Liqun Lu

List of Publications by Year in descending order

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		331259	433756
75	1,214	21	31
papers	citations	h-index	g-index
77	77	77	912
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Progress in research on acute hepatopancreatic necrosis disease (AHPND). Aquaculture International, 2016, 24, 577-593.	1.1	87
2	Comparative analysis of differential gene expression in kidney tissues of moribund and surviving crucian carp (Carassius auratus gibelio) in response to cyprinid herpesvirus 2 infection. Archives of Virology, 2014, 159, 1961-1974.	0.9	62
3	Immunological Characterization of the Spike Protein of the Severe Acute Respiratory Syndrome Coronavirus. Journal of Clinical Microbiology, 2004, 42, 1570-1576.	1.8	61
4	Quantitative in vivo and in vitro characterization of co-infection by two genetically distant grass carp reoviruses. Journal of General Virology, 2013, 94, 1301-1309.	1.3	54
5	Integrated pharmacokinetics/pharmacodynamics parameters-based dosing guidelines of enrofloxacin in grass carp Ctenopharyngodon idella to minimize selection of drug resistance. BMC Veterinary Research, 2013, 9, 126.	0.7	48
6	Different expression profiles of Interleukin 11 (IL-11), Intelectin (ITLN) and Purine nucleoside phosphorylase 5a (PNP 5a) in crucian carp (Carassius auratus gibelio) in response to Cyprinid herpesvirus 2 and Aeromonas hydrophila. Fish and Shellfish Immunology, 2014, 38, 65-73.	1.6	38
7	The use of an in vitro microneutralization assay to evaluate the potential of recombinant VP5 protein as an antigen for vaccinating against Grass carp reovirus. Virology Journal, 2011, 8, 132.	1.4	34
8	Identification and pathogenicity of <i>Vibrio parahaemolyticus</i> isolates and immune responses of <i>Penaeus</i> (<i>Litopenaeus</i>) <i>vannamei</i> (Boone). Journal of Fish Diseases, 2016, 39, 1085-1097.	0.9	34
9	Lipopolysaccharide-induced TNF-α factor in grass carp (Ctenopharyngodon idella): Evidence for its involvement in antiviral innate immunity. Fish and Shellfish Immunology, 2013, 34, 538-545.	1.6	31
10	Identification of a novel shrimp protein phosphatase and its association with latencey-related ORF427 of white spot syndrome virus. FEBS Letters, 2004, 577, 141-146.	1.3	29
11	Disruption of clathrin-dependent trafficking results in the failure of grass carp reovirus cellular entry. Virology Journal, 2016, 13, 25.	1.4	27
12	A novel cell line established from caudal fin tissue of Carassius auratus gibelio is susceptible to cyprinid herpesvirus 2 infection with the induction of apoptosis. Virus Research, 2018, 258, 19-27.	1.1	27
13	Suppression of porcine arterivirus replication by baculovirus-delivered shRNA targeting nucleoprotein. Biochemical and Biophysical Research Communications, 2006, 340, 1178-1183.	1.0	26
14	Detection of cyprinid herpesvirus 2 in peripheral blood cells of silver crucian carp, <i>Carassius auratus gibelio</i> (Bloch), suggests its potential in viral diagnosis. Journal of Fish Diseases, 2016, 39, 155-162.	0.9	26
15	Identification of (-)-epigallocatechin-3-gallate as a potential agent for blocking infection by grass carp reovirus. Archives of Virology, 2016, 161, 1053-1059.	0.9	25
16	Inhibitor analysis revealed that clathrin-mediated endocytosis is involed in cellular entry of type III grass carp reovirus. Virology Journal, 2018, 15, 92.	1.4	25
17	Laminin receptor is an interacting partner for viral outer capsid protein VP5 in grass carp reovirus infection. Virology, 2016, 490, 59-68.	1.1	24

Detection methods of Cyprinid herpesvirus 2 infection in silver crucian carp (<i>Carassius auratus) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50

