

Hae-Chul Park

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,998
citations

393982

19
h-index

253896

43
g-index

48
all docs

48
docs citations

48
times ranked

2586
citing authors

#	ARTICLE	IF	CITATIONS
1	Noise-induced hearing loss in zebrafish model: Characterization of tonotopy and sex-based differences. <i>Hearing Research</i> , 2022, 418, 108485.	0.9	12
2	Small compounds mimicking the adhesion molecule L1 improve recovery in a zebrafish demyelination model. <i>Scientific Reports</i> , 2021, 11, 5878.	1.6	3
3	Dual role of endothelial <i>Myct1</i> in tumor angiogenesis and tumor immunity. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	35
4	Development of an experimental model for ocular toxicity screening in Zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2021, 559, 155-160.	1.0	2
5	Identification of de novo EP300 and PLA1 variants in a patient with Rubinstein-Taybi syndrome-related arterial vasculopathy and skeletal anomaly. <i>Scientific Reports</i> , 2021, 11, 15931.	1.6	3
6	Protective effects of alpha-lipoic acid on hair cell damage in diabetic zebrafish model. <i>Molecular Genetics and Metabolism Reports</i> , 2021, 28, 100783.	0.4	2
7	Transgenic fluorescent zebrafish lines that have revolutionized biomedical research. <i>Laboratory Animal Research</i> , 2021, 37, 26.	1.1	36
8	Prevention of mitochondrial impairment by inhibition of protein phosphatase 1 activity in amyotrophic lateral sclerosis. <i>Cell Death and Disease</i> , 2020, 11, 888.	2.7	12
9	A nonsense variant in <i>NME5</i> causes human primary ciliary dyskinesia with radial spoke defects. <i>Clinical Genetics</i> , 2020, 98, 64-68.	1.0	25
10	Analysis of behavioral changes in zebrafish (<i>Danio rerio</i>) larvae caused by aminoglycoside-induced damage to the lateral line and muscles. <i>NeuroToxicology</i> , 2020, 78, 134-142.	1.4	22
11	Schwann cells selectively myelinate primary motor axons via neuregulin-ErbB signaling. <i>Glia</i> , 2020, 68, 2585-2600.	2.5	2
12	Wnt-PLC-IP3-Connexin-Ca ²⁺ axis maintains ependymal motile cilia in zebrafish spinal cord. <i>Nature Communications</i> , 2020, 11, 1860.	5.8	30
13	Notch Signaling Controls Oligodendrocyte Regeneration in the Injured Telencephalon of Adult Zebrafish. <i>Experimental Neurobiology</i> , 2020, 29, 417-424.	0.7	5
14	In vivo assay of the ethanol-induced embryonic hair cell loss and the protective role of the retinoic and folic acid in zebrafish larvae (<i>Danio rerio</i>). <i>Alcohol</i> , 2019, 75, 113-121.	0.8	6
15	Label-free neuroimaging in vivo using synchronous angular scanning microscopy with single-scattering accumulation algorithm. <i>Nature Communications</i> , 2019, 10, 3152.	5.8	32
16	Myelin degeneration induced by mutant superoxide dismutase 1 accumulation promotes amyotrophic lateral sclerosis. <i>Glia</i> , 2019, 67, 1910-1921.	2.5	28
17	Assessment of hair cell damage and developmental toxicity after fine particulate matter 2.5 µm (PM 2.5) exposure using zebrafish (<i>Danio rerio</i>) models. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 126, 109611.	0.4	4
18	Overexpression of Spexin 1 in the Dorsal Habenula Reduces Anxiety in Zebrafish. <i>Frontiers in Neural Circuits</i> , 2019, 13, 53.	1.4	22

