

Shih-chu Chen

List of Publications by Year in descending order

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97
papers

2,204
citations

218592

26
h-index

302012

39
g-index

101
all docs

101
docs citations

101
times ranked

1594
citing authors

#	ARTICLE	IF	CITATIONS
1	First report on genetic characterization, cell surface properties and pathogenicity of <i>Lactococcus garvieae</i> , emerging pathogen isolated from cage-cultured cobia (<i>Rachycentron canadum</i>). <i>Transboundary and Emerging Diseases</i> , 2022, 69, 1197-1211.	1.3	8
2	First report of acanthocephalan parasite, <i>Longicollum pagrosomi</i> Yamaguti, 1935 in cultured red snapper (<i>Lutjanus erythropterus</i>) in Taiwan. <i>Journal of Fish Diseases</i> , 2022, 45, 579-593.	0.9	6
3	Genotyping and phenotyping of <i>Lactococcus garvieae</i> isolates from fish by pulse-field gel electrophoresis (PFGE) and electron microscopy indicate geographical and capsular variations. <i>Journal of Fish Diseases</i> , 2022, , .	0.9	4
4	Comparative genomics of <i>Nocardia seriolae</i> reveals recent importation and subsequent widespread dissemination in mariculture farms in the South Central Coast region, Vietnam. <i>Microbial Genomics</i> , 2022, 8, .	1.0	1
5	Phenotype, genotype and pathogenicity of <i>Streptococcus agalactiae</i> isolated from cultured tilapia (<i>Oreochromis niloticus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 10	0.9	7
6	Isolation and characterization of <i>Nocardia seriolae</i> , a causative agent of systematic granuloma in cultured East Asian four finger threadfin, <i>Eleutheronema rhadinum</i> , and red snapper, <i>Lutjanus erythropterus</i> . <i>Aquaculture Research</i> , 2021, 52, 763-770.	0.9	11
7	Transcriptome analysis of immune- and iron-related genes after <i>Francisella noatunensis</i> subsp. <i>orientalis</i> infection in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Fish and Shellfish Immunology</i> , 2021, 111, 36-48.	1.6	13
8	Recombinant resuscitation-promoting factor protein of <i>Nocardia seriolae</i> , a promising vaccine candidate for largemouth bass (<i>Micropterus salmoides</i>). <i>Fish and Shellfish Immunology</i> , 2021, 111, 127-139.	1.6	17
9	Protective efficacy of four heat-shock proteins as recombinant vaccines against photobacteriosis in Asian seabass (<i>Lates calcarifer</i>). <i>Fish and Shellfish Immunology</i> , 2021, 111, 179-188.	1.6	9
10	Genotype and virulence gene analyses of <i>Bacillus cereus</i> group clinical isolates from the Chinese softshell turtle (<i>Pelodiscus sinensis</i>) in Taiwan. <i>Journal of Fish Diseases</i> , 2021, 44, 1515-1529.	0.9	12
11	Pathological Manifestations of <i>Francisella orientalis</i> in the Green Texas Cichlid (<i>Herichthys</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 10	1.0	4
12	<i>Aeromonas</i> species obtained from different farmed aquatic species in India and Taiwan show high phenotypic relatedness despite species diversity. <i>BMC Research Notes</i> , 2021, 14, 313.	0.6	3
13	The moonlighting protein fructose 1,6-bisphosphate aldolase as a potential vaccine candidate against <i>Photobacterium damsela</i> subsp. <i>piscicida</i> in Asian sea bass (<i>Lates calcarifer</i>). <i>Developmental and Comparative Immunology</i> , 2021, 124, 104187.	1.0	1
14	Î±-Enolase as a novel vaccine candidate against <i>Streptococcus dysgalactiae</i> infection in cobia (<i>Rachycentron canadum</i> L.). <i>Fish and Shellfish Immunology</i> , 2020, 98, 899-907.	1.6	6
15	Group C <i>Streptococcus dysgalactiae</i> infection in fish. <i>Journal of Fish Diseases</i> , 2020, 43, 963-970.	0.9	7
16	Comparison of the pathogenicity of <i>Francisella orientalis</i> in Nile tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 10 1097-1106.	0.9	7
17	Efficacy of a formalin-inactivated <i>Lactococcus garvieae</i> vaccine in farmed grey mullet (<i>Mugil</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 10	0.9	11
18	Genotypic diversity, and molecular and pathogenic characterization of <i>Photobacterium damsela</i> subsp. <i>piscicida</i> isolated from different fish species in Taiwan. <i>Journal of Fish Diseases</i> , 2020, 43, 757-774.	0.9	20

