	37
13	<i>Cis</i> Acting Transcriptional Repression Establishes a Sharp Boundary in Chordate Embryos. <i>Science</i> , 2012, 337, 964-967.	12.6	31
14	Early embryonic expression of <i>FGF4/6/9</i> gene and its role in the induction of mesenchyme and notochord in <i>Ciona savignyi</i> embryos. <i>Development (Cambridge)</i> , 2002, 129, 1729-38.	2.5	30
15	Multiple functions of a Zic-like gene in the differentiation of notochord, central nervous system and muscle in <i>Ciona savignyi</i> embryos. <i>Development (Cambridge)</i> , 2002, 129, 2723-32.	2.5	30
16	Isolation and characterization of β^2 -catenin downstream genes in early embryos of the ascidian <i>Ciona savignyi</i> . <i>Differentiation</i> , 2003, 71, 346-360.	1.9	28
17	An essential role of a <i>FoxD</i> gene in notochord induction in <i>Ciona</i> embryos. <i>Development (Cambridge)</i> , 2002, 129, 3441-53.	2.5	27
18	<i>Tfap2</i> and <i>Sox1/2/3</i> cooperatively specify ectodermal fates in ascidian embryos. <i>Development (Cambridge)</i> , 2017, 144, 33-37.	2.5	21

#	ARTICLE	IF	CITATIONS
19	A single-cell analysis of the molecular lineage of chordate embryogenesis. <i>Science Advances</i> , 2020, 6, .	10.3	18
20	Ascidian Zic Genes. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1046, 87-106.	1.6	3