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19	Rapid visual detection of cyprinid herpesvirus 2 by recombinase polymerase amplification combined with a lateral flow dipstick. Journal of Fish Diseases, 2018, 41, 1201-1206.	0.9	24
20	<scp>EGCG</scp> : Potential application as a protective agent against grass carp reovirus in aquaculture. Journal of Fish Diseases, 2018, 41, 1259-1267.	0.9	24
21	Characterization of myeloid-specific peroxidase, keratin 8, and dual specificity phosphatase 1 as innate immune genes involved in the resistance of crucian carp (Carassius auratus gibelio) to Cyprinid herpesvirus 2 infection. Fish and Shellfish Immunology, 2014, 41, 531-540.	1.6	23
22	Proteomic analysis of cellular protein expression profiles in response to grass carp reovirus infection. Fish and Shellfish Immunology, 2015, 44, 515-524.	1.6	19
23	TNF-α is involved in apoptosis triggered by grass carp reovirus infection inÂvitro. Fish and Shellfish Immunology, 2016, 55, 559-567.	1.6	19
24	Identification of a novel membrane-associated protein from the S7 segment of grass carp reovirus. Journal of General Virology, 2019, 100, 369-379.	1.3	19
25	Identification of the Immediate-Early Genes of Cyprinid Herpesvirus 2. Viruses, 2020, 12, 994.	1.5	17
26	Differential expression of miRNA in Carassius auratus gibelio in response to cyprinid herpesvirus 2 infection. Developmental and Comparative Immunology, 2018, 82, 1-6.	1.0	16
27	Identification and characterization of a type I interferon induced by cyprinid herpesvirus 2 infection in crucian carp Carassius auratus gibelio. Fish and Shellfish Immunology, 2018, 76, 35-40.	1.6	16
28	Integrated analysis of mRNA and viral miRNAs in the kidney of Carassius auratus gibelio response to cyprinid herpesvirus 2. Scientific Reports, 2017, 7, 13787.	1.6	15
29	Suppression effect of plant-derived berberine on cyprinid herpesvirus 2 proliferation and its pharmacokinetics in Crucian carp (Carassius auratus gibelio). Antiviral Research, 2021, 186, 105000.	1.9	15
30	Aquareovirus NS31 protein serves as a specific inducer for host heat shock 70-kDa protein. Journal of General Virology, 2020, 101, 145-155.	1.3	15
31	Identification of structure proteins of cyprinid herpesvirus 2. Aquaculture, 2020, 523, 735184.	1.7	13
32	Application of a monoclonal antibody specific for the ORF92 capsid protein of Cyprinid herpesvirus 2. Journal of Virological Methods, 2018, 261, 22-27.	1.0	12
33	In vivo effects of neomycin sulfate on non-specific immunity, oxidative damage and replication of cyprinid herpesvirus 2 in crucian carp (Carassius auratus gibelio). Aquaculture and Fisheries, 2019, 4, 67-73.	1.2	12
34	Rapid visual detection of <i>Micropterus salmoides</i> rhabdovirus using recombinase polymerase amplification combined with lateral flow dipsticks. Journal of Fish Diseases, 2022, 45, 461-469.	0.9	12
35	Serodiagnosis of grass carp reovirus infection in grass carp Ctenopharyngodon idella by a novel Western blot technique. Journal of Virological Methods, 2013, 194, 14-20.	1.0	11
36	Proteomic identification, characterization and expression analysis of Ctenopharyngodon idella VDAC1 upregulated by grass carp reovirus infection. Fish and Shellfish Immunology, 2014, 37, 96-107.	1.6	11