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19	Interleukin 34 Serves as a Novel Molecular Adjuvant against <i>Nocardia seriolae</i> Infection in Largemouth Bass (<i>Micropterus Salmoides</i>). <i>Vaccines</i> , 2020, 8, 151.	2.1	13
20	Analysis of Streptococcal Infection and Correlation with Climatic Factors in Cultured Tilapia <i>Oreochromis spp.</i> in Taiwan. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4018.	1.3	11
21	The protective efficacy of recombinant hypoxic response protein 1 of <i>Nocardia seriolae</i> in largemouth bass (<i>Micropterus salmoides</i>). <i>Vaccine</i> , 2020, 38, 2925-2936.	1.7	14
22	Immune Responses and Protective Efficacy of a Formalin-Killed <i>Francisella Noatunensis</i> Subsp. <i>Orientalis</i> Vaccine Evaluated through Intraperitoneal and Immersion Challenge Methods in <i>Oreochromis Niloticus</i> . <i>Vaccines</i> , 2020, 8, 163.	2.1	22
23	Differential expression of immune-related genes in head kidney and spleen of cobia (<i>Rachycentron</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 842-850.	1.6	17
24	Establishment of loop-mediated isothermal amplification for rapid and convenient detection of <i>Mycobacterium marinum</i> complex. <i>Journal of Microbiological Methods</i> , 2019, 164, 105671.	0.7	7
25	Molecular cloning of IL-6, IL-10, IL-11, IFN- γ and modulation of pro- and anti-inflammatory cytokines in cobia (<i>Rachycentron canadum</i>) after <i>Photobacterium damsela</i> subsp. <i>piscicida</i> infection. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 230, 10-18.	0.7	23
26	Genotypic and phenotypic characterization of <i>Edwardsiella</i> isolates from different fish species and geographical areas in Asia: Implications for vaccine development. <i>Journal of Fish Diseases</i> , 2019, 42, 835-850.	0.9	11
27	Molecular characterization and pathogenicity of <i>Francisella noatunensis</i> subsp. <i>orientalis</i> isolated from cultured tilapia (<i>Oreochromis sp.</i>) in Taiwan. <i>Journal of Fish Diseases</i> , 2019, 42, 643-655.	0.9	14
28	Comparative Study of Immune Reaction Against Bacterial Infection From Transcriptome Analysis. <i>Frontiers in Immunology</i> , 2019, 10, 153.	2.2	40
29	Efficacy of recombinant protein vaccines for protection against <i>Nocardia seriolae</i> infection in the largemouth bass <i>Micropterus salmoides</i> . <i>Fish and Shellfish Immunology</i> , 2018, 78, 35-41.	1.6	29
30	Current knowledge of nocardiosis in teleost fish. <i>Journal of Fish Diseases</i> , 2018, 41, 413-419.	0.9	53
31	An integrated microfluidic loop-mediated isothermal amplification platform for koi herpesvirus detection. <i>Chemical Engineering Journal</i> , 2018, 334, 1828-1834.	6.6	20
32	Effectiveness of a divalent <i>Streptococcus dysgalactiae</i> inactivated vaccine in cobia (<i>Rachycentron</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.7	15
33	Immune-Related Functional Differential Gene Expression in Koi Carp (<i>Cyprinus carpio</i>) after Challenge with <i>Aeromonas sobria</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2107.	1.8	19
34	Identification of protective protein antigens for vaccination against <i>Streptococcus dysgalactiae</i> in cobia (<i>Rachycentron canadum</i>). <i>Fish and Shellfish Immunology</i> , 2018, 80, 88-96.	1.6	12
35	Enhanced immune responses and effectiveness of refined outer membrane protein vaccines against <i>Vibrio harveyi</i> in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Journal of Fish Diseases</i> , 2018, 41, 1349-1358.	0.9	20
36	A formalin-inactivated vaccine provides good protection against <i>Vibrio harveyi</i> infection in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Fish and Shellfish Immunology</i> , 2017, 65, 118-126.	1.6	50

