

Cheol-Hee Kim

List of Publications by Year in descending order

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Version: 2024-02-01

167
papers

8,523
citations

53751

45
h-index

53190

85
g-index

172
all docs

172
docs citations

172
times ranked

12090
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphinateâ€“benzoincyanin fluorescent probe for endogenous mitochondrial peroxynitrite detection in living cells and gallbladder access in inflammatory zebrafish animal models. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120568.	2.0	15
2	Novel Macrocyclic Peptidomimetics Targeting the Polo-Box Domain of Polo-Like Kinase 1. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1915-1932.	2.9	5
3	Disease Modeling of Rare Neurological Disorders in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3946.	1.8	3
4	Mapping Molecular Networks within <i>Clitoria ternatea</i> Linn. against LPS-Induced Neuroinflammation in Microglial Cells, with Molecular Docking and In Vivo Toxicity Assessment in Zebrafish. <i>Pharmaceuticals</i> , 2022, 15, 467.	1.7	2
5	Regulation of habenular G-protein gamma 8 on learning and memory via modulation of the central acetylcholine system. <i>Molecular Psychiatry</i> , 2021, 26, 3737-3750.	4.1	12
6	Reduction of Squalene Epoxidase by Cholesterol Accumulation Accelerates Colorectal Cancer Progression and Metastasis. <i>Gastroenterology</i> , 2021, 160, 1194-1207.e28.	0.6	75
7	Eif2b3 mutants recapitulate phenotypes of vanishing white matter disease and validate novel disease alleles in zebrafish. <i>Human Molecular Genetics</i> , 2021, 30, 331-342.	1.4	8
8	The Effects of Copper Constituent of Coin Currency on Embryonic Zebrafish Development. <i>BioMed Research International</i> , 2021, 2021, 1-7.	0.9	0
9	Comparative Proteome Research in a Zebrafish Model for Vanishing White Matter Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2707.	1.8	4
10	Zebrafish as an animal model for biomedical research. <i>Experimental and Molecular Medicine</i> , 2021, 53, 310-317.	3.2	170
11	Acute ethanol induces behavioral changes and alters c-fos expression in specific brain regions, including the mammillary body, in zebrafish. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 109, 110264.	2.5	9
12	A water-soluble boronate masked benzoincyanin fluorescent probe for the detection of endogenous mitochondrial peroxynitrite in live cells and zebrafish as inflammation models. <i>Dyes and Pigments</i> , 2021, 191, 109371.	2.0	25
13	Optogenetic Manipulation of Olfactory Responses in Transgenic Zebrafish: A Neurobiological and Behavioral Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7191.	1.8	4
14	Zebrafish Bioassay for Screening Therapeutic Candidates Based on Melanotrophic Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9313.	1.8	2
15	3DM: deep decomposition and deconvolution microscopy for rapid neural activity imaging. <i>Optics Express</i> , 2021, 29, 32700.	1.7	4
16	Preliminary Insight of Pyrrolylated-Chalcones as New Anti-Methicillin-Resistant <i>Staphylococcus aureus</i> (Anti-MRSA) Agents. <i>Molecules</i> , 2021, 26, 5314.	1.7	5
17	Nanoemulsion of flavonoid-enriched oil palm (<i>Elaeis guineensis</i> Jacq.) leaf extract enhances wound healing in zebrafish. <i>Phytomedicine Plus</i> , 2021, 1, 100124.	0.9	5
18	The LAMMER Kinase, LkhA, Affects <i>Aspergillus fumigatus</i> Pathogenicity by Modulating Reproduction and Biosynthesis of Cell Wall PAMPs. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 756206.	1.8	6