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37	Transcriptomic and proteomic analyses reveal new insights into the regulation of immune pathways during cyprinid herpesvirus 2 infection in vitro. Fish and Shellfish Immunology, 2020, 106, 167-180.	1.6	11
38	Proteomic identification and characterization of Ctenopharyngodon idella tumor necrosis factor receptor-associated protein 1 (CiTrap1): An anti-apoptosis factor upregulated by grass carp reovirus infection. Fish and Shellfish Immunology, 2015, 43, 449-459.	1.6	10
39	Grass carp reovirus NS26 interacts with cellular lipopolysaccharide-induced tumor necrosis factor-alpha factor, LITAF. Virus Genes, 2016, 52, 789-796.	0.7	10
40	Grass carp reovirus outer capsid proteins VP5 and VP7 interact in vitro. Archives of Virology, 2017, 162, 2375-2380.	0.9	10
41	Cyprinid Herpesvirus 2 miR-C12 Attenuates Virus-Mediated Apoptosis and Promotes Virus Propagation by Targeting Caspase 8. Frontiers in Microbiology, 2019, 10, 2923.	1.5	10
42	$(\hat{a} \in \hat{a})$ $\hat{a} \in E$ picatechin gallate, a metabolite of $(\hat{a} \in \hat{a})$ $\hat{a} \in E$ pigallocatechin gallate in grass carp, exhibits antiviral activity in vitro against grass carp reovirus. Aquaculture Research, 2020, 51, 1673-1680.	0.9	10
43	Grass carp Ctenopharyngodon idella Fibulin-4 as a potential interacting partner for grass carp reovirus outer capsid proteins. Fish and Shellfish Immunology, 2016, 48, 169-174.	1.6	9
44	Effect of copper sulfate on <i>Bdellovibrio</i> growth and bacteriolytic activity towards gibel carp-pathogenic <i>Aeromonas hydrophila</i> Canadian Journal of Microbiology, 2018, 64, 1054-1058.	0.8	9
45	A real-time reverse-transcription isothermal recombinase polymerase amplification assay for the rapid detection of genotype III grass carp (Ctenopharyngodon idella) reovirus. Journal of Virological Methods, 2020, 277, 113802.	1.0	9
46	Orthoreovirus outer-fiber proteins are substrates for SUMO-conjugating enzyme Ubc9. Oncotarget, 2016, 7, 79814-79827.	0.8	9
47	Repression of SUMOylation pathway by grass carp reovirus contributes to the upregulation of PKR in an IFN-independent manner. Oncotarget, 2017, 8, 71500-71511.	0.8	8
48	Induction of pro-viral grass carp Ctenopharyngodon idella Hsp70 instead of Hsc70 during infection of grass carp reovirus. Fish and Shellfish Immunology, 2020, 98, 1024-1029.	1.6	8
49	Susceptibility of Goldfish to Cyprinid Herpesvirus 2 (CyHV-2) SH01 Isolated from Cultured Crucian Carp. Viruses, 2021, 13, 1761.	1.5	7
50	Induction of Reactive Oxygen Species Is Necessary for Efficient Onset of Cyprinid Herpesvirus 2 Replication: Implications for Novel Antiviral Strategy With Antioxidants. Frontiers in Microbiology, 2022, 12, .	1.5	7
51	Epigallocatechinâ€3â€gallate inhibits replication of white spot syndrome virus in the freshwater crayfish <i>Procambarus clarkii</i> . Journal of Fish Diseases, 2022, 45, 445-450.	0.9	7
52	Identification of up-regulated proteins potentially involved in the antagonism mechanism of Bacillus amyloliquefaciens G1. Antonie Van Leeuwenhoek, 2013, 103, 1395-1404.	0.7	6
53	Quercetin counteracts the proâ€viral effect of heat shock response in grass carp cells with its therapeutic potential against aquareovirus. Aquaculture Research, 2021, 52, 3164-3173.	0.9	6
54	Molecular cloning and immune responsive expression of a ribonuclease <scp>III</scp> orthologue involved in <scp>RNA</scp> interference, <i>dicer</i> , in grass carp <i>Ctenopharyngodon idella</i> Journal of Fish Biology, 2013, 83, 1234-1248.	0.7	5

