

Pengfei Li

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

785
citations

430442

18
h-index

525886

27
g-index

40
all docs

40
docs citations

40
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiviral role of grouper STING against iridovirus infection. <i>Fish and Shellfish Immunology</i> , 2015, 47, 157-167.	1.6	53
2	Generation and characterization of novel DNA aptamers against coat protein of grouper nervous necrosis virus (GNNV) with antiviral activities and delivery potential in grouper cells. <i>Antiviral Research</i> , 2016, 129, 104-114.	1.9	50
3	Antiviral activities of <i>Lonicera japonica</i> Thunb. Components against grouper iridovirus in vitro and in vivo. <i>Aquaculture</i> , 2020, 519, 734882.	1.7	47
4	Isolation and characterization of tumor necrosis factor receptor-associated factor 6 (TRAF6) from grouper, <i>Epinephelus tauvina</i> . <i>Fish and Shellfish Immunology</i> , 2014, 39, 61-68.	1.6	43
5	Isolation and characterization of a new class of DNA aptamers specific binding to Singapore grouper iridovirus (SGIV) with antiviral activities. <i>Virus Research</i> , 2014, 188, 146-154.	1.1	42
6	Selection and characterization of novel DNA aptamers specifically recognized by Singapore grouper iridovirus-infected fish cells. <i>Journal of General Virology</i> , 2015, 96, 3348-3359.	1.3	42
7	Molecular cloning and characterization of a new G-type lysozyme gene (Ec-lysG) in orange-spotted grouper, <i>Epinephelus coioides</i> . <i>Developmental and Comparative Immunology</i> , 2014, 46, 401-412.	1.0	33
8	Establishment and characterization of a novel cell line from the brain of golden pompano (<i>Trachinotus ovatus</i>). <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 410-418.	0.7	31
9	Isolation and Characterization of a Ranavirus Associated with Disease Outbreaks in Cultured Hybrid Grouper (Tiger Grouper <i>Epinephelus fuscoguttatus</i> —Giant Grouper <i>E. lanceolatus</i>) in Guangxi, China. <i>Journal of Aquatic Animal Health</i> , 2019, 31, 364-370.		31
10	Selection and characterization of ssDNA aptamers specifically recognizing pathogenic <i>Vibrio alginolyticus</i> . <i>Journal of Fish Diseases</i> , 2019, 42, 851-858.	0.9	31
11	Antiviral activity of <i>Illicium verum</i> Hook. f. extracts against grouper iridovirus infection. <i>Journal of Fish Diseases</i> , 2020, 43, 531-540.	0.9	31
12	The inhibitory activities and antiviral mechanism of <i>Viola philippica</i> aqueous extracts against grouper iridovirus infection in vitro and in vivo. <i>Journal of Fish Diseases</i> , 2019, 42, 859-868.	0.9	29
13	Establishment and characterization of a mid-kidney cell line derived from golden pompano <i>Trachinotus ovatus</i> , a new cell model for virus pathogenesis and toxicology studies. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 320-327.	0.7	24
14	Probing and characterizing the high specific sequences of ssDNA aptamer against SGIV-infected cells. <i>Virus Research</i> , 2018, 246, 46-54.	1.1	24
15	Characterization of ssDNA aptamers specifically directed against <i>Trachinotus ovatus</i> NNV (GTONNV)-infected cells with antiviral activities. <i>Journal of General Virology</i> , 2019, 100, 380-391.	1.3	22
16	Identification of Major Capsid Protein as a Potential Biomarker of Grouper Iridovirus-Infected Cells Using Aptamers Selected by SELEX. <i>Frontiers in Microbiology</i> , 2019, 10, 2684.	1.5	19
17	Medicinal herbs and phytochemicals to combat pathogens in aquaculture. <i>Aquaculture International</i> , 2022, 30, 1239-1259.	1.1	19
18	The Inhibitory Activities and Antiviral Mechanism of Medicinal Plant Ingredient Quercetin Against Grouper Iridovirus Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 586331.	1.5	18