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19	Identification of Gng8-expressing cell types in the MHb and IPN. <i>Molecular Psychiatry</i> , 2021, 26, 3665-3665.	4.1	0
20	ESCRT subunit CHMP4B localizes to primary cilia and is required for the structural integrity of the ciliary membrane. <i>FASEB Journal</i> , 2020, 34, 1331-1344.	0.2	14
21	Efficacy and pharmacokinetics evaluation of 4-(2-chloro-4-fluorobenzyl)-3-(2-thienyl)-1,2,4-oxadiazol-5(4H)-one (GM-90432) as an anti-seizure agent. <i>Neurochemistry International</i> , 2020, 141, 104870.	1.9	7
22	Mutations in FAM50A suggest that Armfield XLID syndrome is a spliceosomopathy. <i>Nature Communications</i> , 2020, 11, 3698.	5.8	38
23	Generation of foxn1/Casper Mutant Zebrafish for Allograft and Xenograft of Normal and Malignant Cells. <i>Stem Cell Reports</i> , 2020, 15, 749-760.	2.3	13
24	Development of diarylpentadienone analogues as alpha-glucosidase inhibitor: Synthesis, in vitro biological and in vivo toxicity evaluations, and molecular docking analysis. <i>Bioorganic Chemistry</i> , 2020, 104, 104277.	2.0	15
25	Spirulina maxima Derived Pectin Nanoparticles Enhance the Immunomodulation, Stress Tolerance, and Wound Healing in Zebrafish. <i>Marine Drugs</i> , 2020, 18, 556.	2.2	12
26	A diaminomaleonitrile-appended BODIPY chemosensor for the selective detection of Cu ²⁺ via oxidative cyclization and imaging in SiHa cells and zebrafish. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 233, 118179.	2.0	29
27	Comparative Genomic Mapping Implicates LRRK2 for Intellectual Disability and Autism at 12q12, and HDHD1, as Well as PNPLA4, for X-Linked Intellectual Disability at Xp22.31. <i>Journal of Clinical Medicine</i> , 2020, 9, 274.	1.0	15
28	Crystal Structure of the YAP-binding Domain of Human TEAD1. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 74-77.	1.0	2
29	Pharmacological (ethanol) and mutation (sam2 KO) induced impairment of novelty preference in zebrafish quantified using a new three-chamber social choice task. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 53-65.	2.5	20
30	1,3-β-D-Glucans enhance tissue regeneration in zebrafish (<i>Danio rerio</i>): Potential advantages for aquaculture applications. <i>Aquaculture Research</i> , 2019, 50, 3163-3170.	0.9	6
31	Pimozide suppresses cancer cell migration and tumor metastasis through binding to ARPC2, a subunit of the Arp2/3 complex. <i>Cancer Science</i> , 2019, 110, 3788-3801.	1.7	34
32	Disruption of PHF21A causes syndromic intellectual disability with craniofacial anomalies, epilepsy, hypotonia, and neurobehavioral problems including autism. <i>Molecular Autism</i> , 2019, 10, 35.	2.6	30
33	Candida albicans Infection Model in Zebrafish (Danio rerio) for Screening Anticandidal Drugs. <i>Mycopathologia</i> , 2019, 184, 559-572.	1.3	6
34	Structural and Physiological Exploration of Salmonella Typhi YfdX Uncovers Its Dual Function in Bacterial Antibiotic Stress and Virulence. <i>Frontiers in Microbiology</i> , 2019, 9, 3329.	1.5	15
35	Loss of abcd4 in zebrafish leads to vitamin B12-deficiency anemia. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 1264-1269.	1.0	8
36	The Body Size of Stimulus Conspecifics Affects Social Preference in a Binary Choice Task in Wild-Type, But Not in <i>dyrk1aa</i> Mutant, Zebrafish. <i>Zebrafish</i> , 2019, 16, 262-267.	0.5	4