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37	Genetic diversity, virulence genes, and antimicrobial resistance of <i>Streptococcus dysgalactiae</i> isolates from different aquatic animal sources. <i>Aquaculture</i> , 2017, 479, 256-264.	1.7	20
38	Identification and expression analysis of two pro-inflammatory cytokines, TNF- α and IL-8, in cobia (<i>Oreochromis niloticus</i>) after challenge with <i>Streptococcus dysgalactiae</i> . <i>Immunology</i> , 2017, 67, 159-171.	1.6	33
39	Transcriptome analysis of immune response against <i>Vibrio harveyi</i> infection in orange-spotted grouper (<i>Epinephelus coioides</i>). <i>Fish and Shellfish Immunology</i> , 2017, 70, 628-637.	1.6	41
40	Effectiveness of formalin-killed vaccines containing CpG oligodeoxynucleotide 1668 adjuvants against <i>Vibrio harveyi</i> in orange-spotted grouper. <i>Fish and Shellfish Immunology</i> , 2017, 68, 124-131.	1.6	23
41	De Novo Transcriptome Analysis of Differential Functional Gene Expression in Largemouth Bass (<i>Micropterus salmoides</i>) after Challenge with <i>Nocardia seriolae</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 1315.	1.8	56
42	Identification, Molecular Cloning of IL-1 β and Its Expression Profile during <i>Nocardia seriolae</i> Infection in Largemouth Bass, <i>Micropterus salmoides</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 1670.	1.8	31
43	Isolation and genetic characterization of <i>Nocardia seriolae</i> from snubnose pompano <i>Trachinotus blochii</i> in Vietnam. <i>Diseases of Aquatic Organisms</i> , 2016, 120, 173-177.	0.5	34
44	Transcriptome analysis of grey mullet (<i>Mugil cephalus</i>) after challenge with <i>Lactococcus garvieae</i> . <i>Fish and Shellfish Immunology</i> , 2016, 58, 593-603.	1.6	33
45	Genetic characteristics of <i>Streptococcus dysgalactiae</i> isolated from cage cultured cobia, <i>Oreochromis niloticus</i> (<i>Oreochromis niloticus</i>). <i>Journal of Fish Diseases</i> , 2015, 38, 1037-1046.	0.9	17
46	Genetic diversity of geographically distinct <i>Streptococcus dysgalactiae</i> isolates from fish. <i>Journal of Advanced Research</i> , 2015, 6, 233-238.	4.4	16
47	Expression, genetic localization and phylogenetic analysis of NAP1r in piscine <i>Streptococcus dysgalactiae</i> subspecies <i>dysgalactiae</i> isolates and their patterns of adherence. <i>Journal of Advanced Research</i> , 2015, 6, 747-755.	4.4	15
48	Vaccine efficacy of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) from <i>Edwardsiella ictaluri</i> against <i>E. tarda</i> in tilapia. <i>Journal of General and Applied Microbiology</i> , 2014, 60, 241-250.	0.4	20
49	Development of a selective and differential medium for capsulated <i>Lactococcus garvieae</i> . <i>Journal of Fish Diseases</i> , 2014, 37, 719-728.	0.9	7
50	Efficacy of a formalin-inactivated vaccine against <i>Streptococcus iniae</i> infection in the farmed grouper <i>Epinephelus coioides</i> by intraperitoneal immunization. <i>Vaccine</i> , 2014, 32, 7014-7020.	1.7	47
51	Phosphoglycerate kinase enhanced immunity of the whole cell of <i>Streptococcus agalactiae</i> in tilapia, <i>Oreochromis niloticus</i> . <i>Fish and Shellfish Immunology</i> , 2014, 41, 250-259.	1.6	50
52	Rapid isolation and detection of aquaculture pathogens in an integrated microfluidic system using loop-mediated isothermal amplification. <i>Sensors and Actuators B: Chemical</i> , 2013, 180, 96-106.	4.0	52
53	Development of a sensitive and specific LAMP PCR assay for detection of fish pathogen <i>Lactococcus garvieae</i> . <i>Diseases of Aquatic Organisms</i> , 2013, 102, 225-235.	0.5	17
54	White spot syndrome virus epizootic in cultured Pacific white shrimp <i>Litopenaeus vannamei</i> (Boone) in Taiwan. <i>Journal of Fish Diseases</i> , 2013, 36, 977-985.	0.9	6

