

Quanyuan Wan

List of Publications by Year in descending order

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papers

1,084
citations

430874

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times ranked

947
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#	ARTICLE	IF	CITATIONS
1	Targeted immunotherapy of triple-negative breast cancer by aptamer-engineered NK cells. <i>Biomaterials</i> , 2022, 280, 121259.	11.4	20
2	Aptamer-armed nanostructures improve the chemotherapy outcome of triple-negative breast cancer. <i>Molecular Therapy</i> , 2022, 30, 2242-2256.	8.2	8
3	Aptamer Targets Triple-Negative Breast Cancer through Specific Binding to Surface CD49c. <i>Cancers</i> , 2022, 14, 1570.	3.7	7
4	Aptamer-Gemcitabine Conjugates with Enzymatically Cleavable Linker for Targeted Delivery and Intracellular Drug Release in Cancer Cells. <i>Pharmaceutics</i> , 2022, 15, 558.	3.8	7
5	Neutralizing Aptamers Block S/RBD-ACE2 Interactions and Prevent Host Cell Infection. <i>Angewandte Chemie</i> , 2021, 133, 10361-10366.	2.0	15
6	Neutralizing Aptamers Block S/RBD-ACE2 Interactions and Prevent Host Cell Infection. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10273-10278.	13.8	81
7	Aptamers with Self-Loading Drug Payload and pH-Controlled Drug Release for Targeted Chemotherapy. <i>Pharmaceutics</i> , 2021, 13, 1221.	4.5	10
8	Oligonucleotide aptamers for pathogen detection and infectious disease control. <i>Theranostics</i> , 2021, 11, 9133-9161.	10.0	30
9	Aptamer Cocktail to Detect Multiple Species of Mycoplasma in Cell Culture. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3784.	4.1	9
10	The RAG2 gene of yellow catfish (<i>Tachysurus fulvidraco</i>) and its immune response against <i>Edwardsiella ictaluri</i> infection. <i>Developmental and Comparative Immunology</i> , 2019, 98, 65-75.	2.3	8
11	Transferrin Receptor 1-Associated Iron Accumulation and Oxidative Stress Provides a Way for Grass Carp to Fight against Reovirus Infection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5857.	4.1	7
12	The systematic identification and mRNA expression profiles post viral or bacterial challenge of complement system in grass carp <i>Ctenopharyngodon idella</i> . <i>Fish and Shellfish Immunology</i> , 2019, 86, 107-115.	3.6	17
13	Antibacterial activity of hemocyanin from red swamp crayfish (<i>Procambarus clarkii</i>). <i>Fish and Shellfish Immunology</i> , 2018, 75, 391-399.	3.6	44
14	A systematic investigation on the composition, evolution and expression characteristics of chemokine superfamily in grass carp <i>Ctenopharyngodon idella</i> . <i>Developmental and Comparative Immunology</i> , 2018, 82, 72-82.	2.3	22
15	SNP-based susceptibility-resistance association and mRNA expression regulation analyses of <i>tlr7</i> to grass carp <i>Ctenopharyngodon idella</i> reovirus. <i>Journal of Fish Biology</i> , 2018, 92, 1505-1525.	1.6	5
16	Transcriptome analysis of Pacific white shrimp (<i>Litopenaeus vannamei</i>) challenged by <i>Vibrio parahaemolyticus</i> reveals unique immune-related genes. <i>Fish and Shellfish Immunology</i> , 2018, 77, 164-174.	3.6	82
17	Teleost-Specific TLR19 Localizes to Endosome, Recognizes dsRNA, Recruits TRIF, Triggers both IFN and NF- κ B Pathways, and Protects Cells from Grass Carp Reovirus Infection. <i>Journal of Immunology</i> , 2018, 200, 573-585.	0.8	90
18	ROS-induced HSP70 promotes cytoplasmic translocation of high-mobility group box 1b and stimulates antiviral autophagy in grass carp kidney cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 17387-17401.	3.4	50