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37	Targeted knockout of duox causes defects in zebrafish growth, thyroid development, and social interaction. <i>Journal of Genetics and Genomics</i> , 2019, 46, 101-104.	1.7	7
38	2- <i>Hydroxycinnamaldehyde</i> inhibits proliferation and induces apoptosis via signal transducer and activator of transcription 3 inactivation and reactive oxygen species generation. <i>Cancer Science</i> , 2019, 110, 366-378.	1.7	21
39	Stress-immune responses and DNA protection function of thioredoxin domain containing 12 in zebrafish (<i>Danio rerio</i>). <i>Fish and Shellfish Immunology</i> , 2019, 84, 1030-1040.	1.6	3
40	Chd7 Is Critical for Early T-Cell Development and Thymus Organogenesis in Zebrafish. <i>American Journal of Pathology</i> , 2018, 188, 1043-1058.	1.9	28
41	A colorimetric and fluorescent probe for rapid detection of glutathione and its application to tissue specific bio-imaging in living cells and zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 306-312.	4.0	32
42	Targeted knockout of a chemokine-like gene increases anxiety and fear responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1041-E1050.	3.3	39
43	WDR11-mediated Hedgehog signalling defects underlie a new ciliopathy related to Kallmann syndrome. <i>EMBO Reports</i> , 2018, 19, 269-289.	2.0	49
44	The mechanistic insight of a specific interaction between 15d-Prostaglandin-J2 and eIF4A suggests an evolutionary conserved role across species. <i>Biology Open</i> , 2018, 7, .	0.6	4
45	CCAAT/enhancer-binding protein- β functions as a negative regulator of Wnt/ β -catenin signaling through activation of AXIN1 gene expression. <i>Cell Death and Disease</i> , 2018, 9, 1023.	2.7	6
46	Plausibility of the zebrafish embryos/larvae as an alternative animal model for autism: A comparison study of transcriptome changes. <i>PLoS ONE</i> , 2018, 13, e0203543.	1.1	19
47	<i>Rnf220</i> cooperates with <i>Zc4h2</i> to specify spinal progenitor domains. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	24
48	Piperlongumine derivative, CG-06, inhibits STAT3 activity by direct binding to STAT3 and regulating the reactive oxygen species in DU145 prostate carcinoma cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2566-2572.	1.0	13
49	Reciprocal control of excitatory synapse numbers by Wnt and Wnt inhibitor PRR7 secreted on exosomes. <i>Nature Communications</i> , 2018, 9, 3434.	5.8	42
50	Otogli Inhibits Wnt/ β -catenin Signaling by Regulating Cell Membrane Trafficking of Frizzled8. <i>Scientific Reports</i> , 2017, 7, 13278.	1.6	3
51	Comparative study on antifungal activities of chitosan nanoparticles and chitosan silver nano composites against <i>Fusarium oxysporum</i> species complex. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 478-488.	3.6	79
52	Silver nanoparticles enhance wound healing in zebrafish (<i>Danio rerio</i>). <i>Fish and Shellfish Immunology</i> , 2017, 68, 536-545.	1.6	47
53	Deficiency of a brain-specific chemokine-like molecule, SAM3, induces cardinal phenotypes of autism spectrum disorders in mice. <i>Scientific Reports</i> , 2017, 7, 16503.	1.6	13
54	Feeding of nano scale oats β -glucan enhances the host resistance against <i>Edwardsiella tarda</i> and protective immune modulation in zebrafish larvae. <i>Fish and Shellfish Immunology</i> , 2017, 60, 72-77.	1.6	46