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19	Distribution and neuronal circuit of spexin 1/2 neurons in the zebrafish CNS. <i>Scientific Reports</i> , 2019, 9, 5025.	1.6	23
20	CCN1 interlinks integrin and hippo pathway to autoregulate tip cell activity. <i>ELife</i> , 2019, 8, .	2.8	36
21	Targeting Cyclin D-CDK4/6 Sensitizes Immune-Refractory Cancer by Blocking the SCP3â€“NANOG Axis. <i>Cancer Research</i> , 2018, 78, 2638-2653.	0.4	30
22	Comparative study of dual-pulsed 1064 nm Q-switched Nd:YAG laser and single-pulsed 1064 nm Q-switched Nd:YAG laser by using zebrafish model and prospective split-face analysis of facial melasma. <i>Journal of Cosmetic and Laser Therapy</i> , 2017, 19, 114-123.	0.3	4
23	In vivo assessment of hair cell damage and developmental toxicity caused by gestational caffeine exposure using zebrafish (<i>Danio rerio</i>) models. <i>Neurotoxicology and Teratology</i> , 2017, 64, 1-7.	1.2	19
24	Molecular characterization of a bactericidal permeability-increasing protein/lipopolysaccharide-binding protein from black rockfish (<i>Sebastes schlegelii</i>): Deciphering its putative antibacterial role. <i>Developmental and Comparative Immunology</i> , 2017, 67, 266-275.	1.0	11
25	Morphologic Changes of Zebrafish Melanophore after Intense Pulsed Light and Q-Switched Nd:YAG Laser Irradiation. <i>Annals of Dermatology</i> , 2016, 28, 711.	0.3	2
26	Sodium Selenite Acts as an Otoprotectant against Neomycin-Induced Hair Cell Damage in a Zebrafish Model. <i>PLoS ONE</i> , 2016, 11, e0151557.	1.1	11
27	An invertebrate signal transducer and activator of transcription 5 (STAT5) ortholog from the disk abalone, <i>Haliotis discus discus</i> : Genomic structure, early developmental expression, and immune responses to bacterial and viral stresses. <i>Developmental and Comparative Immunology</i> , 2016, 56, 46-56.	1.0	10
28	A thioredoxin domain-containing protein 12 from black rockfish <i>Sebastes schlegelii</i> : Responses to immune challenges and protection from apoptosis against oxidative stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 185-186, 29-37.	1.3	12
29	Three novel C1q domain containing proteins from the disk abalone <i>Haliotis discus discus</i> : Genomic organization and analysis of the transcriptional changes in response to bacterial pathogens. <i>Fish and Shellfish Immunology</i> , 2016, 56, 181-187.	1.6	7
30	ISL1-based LIM complexes control Slit2 transcription in developing cranial motor neurons. <i>Scientific Reports</i> , 2016, 6, 36491.	1.6	16
31	Distribution of galanin receptor 2b neurons and interaction with galanin in the zebrafish central nervous system. <i>Neuroscience Letters</i> , 2016, 628, 153-160.	1.0	9
32	Embryotoxicity and hair cell toxicity of silver nanoparticles in zebrafish embryos. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 83, 168-174.	0.4	29
33	Ecabet sodium alleviates neomycin-induced hair cell damage. <i>Free Radical Biology and Medicine</i> , 2015, 89, 1176-1183.	1.3	11
34	Repurpose terbutaline sulfate for amyotrophic lateral sclerosis using electronic medical records. <i>Scientific Reports</i> , 2015, 5, 8580.	1.6	43
35	Influence of Pulse Type on Subcellular Selective Photothermolysis of Melanosomes in Adult Zebrafish Skin Following 1,064-nm, Q-switched, Nd:YAG Laser Irradiation: A Pilot Study. <i>Annals of Dermatology</i> , 2015, 27, 230.	0.3	2
36	Identification of a myeloperoxidase-like ortholog from rock bream (<i>Oplegnathus fasciatus</i>), deciphering its transcriptional responses to induced pathogen stress. <i>Fish and Shellfish Immunology</i> , 2015, 45, 477-485.	1.6	5

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37	Three novel clade B serine protease inhibitors from disk abalone, <i>Haliotis discus discus</i> : Molecular perspectives and responses to immune challenges and tissue injury. <i>Fish and Shellfish Immunology</i> , 2015, 45, 334-341.	1.6	5
38	Genomic identification and molecular characterization of a non-mammalian TNFAIP8L2 gene from <i>Oplegnathus fasciatus</i> . <i>Gene</i> , 2014, 542, 52-63.	1.0	5
39	Protective effects of caffeic acid phenethyl ester (CAPE) against neomycin-induced hair cell damage in zebrafish. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 1311-1315.	0.4	16
40	Generation of Demyelination Models by Targeted Ablation of Oligodendrocytes in the Zebrafish CNS. <i>Molecules and Cells</i> , 2013, 36, 82-87.	1.0	49
41	Protective Role of Trimetazidine Against Neomycin-induced Hair Cell Damage in Zebrafish. <i>Clinical and Experimental Otorhinolaryngology</i> , 2013, 6, 219.	1.1	15
42	Visualization of myelination in GFP α transgenic zebrafish. <i>Developmental Dynamics</i> , 2010, 239, 592-597.	0.8	112
43	CNS-derived glia ensheath peripheral nerves and mediate motor root development. <i>Nature Neuroscience</i> , 2008, 11, 143-151.	7.1	228
44	An <i>olig2</i> reporter gene marks oligodendrocyte precursors in the postembryonic spinal cord of zebrafish. <i>Developmental Dynamics</i> , 2007, 236, 3402-3407.	0.8	90
45	Neural cell fate analysis in zebrafish using olig2 BAC transgenics. <i>Cytotechnology</i> , 2003, 25, 7-14.	0.7	260
46	olig2 Is Required for Zebrafish Primary Motor Neuron and Oligodendrocyte Development. <i>Developmental Biology</i> , 2002, 248, 356-368.	0.9	274
47	Analysis of Upstream Elements in the HuC Promoter Leads to the Establishment of Transgenic Zebrafish with Fluorescent Neurons. <i>Developmental Biology</i> , 2000, 227, 279-293.	0.9	382