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19	Bacterial features in tilapia (<i>Oreochromis niloticus</i>) and environments in a goose-tilapia polyculture model. <i>Aquaculture</i> , 2018, 497, 313-319.	3.5	7
20	Pattern recognition receptors in grass carp <i>Ctenopharyngodon idella</i> : I. Organization and expression analysis of TLRs and RLRs. <i>Developmental and Comparative Immunology</i> , 2017, 76, 93-104.	2.3	56
21	Co-infections of infectious spleen and kidney necrosis virus and <i>Siniperca chuatsi</i> rhabdovirus in Chinese perch (<i>Siniperca chuatsi</i>). <i>Microbial Pathogenesis</i> , 2017, 111, 422-430.	2.9	25
22	Large-scale SNP screenings identify markers linked with GCRV resistant traits through transcriptomes of individuals and cell lines in <i>Ctenopharyngodon idella</i> . <i>Scientific Reports</i> , 2017, 7, 1184.	3.3	18
23	The destiny of the resistance/susceptibility against GCRV is controlled by epigenetic mechanisms in CIK cells. <i>Scientific Reports</i> , 2017, 7, 4551.	3.3	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. <i>Frontiers in Immunology</i> , 2017, 8, 189.	4.8	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. <i>Frontiers in Immunology</i> , 2017, 8, 352.	4.8	39
26	Bioinformatics analysis of organizational and expressional characterizations of the IFNs, IRFs and CRFBs in grass carp <i>Ctenopharyngodon idella</i> . <i>Developmental and Comparative Immunology</i> , 2016, 61, 97-106.	2.3	57
27	DNA methylation of CiRIG-I gene notably relates to the resistance against GCRV and negatively-regulates mRNA expression in grass carp, <i>Ctenopharyngodon idella</i> . <i>Immunobiology</i> , 2016, 221, 23-30.	1.9	18
28	Transcriptome analysis provides insights into the regulatory function of alternative splicing in antiviral immunity in grass carp (<i>Ctenopharyngodon idella</i>). <i>Scientific Reports</i> , 2015, 5, 12946.	3.3	73
29	SNP detection of TLR8 gene, association study with susceptibility/resistance to GCRV and regulation on mRNA expression in grass carp, <i>Ctenopharyngodon idella</i> . <i>Fish and Shellfish Immunology</i> , 2015, 43, 1-12.	3.6	18
30	Identification and expression of the laboratory of genetics and physiology 2 gene in common carp <i>Cyprinus carpio</i> . <i>Journal of Fish Biology</i> , 2015, 86, 74-91.	1.6	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. <i>Developmental and Comparative Immunology</i> , 2015, 48, 102-115.	2.3	15
32	CpA/CpG methylation of CiMDA5 possesses tight association with the resistance against GCRV and negatively regulates mRNA expression in grass carp, <i>Ctenopharyngodon idella</i> . <i>Developmental and Comparative Immunology</i> , 2015, 48, 86-94.	2.3	18
33	CpG methylation in the 5' 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, <i>Ctenopharyngodon idella</i> . <i>Fish and Shellfish Immunology</i> , 2014, 40, 154-163.	3.6	13
34	Correlation between grass carp (<i>Ctenopharyngodon idella</i>) resistance to grass carp reovirus and the genetic insert-deletion polymorphisms in promoter and intron of RIG-I gene. <i>Gene</i> , 2013, 516, 320-327.	2.2	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 (<i>Ctenopharyngodon idella</i>). <i>Developmental and Comparative Immunology</i> , 2013, 39, 333-342.	2.3	14
36	Genetic structure, polymorphism identification of LGP2 gene and their relationship with the resistance/susceptibility to GCRV in grass carp, <i>Ctenopharyngodon idella</i> . <i>Gene</i> , 2013, 521, 166-175.	2.2	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. <i>Developmental and Comparative Immunology</i> , 2013, 41, 82-93.	2.3	30
38	Gene-based polymorphisms, genomic organization of interferon- β promoter stimulator 1 (IPS-1) gene and association study with the natural resistance to grass carp reovirus in grass carp <i>Ctenopharyngodon idella</i> . <i>Developmental and Comparative Immunology</i> , 2013, 41, 756-765.	2.3	13
39	A 15 nucleotide deletion mutation in coding region of the RIG-I lowers grass carp (<i>Ctenopharyngodon</i>) Tj ETQq1 1 0.784314 ggBT /Over	3.6	
40	Genomic organization, promoter activity of grass carp MDA5 and the association of its polymorphisms with susceptibility/resistance to grass carp reovirus. <i>Molecular Immunology</i> , 2012, 50, 236-243.	2.2	27
41	Functional Characterizations of RIG-I to GCRV and Viral/Bacterial PAMPs in Grass Carp <i>Ctenopharyngodon idella</i> . <i>PLoS ONE</i> , 2012, 7, e42182.	2.5	38