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55	Through-bond energy transfer based dyad and triad shape fluorescence "OFF-ON-OFF" probes for Hg ²⁺ ions and their application in live HeLa cells and Zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 1272-1282.	4.0	20
56	Zebrafish knockout of Down syndrome gene, DYRK1A, shows social impairments relevant to autism. <i>Molecular Autism</i> , 2017, 8, 50.	2.6	86
57	Development of zebrafish medulloblastoma-like PNET model by TALEN-mediated somatic gene inactivation. <i>Oncotarget</i> , 2017, 8, 55280-55297.	0.8	14
58	Mind Bomb-Binding Partner RanBP9 Plays a Contributory Role in Retinal Development. <i>Molecules and Cells</i> , 2017, 40, 271-279.	1.0	5
59	<i>p</i> -Coumaric Acid Potently Down-regulates Zebrafish Embryo Pigmentation: Comparison of <i>in vivo</i> Assay and Computational Molecular Modeling with Phenylthiourea. <i>Biomedical Science Letters</i> , 2017, 23, 8-16.	0.0	10
60	Innate Color Preference of Zebrafish and Its Use in Behavioral Analyses. <i>Molecules and Cells</i> , 2016, 39, 750-755.	1.0	71
61	Expression of miRNA-122 Induced by Liver Toxicants in Zebrafish. <i>BioMed Research International</i> , 2016, 2016, 1-7.	0.9	18
62	An atypical 12q24.31 microdeletion implicates six genes including a histone demethylase KDM2B and a histone methyltransferase SETD1B in syndromic intellectual disability. <i>Human Genetics</i> , 2016, 135, 757-771.	1.8	64
63	A collaborative study of an alternative <i>in vitro</i> potency assay for the Japanese encephalitis vaccine. <i>Virus Research</i> , 2016, 223, 190-196.	1.1	3
64	PLEKHG3 enhances polarized cell migration by activating actin filaments at the cell front. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10091-10096.	3.3	27
65	The presence of two rare genomic syndromes, 1q21 deletion and Xq28 duplication, segregating independently in a family with intellectual disability. <i>Molecular Cytogenetics</i> , 2016, 9, 74.	0.4	7
66	MCRS1 associates with cytoplasmic dynein and mediates pericentrosomal material recruitment. <i>Scientific Reports</i> , 2016, 6, 27284.	1.6	10
67	h-Prune as a novel binding protein of NS5A that regulates ERK1/2 activation. <i>Applied Biological Chemistry</i> , 2016, 59, 543-551.	0.7	0
68	Novel TRAIL sensitizer <i>Taraxacum officinale</i> F.H. Wigg enhances TRAIL-induced apoptosis in Huh7 cells. <i>Molecular Carcinogenesis</i> , 2016, 55, 387-396.	1.3	30
69	Trimethyltin chloride inhibits neuronal cell differentiation in zebrafish embryo neurodevelopment. <i>Neurotoxicology and Teratology</i> , 2016, 54, 29-35.	1.2	18
70	Identification of novel protein tyrosine phosphatase sigma inhibitors promoting neurite extension. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 87-93.	1.0	6
71	Peroxiredoxin I is important for cancer-cell survival in Ras-induced hepatic tumorigenesis. <i>Oncotarget</i> , 2016, 7, 68044-68056.	0.8	20
72	Plasma glutamate carboxypeptidase is a negative regulator in liver cancer metastasis. <i>Oncotarget</i> , 2016, 7, 79774-79786.	0.8	14

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73	Animal Model for Regeneration of Olfactory Sensory Neurons. Journal of the Korea Convergence Society, 2016, 7, 61-67.	0.1	0
74	Enhanced SMAD1 Signaling Contributes to Impairments of Early Development in CFC-iPSCs. Stem Cells, 2015, 33, 1447-1455.	1.4	5
75	<i>In vitro</i> and <i>in vivo</i> Bone-Forming Activity of <i>Saururus chinensis</i> Extract. Phytotherapy Research, 2015, 29, 1073-1080.	2.8	5
76	Mutations in DDX58, which Encodes RIG-I, Cause Atypical Singleton-Merten Syndrome. American Journal of Human Genetics, 2015, 96, 266-274.	2.6	169
77	IFT46 plays an essential role in cilia development. Developmental Biology, 2015, 400, 248-257.	0.9	37
78	The tetrapeptide Arg-Leu-Tyr-Glu inhibits VEGF-induced angiogenesis. Biochemical and Biophysical Research Communications, 2015, 463, 532-537.	1.0	10
79	<i>ZC4H2</i> , an XLID gene, is required for the generation of a specific subset of CNS interneurons. Human Molecular Genetics, 2015, 24, 4848-4861.	1.4	48
80	Optogenetic control of endogenous Ca ²⁺ channels in vivo. Nature Biotechnology, 2015, 33, 1092-1096.	9.4	147
81	FIH-1, a Novel Interactor of Mindbomb, Functions as an Essential Anti-Angiogenic Factor during Zebrafish Vascular Development. PLoS ONE, 2014, 9, e109517.	1.1	25
82	Induction of clusterin Expression by Neuronal Cell Death in Zebrafish. Journal of Genetics and Genomics, 2014, 41, 583-589.	1.7	13
83	The polymorphism (-600 C>A) of CpG methylation site at the promoter region of CYP17A1 and its association of male infertility and testosterone levels. Gene, 2014, 534, 107-112.	1.0	16
84	Highly efficient gene knockout in mice and zebrafish with RNA-guided endonucleases. Genome Research, 2014, 24, 125-131.	2.4	249
85	The MST1/2-SAV1 complex of the Hippo pathway promotes ciliogenesis. Nature Communications, 2014, 5, 5370.	5.8	64
86	Systematic targeted gene deletion using the gene-synthesis method in fission yeast. Journal of Microbiological Methods, 2014, 106, 72-77.	0.7	4
87	Angiopoietin-like 3 regulates hepatocyte proliferation and lipid metabolism in zebrafish. Biochemical and Biophysical Research Communications, 2014, 446, 1237-1242.	1.0	8
88	Establishment of a Bone-Specific col10a1:GFP Transgenic Zebrafish. Molecules and Cells, 2013, 36, 145-150.	1.0	33
89	Generation of Demyelination Models by Targeted Ablation of Oligodendrocytes in the Zebrafish CNS. Molecules and Cells, 2013, 36, 82-87.	1.0	49
90	Synthesis of LipidGreen2 and its application in lipid and fatty liver imaging. Molecular BioSystems, 2013, 9, 630.	2.9	20

