Seok-Hyung Kim

List of Publications by Year
in descending order

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33 papers	1,437 citations	394421 19 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	2395 citing authors

#	Article	IF	Citations
1	Analysis of Upstream Elements in the HuC Promoter Leads to the Establishment of Transgenic Zebrafish with Fluorescent Neurons. Developmental Biology, 2000, 227, 279-293.	2.0	382
2	Response to Nodal morphogen gradient is determined by the kinetics of target gene induction. ELife, 2015, 4, .	6.0	88
3	Cyclooxygenase-1-derived PGE2 promotes cell motility via the G-protein-coupled EP4 receptor during vertebrate gastrulation. Genes and Development, 2006, 20, 77-86.	5.9	81
4	Specification of an anterior neuroectoderm patterning by Frizzled8a-mediated Wnt8b signalling during late gastrulation in zebrafish. Development (Cambridge), 2002, 129, 4443-4455.	2.5	81
5	Structural comparison of zebrafish Elav/Hu and their differential expressions during neurogenesis. Neuroscience Letters, 2000, 279, 81-84.	2.1	79
6	Autophagy Induction Is a Tor- and Tp53-Independent Cell Survival Response in a Zebrafish Model of Disrupted Ribosome Biogenesis. PLoS Genetics, 2013, 9, e1003279.	3.5	73
7	Cyclooxygenase-1 signaling is required for vascular tube formation during development. Developmental Biology, 2005, 282, 274-283.	2.0	69
8	Six3 Represses Nodal Activity to Establish Early Brain Asymmetry in Zebrafish. Neuron, 2007, 55, 407-415.	8.1	54
9	Zebrafish model of tuberous sclerosis complex reveals cell-autonomous and non-cell-autonomous functions of mutant tuberin. DMM Disease Models and Mechanisms, 2011, 4, 255-267.	2.4	48
10	Multi-organ Abnormalities and mTORC1 Activation in Zebrafish Model of Multiple Acyl-CoA Dehydrogenase Deficiency. PLoS Genetics, 2013, 9, e1003563.	3.5	46
11	The exocyst is required for photoreceptor ciliogenesis and retinal development. Journal of Biological Chemistry, 2017, 292, 14814-14826.	3.4	40
12	Prostaglandin GÎ²Î³ signaling stimulates gastrulation movements by limiting cell adhesion through Snai1a stabilization. Development (Cambridge), 2010, 137, 1327-1337.	2.5	38
13	Transgenic fluorescent zebrafish lines that have revolutionized biomedical research. Laboratory Animal Research, 2021, 37, 26.	2.5	36
14	Specification of an anterior neuroectoderm patterning by Frizzled8a-mediated Wnt8b signalling during late gastrulation in zebrafish. Development (Cambridge), 2002, 129, 4443-55.	2.5	34
15	Characterization of two frizzled8 homologues expressed in the embryonic shield and prechordal plate of zebrafish embryos1The entire nucleotide sequences for Zfz8a and Zfz8b cDNA were deposited to the GenBank database under the Accession numbers AF060697 and AF060696, respectively.1. Mechanisms of Development, 1998, 78, 193-198.	1.7	32
16	A Post-Developmental Genetic Screen for Zebrafish Models of Inherited Liver Disease. PLoS ONE, 2015, 10, e0125980.	2.5	30
17	ATX-LPA1 axis contributes to proliferation of chondrocytes by regulating fibronectin assembly leading to proper cartilage formation. Scientific Reports, 2016, 6, 23433.	3.3	25
18	3-ketodihydrosphingosine reductase mutation induces steatosis and hepatic injury in zebrafish. Scientific Reports, 2019, 9, 1138.	3.3	23

#	Article	IF	Citations
19	Frizzled 8a function is required for oligodendrocyte development in the zebrafish spinal cord. Developmental Dynamics, 2008, 237, 3324-3331.	1.8	22
20	Dynamin Binding Protein (Tuba) Deficiency Inhibits Ciliogenesis and Nephrogenesis in Vitro and in Vivo. Journal of Biological Chemistry, 2016, 291, 8632-8643.	3.4	20
21	Targeting Neph1 and ZO-1 protein-protein interaction in podocytes prevents podocyte injury and preserves glomerular filtration function. Scientific Reports, 2017, 7, 12047.	3.3	19
22	Six3 regulates optic nerve development via multiple mechanisms. Scientific Reports, 2016, 6, 20267.	3.3	17
23	Eye field requires the function of Sfrp1 as a Wnt antagonist. Neuroscience Letters, 2007, 414, 26-29.	2.1	16
24	Cdc42andsec10Are Required for Normal Retinal Development in Zebrafish. , 2015, 56, 3361.		16
25	Palmitic Acid-Enriched Diet Induces Hepatic Steatosis and Injury in Adult Zebrafish. Zebrafish, 2019, 16, 497-504.	1.1	15
26	Low dose of chronic ethanol exposure in adult zebrafish induces hepatic steatosis and injury. Biomedicine and Pharmacotherapy, 2019, 117, 109179.	5.6	15
27	Heterozygous inactivation of tsc2 enhances tumorigenesis in p53 mutant zebrafish. DMM Disease Models and Mechanisms, 2013, 6, 925-33.	2.4	14
28	A Functional Binding Domain in the Rbpr2 Receptor Is Required for Vitamin A Transport, Ocular Retinoid Homeostasis, and Photoreceptor Cell Survival in Zebrafish. Cells, 2020, 9, 1099.	4.1	9
29	Adult zebrafish as an in vivo drug testing model for ethanol induced acute hepatic injury. Biomedicine and Pharmacotherapy, 2020, 132, 110836.	5.6	5
30	Flavin Adenine Dinucleotide Depletion Caused by electron transfer flavoprotein subunit alpha Haploinsufficiency Leads to Hepatic Steatosis and Injury in Zebrafish. Hepatology Communications, 2021, 5, 976-991.	4.3	3
31	Normal forebrain development may require continual Wnt antagonism until mid-somitogenesis in zebrafish. Biochemical and Biophysical Research Communications, 2009, 381, 717-721.	2.1	2
32	Glutathione S-Transferase P Influences Redox Homeostasis and Response to Drugs that Induce the Unfolded Protein Response in Zebrafish. Journal of Pharmacology and Experimental Therapeutics, 2021, 377, 121-132.	2.5	2
33	Heterozygous inactivation of tsc2 enhances tumorigenesis in p53 mutant zebrafish. Journal of Cell Science, 2013, 126, e1-e1.	2.0	0