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19	Characterization of Novel Aptamers Specifically Directed to Red-Spotted Grouper Nervous Necrosis Virus (RGNNV)-Infected Cells for Mediating Targeted siRNA Delivery. <i>Frontiers in Microbiology</i> , 2020, 11, 660.	1.5	18
20	Isolation of Nervous Necrosis Virus from Hybrid Grouper (<i>Epinephelus</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (fuscogutta Pathology, 2019, 54, 16-19.	0.4	18
21	Antiviral abilities of <i>Curcuma kwangsiensis</i> ingredients against grouper iridoviral infection in vitro and in vivo. <i>Aquaculture Research</i> , 2020, 51, 351-361.	0.9	17
22	A tumour necrosis factor receptor-like protein encoded by Singapore grouper iridovirus modulates cell proliferation, apoptosis and viral replication. <i>Journal of General Virology</i> , 2016, 97, 756-766.	1.3	17
23	Research progress and prospects for the use of aptamers in aquaculture biosecurity. <i>Aquaculture</i> , 2021, 534, 736257.	1.7	15
24	Characterization of DNA aptamers generated against the soft-shelled turtle iridovirus with antiviral effects. <i>BMC Veterinary Research</i> , 2015, 11, 245.	0.7	14
25	Specific Aptamer-Based Probe for Analyzing Biomarker MCP Entry Into Singapore Grouper Iridovirus-Infected Host Cells via Clathrin-Mediated Endocytosis. <i>Frontiers in Microbiology</i> , 2020, 11, 1206.	1.5	14
26	Review of Medicinal Plants and Active Pharmaceutical Ingredients against Aquatic Pathogenic Viruses. <i>Viruses</i> , 2022, 14, 1281.	1.5	12
27	Singapore grouper iridovirus (SGIV) encoded SGIV-miR-13 attenuates viral infection via modulating major capsid protein expression. <i>Virus Research</i> , 2015, 205, 45-53.	1.1	9
28	Development of novel aptamerâ€based enzymeâ€linked aptaâ€sorbent assay (ELASA) for rapid detection of mariculture pathogen <i>Vibrio alginolyticus</i>. <i>Journal of Fish Diseases</i> , 2019, 42, 1523-1529.	0.9	9
29	Research on the indirect antiviral function of medicinal plant ingredient quercetin against grouper iridovirus infection. <i>Fish and Shellfish Immunology</i> , 2022, 124, 372-379.	1.6	9
30	Selection and Characterization of ssDNA Aptamers Targeting Largemouth Bass Virus Infected Cells With Antiviral Activities. <i>Frontiers in Microbiology</i> , 2021, 12, 785318.	1.5	8
31	Antiviral activities of <i>Glycyrrhiza uralensis</i> components against Singapore grouper iridovirus. <i>Journal of the World Aquaculture Society</i> , 2022, 53, 894-909.	1.2	8
32	Aptamerâ€based highâ€throughput screening model for medicinal plant drugs against SGIV. <i>Journal of Fish Diseases</i> , 2020, 43, 1479-1482.	0.9	7
33	TTRAP is a critical factor in grouper immune response to virus infection. <i>Fish and Shellfish Immunology</i> , 2015, 46, 274-284.	1.6	5
34	Complete mitochondrial genome sequence of the pelagic chaetognath, <i>sagitta ferox</i>. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 4699-4700.	0.7	3
35	Generation and characterization of aptamers against grass carp reovirus infection for the development of rapid detection assay. <i>Journal of Fish Diseases</i> , 2021, 44, 33-44.	0.9	3
36	Antiviral effect and mechanism of metformin against grouper iridovirus infection. <i>Journal of the World Aquaculture Society</i> , 0, , .	1.2	3

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37	The mitochondrial genome of the pelagic chaetognath, <i>Pterosagitta draco</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 515-516.	0.2	2
38	Aptamer-mediated targeted siRNA delivery against grouper iridovirus infection. <i>Aquaculture</i> , 2021, 544, 737148.	1.7	2
39	Aptamer-Based High-Throughput Screening Model for Efficient Selection and Evaluation of Natural Ingredients against SGIV Infection. <i>Viruses</i> , 2022, 14, 1242.	1.5	2
40	Generating aptamers for specific recognition against soft-shelled turtle iridovirus infection. <i>Aquaculture</i> , 2021, 535, 736348.	1.7	1