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91	Establishment of a transgenic zebrafish EF1 α :Kaede for monitoring cell proliferation during regeneration. <i>Fish and Shellfish Immunology</i> , 2013, 34, 1390-1394.	1.6	7
92	Predicted drug-induced bradycardia related cardio toxicity using a zebrafish in vivo model is highly correlated with results from in vitro tests. <i>Toxicology Letters</i> , 2013, 216, 9-15.	0.4	24
93	CCDC41 is required for ciliary vesicle docking to the mother centriole. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5987-5992.	3.3	145
94	The Transcription Factor Protein Sox11 Enhances Early Osteoblast Differentiation by Facilitating Proliferation and the Survival of Mesenchymal and Osteoblast Progenitors. <i>Journal of Biological Chemistry</i> , 2013, 288, 25400-25413.	1.6	47
95	HtrA1 Is a Novel Antagonist Controlling Fibroblast Growth Factor (FGF) Signaling via Cleavage of FGF8. <i>Molecular and Cellular Biology</i> , 2012, 32, 4482-4492.	1.1	29
96	Evolution of the Tbx6/16 Subfamily Genes in Vertebrates: Insights from Zebrafish. <i>Molecular Biology and Evolution</i> , 2012, 29, 3959-3983.	3.5	21
97	Inhibition of MKK7 \rightarrow JNK by the TOR Signaling Pathway Regulator-Like Protein Contributes to Resistance of HCC Cells to TRAIL-Induced Apoptosis. <i>Gastroenterology</i> , 2012, 143, 1341-1351.	0.6	48
98	A novel zebrafish human tumor xenograft model validated for anti-cancer drug screening. <i>Molecular BioSystems</i> , 2012, 8, 1930.	2.9	71
99	Metabolic profiling of an alcoholic fatty liver in zebrafish (<i>Danio rerio</i>). <i>Molecular BioSystems</i> , 2012, 8, 2001.	2.9	41
100	Translocations Disrupting PHF21A in the Potocki-Shaffer-Syndrome Region Are Associated with Intellectual Disability and Craniofacial Anomalies. <i>American Journal of Human Genetics</i> , 2012, 91, 56-72.	2.6	59
101	Molecular characterization, immune responses and DNA protection activity of rock bream (<i>Oplegnathus fasciatus</i>), peroxiredoxin 6 (Prx6). <i>Fish and Shellfish Immunology</i> , 2012, 33, 28-35.	1.6	32
102	Highly Selective Cysteine Detection and Bioimaging in Zebrafish through Emission Color Change of Water-Soluble Conjugated Polymer-Based Assay Complex. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 1429-1433.	4.0	56
103	miR-182 is a negative regulator of osteoblast proliferation, differentiation, and skeletogenesis through targeting FoxO1. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 1669-1679.	3.1	143
104	Her4-Positive Population in the Tectum Opticum Is Proliferating Neural Precursors in the Adult Zebrafish Brain. <i>Molecules and Cells</i> , 2012, 33, 627-632.	1.0	14
105	In vitro and in vivo osteogenic activity of licochalcone A. <i>Amino Acids</i> , 2012, 42, 1455-1465.	1.2	36
106	Synthesis of a new fluorescent small molecule probe and its use for in vivo lipid imaging. <i>Chemical Communications</i> , 2011, 47, 7500.	2.2	88
107	The microcephaly gene <i>aspm</i> is involved in brain development in zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 640-644.	1.0	25
108	Fucoidan promotes mechanosensory hair cell regeneration following amino glycoside-induced cell death. <i>Hearing Research</i> , 2011, 282, 236-242.	0.9	26

