Quanyuan Wan

List of Publications by Year
in descending order

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		430754	414303
41	1,084	18	32
papers	citations	h-index	g-index

41	41	41	947
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeted immunotherapy of triple-negative breast cancer by aptamer-engineered NK cells. Biomaterials, 2022, 280, 121259.	5.7	20
2	Aptamer-armed nanostructures improve the chemotherapy outcome of triple-negative breast cancer. Molecular Therapy, 2022, 30, 2242-2256.	3.7	8
3	Aptamer Targets Triple-Negative Breast Cancer through Specific Binding to Surface CD49c. Cancers, 2022, 14, 1570.	1.7	7
4	Aptamerâ€“Gemcitabine Conjugates with Enzymatically Cleavable Linker for Targeted Delivery and Intracellular Drug Release in Cancer Cells. Pharmaceuticals, 2022, 15, 558.	1.7	7
5	Neutralizing Aptamers Block S/RBDâ€ACE2 Interactions and Prevent Host Cell Infection. Angewandte Chemie, 2021, 133, 10361-10366.	1.6	15
6	Neutralizing Aptamers Block S/RBDâ€ACE2 Interactions and Prevent Host Cell Infection. Angewandte Chemie - International Edition, 2021, 60, 10273-10278.	7.2	81
7	Aptamers with Self-Loading Drug Payload and pH-Controlled Drug Release for Targeted Chemotherapy. Pharmaceutics, 2021, 13, 1221.	2.0	10
8	Oligonucleotide aptamers for pathogen detection and infectious disease control. Theranostics, 2021, 11, 9133-9161.	4.6	30
9	Aptamer Cocktail to Detect Multiple Species of Mycoplasma in Cell Culture. International Journal of Molecular Sciences, 2020, 21, 3784.	1.8	9
10	The RAG2 gene of yellow catfish (Tachysurus fulvidraco) and its immune response against Edwardsiella ictaluri infection. Developmental and Comparative Immunology, 2019, 98, 65-75.	1.0	8
11	Transferrin Receptor 1-Associated Iron Accumulation and Oxidative Stress Provides a Way for Grass Carp to Fight against Reovirus Infection. International Journal of Molecular Sciences, 2019, 20, 5857.	1.8	7
12	The systematic identification and mRNA expression profiles post viral or bacterial challenge of complement system in grass carp Ctenopharyngodon idella. Fish and Shellfish Immunology, 2019, 86, 107-115.	1.6	17
13	Antibacterial activity of hemocyanin from red swamp crayfish (Procambarus clarkii). Fish and Shellfish Immunology, 2018, 75, 391-399.	1.6	44
14	A systematic investigation on the composition, evolution and expression characteristics of chemokine superfamily in grass carp Ctenopharyngodon idella. Developmental and Comparative Immunology, 2018, 82, 72-82.	1.0	22
15	SNPâ€based susceptibilityâ€“resistance association and mRNA expression regulation analyses of tlr7 to grass carp <scp>Ctenopharyngodon idella</scp> reovirus. Journal of Fish Biology, 2018, 92, 1505-1525.	0.7	5
16	Transcriptome analysis of Pacific white shrimp (Litopenaeus vannamei) challenged by Vibrio parahaemolyticus reveals unique immune-related genes. Fish and Shellfish Immunology, 2018, 77, 164-174.	1.6	82
17	Teleost-Specific TLR19 Localizes to Endosome, Recognizes dsRNA, Recruits TRIF, Triggers both IFN and NF-ÎºB Pathways, and Protects Cells from Grass Carp Reovirus Infection. Journal of Immunology, 2018, 200, 573-585.	0.4	90
18	ROS-induced HSP70 promotes cytoplasmic translocation of high-mobility group box 1b and stimulates antiviral autophagy in grass carp kidney cells. Journal of Biological Chemistry, 2018, 293, 17387-17401.	1.6	50

