

Carol H Kim

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

2,463
citations

27
h-index

38
g-index

38
ext. papers

2,766
ext. citations

5.1
avg, IF

4.66
L-index

#	Paper	IF	Citations
37	Molecular and functional analysis of an interferon gene from the zebrafish, <i>Danio rerio</i> . <i>Journal of Virology</i> , 2003 , 77, 1992-2002	6.6	249
36	Zebrafish as a model for infectious disease and immune function. <i>Fish and Shellfish Immunology</i> , 2008 , 25, 341-50	4.3	217
35	Pathogenesis and inflammatory response to <i>Edwardsiella tarda</i> infection in the zebrafish. <i>Developmental and Comparative Immunology</i> , 2005 , 29, 501-13	3.2	214
34	Functional characterization of full-length TLR3, IRAK-4, and TRAF6 in zebrafish (<i>Danio rerio</i>). <i>Molecular Immunology</i> , 2005 , 42, 1057-71	4.3	176
33	DNA vaccines encoding viral glycoproteins induce nonspecific immunity and Mx protein synthesis in fish. <i>Journal of Virology</i> , 2000 , 74, 7048-54	6.6	138
32	Cell-specific mitotic defect and dyserythropoiesis associated with erythroid band 3 deficiency. <i>Nature Genetics</i> , 2003 , 34, 59-64	36.3	114
31	The gene history of zebrafish tlr4a and tlr4b is predictive of their divergent functions. <i>Journal of Immunology</i> , 2009 , 183, 5896-908	5.3	109
30	Effects of low concentrations of arsenic on the innate immune system of the zebrafish (<i>Danio rerio</i>). <i>Toxicological Sciences</i> , 2007 , 98, 118-24	4.4	109
29	Characterization of snakehead rhabdovirus infection in zebrafish (<i>Danio rerio</i>). <i>Journal of Virology</i> , 2005 , 79, 1842-52	6.6	109
28	Study of host-microbe interactions in zebrafish. <i>Methods in Cell Biology</i> , 2011 , 105, 87-116	1.8	84
27	Cloning and characterization of an Mx gene and its corresponding promoter from the zebrafish, <i>Danio rerio</i> . <i>Developmental and Comparative Immunology</i> , 2004 , 28, 295-306	3.2	84
26	Development of a respiratory burst assay using zebrafish kidneys and embryos. <i>Journal of Immunological Methods</i> , 2004 , 292, 119-29	2.5	81
25	Evidence for evolving Toll-IL-1 receptor-containing adaptor molecule function in vertebrates. <i>Journal of Immunology</i> , 2007 , 178, 4517-27	5.3	74
24	Actin mediates the nanoscale membrane organization of the clustered membrane protein influenza hemagglutinin. <i>Biophysical Journal</i> , 2013 , 104, 2182-92	2.9	70
23	Specific resistance to <i>Pseudomonas aeruginosa</i> infection in zebrafish is mediated by the cystic fibrosis transmembrane conductance regulator. <i>Infection and Immunity</i> , 2010 , 78, 4542-50	3.7	56
22	Infectious hematopoietic necrosis virus matrix protein inhibits host-directed gene expression and induces morphological changes of apoptosis in cell cultures. <i>Journal of Virology</i> , 2000 , 74, 7619-27	6.6	55
21	Effects of arsenic on zebrafish innate immune system. <i>Marine Biotechnology</i> , 2005 , 7, 494-505	3.4	54

20	Influenza A virus infection in zebrafish recapitulates mammalian infection and sensitivity to anti-influenza drug treatment. <i>DMM Disease Models and Mechanisms</i> , 2014 , 7, 1227-37	4.1	53
19	Triclosan is a mitochondrial uncoupler in live zebrafish. <i>Journal of Applied Toxicology</i> , 2016 , 36, 1662-1667.	4.1	42
18	Broad-host-range plasmids for red fluorescent protein labeling of gram-negative bacteria for use in the zebrafish model system. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 3467-74	4.8	40
17	Production of recombinant snakehead rhabdovirus: the NV protein is not required for viral replication. <i>Journal of Virology</i> , 2000 , 74, 2343-50	6.6	40
16	Arsenic ecotoxicology and innate immunity. <i>Integrative and Comparative Biology</i> , 2006 , 46, 1040-54	2.8	39
15	The NV gene of snakehead rhabdovirus (SHRV) is not required for pathogenesis, and a heterologous glycoprotein can be incorporated into the SHRV envelope. <i>Journal of Virology</i> , 2004 , 78, 5875-82	6.6	39
14	Truncated particles produced in fish surviving infectious hematopoietic necrosis virus infection: mediators of persistence?. <i>Journal of Virology</i> , 1999 , 73, 843-9	6.6	37
13	Differential expression and ligand binding indicate alternative functions for zebrafish polymeric immunoglobulin receptor (pIgR) and a family of pIgR-like (PIGRL) proteins. <i>Immunogenetics</i> , 2014 , 66, 267-79	3.2	36
12	Studying the immune response to human viral infections using zebrafish. <i>Developmental and Comparative Immunology</i> , 2014 , 46, 84-95	3.2	35
11	Advancing toxicology research using in vivo high throughput toxicology with small fish models. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2016 , 33, 435-452	4.3	34
10	Super resolution microscopy reveals that caveolin-1 is required for spatial organization of CRFB1 and subsequent antiviral signaling in zebrafish. <i>PLoS ONE</i> , 2013 , 8, e68759	3.7	24
9	Nanoscale imaging of caveolin-1 membrane domains in vivo. <i>PLoS ONE</i> , 2015 , 10, e0117225	3.7	12
8	Quantification of the respiratory burst response as an indicator of innate immune health in zebrafish. <i>Journal of Visualized Experiments</i> , 2013 ,	1.6	8
7	Using Zebrafish Models of Human Influenza A Virus Infections to Screen Antiviral Drugs and Characterize Host Immune Cell Responses. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	7
6	Influenza A Virus Infection Damages Zebrafish Skeletal Muscle and Exacerbates Disease in Zebrafish Modeling Duchenne Muscular Dystrophy. <i>PLOS Currents</i> , 2017 , 9,		7
5	Innate Immune System of the Zebrafish, <i>Danio rerio</i> . <i>Nucleic Acids and Molecular Biology</i> , 2008 , 113-133		6
4	Modeling Virus-Induced Inflammation in Zebrafish: A Balance Between Infection Control and Excessive Inflammation. <i>Frontiers in Immunology</i> , 2021 , 12, 636623	8.4	5
3	Evolutionary divergence of the vertebrate TNFAIP8 gene family: Applying the spotted gar orthology bridge to understand ohnolog loss in teleosts. <i>PLoS ONE</i> , 2017 , 12, e0179517	3.7	4

2	Testing multiple hypotheses through IMP weighted FDR based on a genetic functional network with application to a new zebrafish transcriptome study. <i>BioData Mining</i> , 2015 , 8, 17	4.3	2
1	Molecular and Functional Analysis of an Interferon Gene from the Zebrafish, <i>Danio rerio</i> . <i>Journal of Virology</i> , 2003 , 77, 3890-3890	6.6	0