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109	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2010-30 November 2010. <i>Molecular Ecology Resources</i> , 2011, 11, 418-421.	2.2	43
110	Neuron-Specific Expression of Scratch Genes during Early Zebrafish Development. <i>Molecules and Cells</i> , 2011, 31, 471-476.	1.0	10
111	Cug2 is essential for normal mitotic control and CNS development in zebrafish. <i>BMC Developmental Biology</i> , 2011, 11, 49.	2.1	6
112	Crystal Structure of the Human N-Myc Downstream-regulated Gene 2 Protein Provides Insight into Its Role as a Tumor Suppressor. <i>Journal of Biological Chemistry</i> , 2011, 286, 12450-12460.	1.6	60
113	WDR11, a WD Protein that Interacts with Transcription Factor EMX1, Is Mutated in Idiopathic Hypogonadotropic Hypogonadism and Kallmann Syndrome. <i>American Journal of Human Genetics</i> , 2010, 87, 465-479.	2.6	165
114	Visualization of myelination in GFP-transgenic zebrafish. <i>Developmental Dynamics</i> , 2010, 239, 592-597.	0.8	112
115	Cancer-upregulated gene 2 (CUG2) overexpression induces apoptosis in SKOV3 cells. <i>Cell Biochemistry and Function</i> , 2010, 28, 461-468.	1.4	9
116	Gicerin/Cd146 is involved in zebrafish cardiovascular development and tumor angiogenesis. <i>Genes To Cells</i> , 2010, 15, 1099-1110.	0.5	19
117	Enhanced Delivery of Adenovirus, Using Proteoliposomes Containing Wildtype or V156K Apolipoprotein A-I and Dimyristoylphosphatidylcholine. <i>Human Gene Therapy</i> , 2010, 21, 579-587.	1.4	17
118	Syntabulin, a motor protein linker, controls dorsal determination. <i>Development (Cambridge)</i> , 2010, 137, 923-933.	1.2	84
119	Impact of NAD(P)H:Quinone Oxidoreductase-1 on Pigmentation. <i>Journal of Investigative Dermatology</i> , 2010, 130, 784-792.	0.3	24
120	Zebrafish type XVII collagen: Gene structures, expression profiles, and morpholino knock-down phenotypes. <i>Matrix Biology</i> , 2010, 29, 629-637.	1.5	20
121	The transcription factor snail regulates osteogenic differentiation by repressing Runx2 expression. <i>Bone</i> , 2010, 46, 1498-1507.	1.4	23
122	TC1(C8orf4) Is a Novel Endothelial Inflammatory Regulator Enhancing NF- κ B Activity. <i>Journal of Immunology</i> , 2009, 183, 3996-4002.	0.4	28
123	Human ZNF312b Promotes the Progression of Gastric Cancer by Transcriptional Activation of the <i>K-ras</i> Gene. <i>Cancer Research</i> , 2009, 69, 3131-3139.	0.4	29
124	Nucleogenesis and embryonic genome activation are defective in interspecies cloned embryos between bovine ooplasm and rhesus monkey somatic cells. <i>BMC Developmental Biology</i> , 2009, 9, 44.	2.1	23
125	Over-expression of Reticulon 3 (RTN3) enhances TRAIL-mediated apoptosis via up-regulation of death receptor 5 (DR5) and down-regulation of c-FLIP. <i>Cancer Letters</i> , 2009, 279, 185-192.	3.2	20
126	Her4 is necessary for establishing peripheral projections of the trigeminal ganglia in zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 22-26.	1.0	8