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55	Identification of a potential transcriptional regulator encoded by grass carp reovirus. Archives of Virology, 2019, 164, 1393-1404.	0.9	5
56	Characterization of the interaction between outer-fiber protein VP55 of genotype III grass carp reovirus and Fibulin-4 of grass carp. Fish and Shellfish Immunology, 2019, 86, 355-360.	1.6	5
57	MicroRNA expression profiling of caudal fin cell of C. auratus gibelio upon cyprinid herpesvirus 2 infection. Developmental and Comparative Immunology, 2020, 107, 103637.	1.0	5
58	Infection of grass carp reovirus induced the expressional suppression of pro-viral Fibulin-4 in host cells. Fish and Shellfish Immunology, 2018, 77, 294-297.	1.6	4
59	Downregulation of NF-аB signaling is involved in berberine-mediated protection of crucian carp (Carassius auratus gibelio) from cyprinid herpesvirus 2 infection. Aquaculture, 2022, 548, 737713.	1.7	4
60	Effects of dietary carbohydrate levels on the growth, glycometabolism, antioxidant capacity and metabolome of largemouth bass (<i>Micropterus salmoides</i>). Aquaculture Research, 2022, 53, 3748-3758.	0.9	4
61	Sequestration of RNA by grass carp Ctenopharyngodon idella TIA1 is associated with its positive role in facilitating grass carp reovirus infection. Fish and Shellfish Immunology, 2015, 46, 442-448.	1.6	3
62	microRNA (miRâ€KTâ€635) encoded by Cyprinid herpesvirus 2 regulates the viral replication with targeting to the ORF23. Journal of Fish Diseases, 2022, 45, 631-639.	0.9	3
63	A novel method for characterizing the multi-functional C-terminal domain of the Hepadnavirus core protein. Journal of Virological Methods, 2009, 158, 195-198.	1.0	2
64	Molecular cloning and expression analysis of the Ajuba gene of grass carp (Ctenopharyngodon idella) involved in cellular response to viral infection. Developmental and Comparative Immunology, 2015, 48, 164-170.	1.0	2
65	Characterization of <i>lκBα</i> , <i>Rab21</i> and <i>Rac2</i> as Innate Immune Genes during Infection with <i>Aeromonas hydrophila</i> and Cyprinid herpesvirus 2 in Crucian Carp <i>Carassius auratus gibelio</i> . Fish Pathology, 2016, 51, S7-S19.	0.4	2
66	Expression and regulation of ccBAX by miRâ€124 in the caudal fin cell of <i>C.Âauratus gibelio</i> upon cyprinid herpesvirus 2 infection. Journal of Fish Diseases, 2021, 44, 837-845.	0.9	2
67	Integrated analysis of viral miRNAs, mRNA and protein in the caudal fin cells of C. <i>auratus gibelio</i> with cyprinid herpesvirus 2 infection. Journal of Fish Diseases, 2021, 44, 441-460.	0.9	2
68	Quercetin protects rare minnow Gobiocypris rarus from infection of genotype II grass carp reovirus. Aquaculture Research, 2021, 52, 4867-4873.	0.9	2
69	Generation and application of a monoclonal antibody specific for the ORF121 of cyprinid herpesvirus 2. Journal of Fish Diseases, 2022, 45, 387-394.	0.9	2
70	Molecular Cloning and Expression Analysis of <i>Lysozyme C</i> and <i>MHC class l</i> from Crucian Carp <i>Carassius auratus gibelio</i> in Response to Cyprinid Herpesvirus 2 Infection. Fish Pathology, 2016, 51, S20-S29.	0.4	1
71	Grass carp reovirus capsid protein interacts with cellular proteasome subunit beta-type 7: Evidence for the involvement of host proteasome during aquareovirus infection. Fish and Shellfish Immunology, 2020, 98, 77-86.	1.6	1
72	Evidence for a non-fusogenic aquareovirus encoding a transmembrane protein. Archives of Virology, 2022, 167, 571-575.	0.9	1

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73	Potential of (-)-epigallocatechin-3-gallate against bacterial and viral pathogens isolated from gibel carp (Carassius auratus gibelio). Aquaculture, 2022, 561, 738609.	1.7	1
74	Characterization of grass carp FosB, Fosl2, JunD transcription factors in response to GCRV infection. Aquaculture and Fisheries, 2022, 7, 304-312.	1.2	0
75	The Aquareovirus Infection and Replication. , 2021, , 109-131.		O