Shingo Maegawa

List of Publications by Year
in descending order

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24	1,483	471509 17	610901 24
papers	citations	h-index	g-index

25	25	25	1869
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A vertebrate RNA-binding protein Fox-1 regulates tissue-specific splicing via the pentanucleotide GCAUG. EMBO Journal, 2003, 22, 905-912.	7.8	278
2	Maternal mRNA localization of zebrafish DAZ-like gene. Mechanisms of Development, 1999, 81, 223-226.	1.7	138
3	Essential and opposing roles of zebrafish Î²-catenins in the formation of dorsal axial structures and neurectoderm. Development (Cambridge), 2006, 133, 1299-1309.	2.5	131
4	Localized maternal factors are required for zebrafish germ cell formation. Developmental Biology, 2004, 268, 152-161.	2.0	128
5	The zebrafish dorsal axis is apparent at the four-cell stage. Nature, 2005, 438, 1030-1035.	27.8	126
6	A role for MKP3 in axial patterning of the zebrafish embryo. Development (Cambridge), 2004, 131, 2769-2779.	2.5	113
7	Regulating Gene Expression in Zebrafish Embryos Using Light-Activated, Negatively Charged Peptide Nucleic Acids. Journal of the American Chemical Society, 2007, 129, 11000-11001.	13.7	111
8	Zebrafish DAZâ€like protein controls translation via the sequence â€˜GUUCâ€™. Genes To Cells, 2002, 7, 971-984.	1.2	75
9	Vegetal localization of the maternal mRNA encoding an EDEN-BP/Bruno-like protein in zebrafish. Mechanisms of Development, 2000, 93, 205-209.	1.7	66
10	Chronic fluoxetine treatment induces anxiolytic responses and altered social behaviors in medaka, Oryzias latipes. Behavioural Brain Research, 2016, 303, 126-136.	2.2	63
11	FGF signaling is required for Î²-catenin-mediated induction of the zebrafish organizer. Development (Cambridge), 2006, 133, 3265-3276.	2.5	45
12	The Germ Cell Lineage Identified byvas-mRNA during the Embryogenesis in Goldfish. Zoological Science, 2002, 19, 519-526.	0.7	44
13	A novel application of metabolomics in vertebrate development. Biochemical and Biophysical Research Communications, 2009, 386, 268-272.	2.1	32
14	Chordin expression, mediated by Nodal and FGF signaling, is restricted by redundant function of two Î²-catenins in the zebrafish embryo. Mechanisms of Development, 2007, 124, 775-791.	1.7	30
15	A Novel Method for Rearing Zebrafish by Using Freshwater Rotifers (Brachionus calyciflorus). Zebrafish, 2015, 12, 288-295.	1.1	22
16	In vivo targeted single-nucleotide editing in zebrafish. Scientific Reports, 2018, 8, 11423.	3.3	22
17	Induction and patterning of trunk and tail neural ectoderm by the homeobox gene eve1 in zebrafish embryos. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3564-3569.	7.1	17
18	Correct anteroposterior patterning of the zebrafish neurectoderm in the absence of the early dorsal organizer. BMC Developmental Biology, 2011, 11, 26.	2.1	12

#	Article	IF	Citations
19	Deficiency of Serotonin in Raphe Neurons and Altered Behavioral Responses in Tryptophan Hydroxylase 2-Knockout Medaka (Oryzias latipes). Zebrafish, 2017, 14, 495-507.	1.1	8
20	Single-Embryo Metabolomics and Systematic Prediction of Developmental Stage in Zebrafish. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2011, 66, 191-198.	1.4	6
21	Chordin and dickkopf-1b are essential for the formation of head structures through activation of the FGF signaling pathway in zebrafish. Developmental Biology, 2017, 424, 189-197.	2.0	6
22	Wetland environmental bioreactor system contributes to the decomposition of cellulose. Ecology and Evolution, 2019, 9, 8013-8024.	1.9	5
23	Germ-line chimera produced by blastoderm transplantation in zebrafish. Nippon Suisan Gakkaishi, 2005, 71, 1-9.	0.1	4
24	Aquatic invertebrateâ€™s Carbohydrate-binding module assists environmental cellulase to immobilize in wetland sediments. Plankton and Benthos Research, 2021, 16, 191-199.	0.6	1