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127	Notch Signaling Promotes the Generation of EphrinB1-Positive Intestinal Epithelial Cells. <i>Gastroenterology</i> , 2009, 137, 145-155.e3.	0.6	34
128	Prostacyclin stimulates embryonic development via regulation of the cAMP response element-binding protein - cyclo-oxygenase-2 signalling pathway in cattle. <i>Reproduction, Fertility and Development</i> , 2009, 21, 400.	0.1	15
129	Frizzled 8a function is required for oligodendrocyte development in the zebrafish spinal cord. <i>Developmental Dynamics</i> , 2008, 237, 3324-3331.	0.8	22
130	Isolation and expression analysis of Alzheimer's disease-related gene <i>xb51</i> in zebrafish. <i>Developmental Dynamics</i> , 2008, 237, 3921-3926.	0.8	11
131	Real-time imaging of mitochondria in transgenic zebrafish expressing mitochondrially targeted GFP. <i>BioTechniques</i> , 2008, 45, 331-334.	0.8	89
132	An Obligatory Role of Mind Bomb-1 in Notch Signaling of Mammalian Development. <i>PLoS ONE</i> , 2007, 2, e1221.	1.1	105
133	Four <i>twist</i> genes in zebrafish, four expression patterns. <i>Developmental Dynamics</i> , 2007, 236, 2615-2626.	0.8	48
134	Zebrafish as a new model for phenotype-based screening of melanogenic regulatory compounds. <i>Pigment Cell & Melanoma Research</i> , 2007, 20, 120-127.	4.0	201
135	<i>Snx5</i> , as a Mind bomb-binding protein, is expressed in hematopoietic and endothelial precursor cells in zebrafish. <i>FEBS Letters</i> , 2006, 580, 4409-4416.	1.3	21
136	Dynamic expression patterns of zebrafish <i>1G5</i> (<i>1G5z</i>), a calmodulin kinase-like gene in the developing nervous system. <i>Developmental Dynamics</i> , 2006, 235, 835-842.	0.8	4
137	Confirmation of a linkage between H-Ras and MMP-13 expression as well as MMP-9 by chemical genomic approach. <i>International Journal of Cancer</i> , 2006, 118, 2172-2181.	2.3	8
138	Neuralized-2 Regulates a Notch Ligand in Cooperation with Mind Bomb-1. <i>Journal of Biological Chemistry</i> , 2006, 281, 36391-36400.	1.6	46
139	Phosphorylation and Transactivation of Pax6 by Homeodomain-interacting Protein Kinase 2. <i>Journal of Biological Chemistry</i> , 2006, 281, 7489-7497.	1.6	66
140	Ganglioside GM3 is involved in neuronal cell death. <i>FASEB Journal</i> , 2006, 20, 1248-1250.	0.2	73
141	Mind Bomb-2 Is an E3 Ligase for Notch Ligand. <i>Journal of Biological Chemistry</i> , 2005, 280, 22335-22342.	1.6	93
142	Mind bomb 1 is essential for generating functional Notch ligands to activate Notch. <i>Development (Cambridge)</i> , 2005, 132, 3459-3470.	1.2	221
143	<i>Sinup</i> , a novel Siaz-interacting nuclear protein, modulates neural plate formation in the zebrafish embryos. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 993-1003.	1.0	3
144	Notch signaling can regulate endoderm formation in zebrafish. <i>Developmental Dynamics</i> , 2004, 229, 756-762.	0.8	51