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19	Bacterial features in tilapia (Oreochromis niloticus) and environments in a goose-tilapia polyculture model. Aquaculture, 2018, 497, 313-319.	1.7	7
20	Pattern recognition receptors in grass carp Ctenopharyngodon idella: I. Organization and expression analysis of TLRs and RLRs. Developmental and Comparative Immunology, 2017, 76, 93-104.	1.0	56
21	Co-infections of infectious spleen and kidney necrosis virus and Siniperca chuatsi rhabdovirus in Chinese perch (Siniperca chuatsi). Microbial Pathogenesis, 2017, 111, 422-430.	1.3	25
22	Large-scale SNP screenings identify markers linked with GCRV resistant traits through transcriptomes of individuals and cell lines in Ctenopharyngodon idella. Scientific Reports, 2017, 7, 1184.	1.6	18
23	The destiny of the resistance/susceptibility against GCRV is controlled by epigenetic mechanisms in CIK cells. Scientific Reports, 2017, 7, 4551.	1.6	14
24	MDA5 Induces a Stronger Interferon Response than RIG-I to GCRV Infection through a Mechanism Involving the Phosphorylation and Dimerization of IRF3 and IRF7 in CIK Cells. Frontiers in Immunology, 2017, 8, 189.	2.2	39
25	Grass Carp Laboratory of Genetics and Physiology 2 Serves As a Negative Regulator in Retinoic Acid-Inducible Gene I- and Melanoma Differentiation-Associated Gene 5-Mediated Antiviral Signaling in Resting State and Early Stage of Grass Carp Reovirus Infection. Frontiers in Immunology, 2017, 8, 352.	2.2	39
26	Bioinformatics analysis of organizational and expressional characterizations of the IFNs, IRFs and CRFBs in grass carp Ctenopharyngodon idella. Developmental and Comparative Immunology, 2016, 61, 97-106.	1.0	57
27	DNA methylation of CiRIG-I gene notably relates to the resistance against GCRV and negatively-regulates mRNA expression in grass carp, Ctenopharyngodon idella. Immunobiology, 2016, 221, 23-30.	0.8	18
28	Transcriptome analysis provides insights into the regulatory function of alternative splicing in antiviral immunity in grass carp (Ctenopharyngodon idella). Scientific Reports, 2015, 5, 12946.	1.6	73
29	SNP detection of TLR8 gene, association study with susceptibility/resistance to GCRV and regulation on mRNA expression in grass carp, Ctenopharyngodon idella. Fish and Shellfish Immunology, 2015, 43, 1-12.	1.6	18
30	Identification and expression of the laboratory of genetics and physiology 2 gene in common carp Cyprinus carpio. Journal of Fish Biology, 2015, 86, 74-91.	0.7	8
31	Grass carp SARM1 and its two splice variants negatively regulate IFN-I response and promote cell death upon GCRV infection at different subcellular locations. Developmental and Comparative Immunology, 2015, 48, 102-115.	1.0	15
32	CpA/CpG methylation of CiMDA5 possesses tight association with the resistance against GCRV and negatively regulates mRNA expression in grass carp, Ctenopharyngodon idella. Developmental and Comparative Immunology, 2015, 48, 86-94.	1.0	18
33	CpG methylation in the 5â€²-flanking region of LGP2 gene lacks association with resistance/susceptibility to GCRV but contributes to the differential expression between muscle and spleen tissues in grass carp, Ctenopharyngodon idella. Fish and Shellfish Immunology, 2014, 40, 154-163.	1.6	13
34	Correlation between grass carp (Ctenopharyngodon idella) resistance to grass carp reovirus and the genetic insert-deletion polymorphisms in promoter and intron of RIG-I gene. Gene, 2013, 516, 320-327.	1.0	9
35	Genomic sequence comparison, promoter activity, SNP detection of RIG-I gene and association with resistance/susceptibility to grass carp reovirus in grass carp (Ctenopharyngodon idella). Developmental and Comparative Immunology, 2013, 39, 333-342.	1.0	14
36	Genetic structure, polymorphism identification of LGP2 gene and their relationship with the resistance/susceptibility to GCRV in grass carp, Ctenopharyngodon idella. Gene, 2013, 521, 166-175.	1.0	15

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37	Identification, expression profiling of a grass carp TLR8 and its inhibition leading to the resistance to reovirus in CIK cells. Developmental and Comparative Immunology, 2013, 41, 82-93.	1.0	30
38	Gene-based polymorphisms, genomic organization of interferon-Î² promoter stimulator 1 (IPS-1) gene and association study with the natural resistance to grass carp reovirus in grass carp Ctenopharyngodon idella. Developmental and Comparative Immunology, 2013, 41, 756-765.	1.0	13
39	A 15 nucleotide deletion mutation in coding region of the RIG-I lowers grass carp (Ctenopharyngodon) Tj ETQq1 1 0.784314 rgBT /Ov	1.6	8
40	Genomic organization, promoter activity of grass carp MDA5 and the association of its polymorphisms with susceptibility/resistance to grass carp reovirus. Molecular Immunology, 2012, 50, 236-243.	1.0	27
41	Functional Characterizations of RIG-I to GCRV and Viral/Bacterial PAMPs in Grass Carp Ctenopharyngodon idella. PLoS ONE, 2012, 7, e42182.	1.1	38