#	ARTICLE	IF	CITATIONS
145	Genetic evidence for involvement of maternally derived Wnt canonical signaling in dorsal determination in zebrafish. <i>Mechanisms of Development</i> , 2004, 121, 371-386.	1.7	55
146	Cloning and expression analysis of a Parkinson's disease gene, <i>uch-L1</i> , and its promoter in zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 601-607.	1.0	58
147	Isolation and expression of <i>Napor/CUG-BP2</i> in embryo development. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 448-454.	1.0	17
148	<i>Zath3</i> , a neural basic helix-loop-helix gene, regulates early neurogenesis in the zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 184-190.	1.0	32
149	Expression of a novel type I keratin, <i>DAPK-1</i> in the dorsal aorta and pronephric duct of the zebrafish embryos. <i>Gene</i> , 2003, 312, 145-150.	1.0	2
150	Mind Bomb Is a Ubiquitin Ligase that Is Essential for Efficient Activation of Notch Signaling by Delta. <i>Developmental Cell</i> , 2003, 4, 67-82.	3.1	716
151	A homeobox gene, <i>pnx</i> , is involved in the formation of posterior neurons in zebrafish. <i>Development (Cambridge)</i> , 2003, 130, 1853-1865.	1.2	20
152	Isolation and expression of a novel neuron-specific one cut homeobox gene in zebrafish. <i>Mechanisms of Development</i> , 2002, 112, 199-202.	1.7	28
153	A role for <i>iro1</i> and <i>iro7</i> in the establishment of an anteroposterior compartment of the ectoderm adjacent to the midbrain-hindbrain boundary. <i>Development (Cambridge)</i> , 2002, 129, 2317-2327.	1.2	73
154	Specification of an anterior neuroectoderm patterning by <i>Frizzled8a</i> -mediated <i>Wnt8b</i> signalling during late gastrulation in zebrafish. <i>Development (Cambridge)</i> , 2002, 129, 4443-4455.	1.2	81
155	Specification of an anterior neuroectoderm patterning by <i>Frizzled8a</i> -mediated <i>Wnt8b</i> signalling during late gastrulation in zebrafish. <i>Development (Cambridge)</i> , 2002, 129, 4443-55.	1.2	34
156	Notch signaling is required for arterial-venous differentiation during embryonic vascular development. <i>Development (Cambridge)</i> , 2001, 128, 3675-3683.	1.2	768
157	Repressor activity of <i>Headless/Tcf3</i> is essential for vertebrate head formation. <i>Nature</i> , 2000, 407, 913-916.	13.7	364
158	Analysis of Upstream Elements in the <i>HuC</i> Promoter Leads to the Establishment of Transgenic Zebrafish with Fluorescent Neurons. <i>Developmental Biology</i> , 2000, 227, 279-293.	0.9	382
159	Structural comparison of zebrafish <i>Elav/Hu</i> and their differential expressions during neurogenesis. <i>Neuroscience Letters</i> , 2000, 279, 81-84.	1.0	79
160	Characterization of two <i>frizzled8</i> homologues expressed in the embryonic shield and prechordal plate of zebrafish embryos1The entire nucleotide sequences for <i>Zfz8a</i> and <i>Zfz8b</i> cDNA were deposited to the GenBank database under the Accession numbers AF060697 and AF060696, respectively.1. <i>Mechanisms of Development</i> , 1998, 78, 193-198.	1.7	32
161	A novel homeobox gene, <i>dharmia</i> , can induce the organizer in a non-cell-autonomous manner. <i>Genes and Development</i> , 1998, 12, 2345-2353.	2.7	118
162	Cloning and expression of the quaking gene in the zebrafish embryo1Sequence data from this article have been deposited with the Genbank data libraries under accession number U62134.1. <i>Mechanisms of Development</i> , 1997, 69, 209-213.	1.7	24

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163	Overexpression of neurogenin induces ectopic expression of HuC in zebrafish. <i>Neuroscience Letters</i> , 1997, 239, 113-116.	1.0	81
164	Zebrafish elav/HuC homologue as a very early neuronal marker. <i>Neuroscience Letters</i> , 1996, 216, 109-112.	1.0	264
165	Neuron-specific expression of a chicken gicerin cDNA in transient transgenic zebrafish. <i>Neurochemical Research</i> , 1996, 21, 231-237.	1.6	11
166	Expression and Functional Analysis of a Novel Isoform of Gicerin, an Immunoglobulin Superfamily Cell Adhesion Molecule. <i>Journal of Biological Chemistry</i> , 1995, 270, 28681-28687.	1.6	42
167	Molecular cloning and functional expression of gicerin, a novel cell adhesion molecule that binds to neurite outgrowth factor. <i>Neuron</i> , 1994, 12, 861-872.	3.8	96