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55	Immunoprotection of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) from <i>Lactococcus garvieae</i> against Lactococcosis in tilapia. <i>Journal of General and Applied Microbiology</i> , 2013, 59, 437-449.	0.4	23
56	Development of a multiplex polymerase chain reaction to detect five common Gram-negative bacteria of aquatic animals. <i>Journal of Fish Diseases</i> , 2012, 35, 489-495.	0.9	11
57	Expression of the serum opacity factor gene and the variation in its upstream region in <i>Streptococcus dysgalactiae</i> isolates from fish. <i>Journal of General and Applied Microbiology</i> , 2012, 58, 457-463.	0.4	4
58	Comparison of genetic characteristics and pathogenicity of <i>Lactococcus garvieae</i> isolated from aquatic animals in Taiwan. <i>Diseases of Aquatic Organisms</i> , 2012, 102, 43-51.	0.5	26
59	Integrated microfluidic loop-mediated-isothermal-amplification systems for rapid isolation and detection of aquaculture pathogens. , 2011, , .		2
60	Koi herpesvirus epizootic in cultured carp and koi, <i>Cyprinus carpio</i> L., in Taiwan. <i>Journal of Fish Diseases</i> , 2011, 34, 547-554.	0.9	24
61	Epidemiology and phylogenetic analysis of Taura syndrome virus in cultured Pacific white shrimp <i>Litopenaeus vannamei</i> B. in Taiwan. <i>Diseases of Aquatic Organisms</i> , 2011, 97, 17-23.	0.5	6
62	Immune response of largemouth bass, <i>Micropterus salmoides</i> , to whole cells of different <i>Nocardia seriolae</i> strains. <i>Fisheries Science</i> , 2010, 76, 489-494.	0.7	22
63	Phenotypic and genetic characterizations of <i>Streptococcus dysgalactiae</i> strains isolated from fish collected in Japan and other Asian countries. <i>FEMS Microbiology Letters</i> , 2010, 302, 32-38.	0.7	28
64	Dissemination of streptococcal pyrogenic exotoxin G (speG) with an IS-like element in fish isolates of <i>Streptococcus dysgalactiae</i> . <i>FEMS Microbiology Letters</i> , 2010, 309, no-no.	0.7	21
65	<i>Nocardia seriolae</i> infection in the three striped tigerfish, <i>Terapon jarbua</i> (Forsskål). <i>Journal of Fish Diseases</i> , 2009, 32, 301-310.	0.9	48
66	Application of Congo Red agar for detection of <i>Streptococcus dysgalactiae</i> isolated from diseased fish. <i>Journal of Applied Ichthyology</i> , 2009, 25, 442-446.	0.3	15
67	Combined immersion and oral vaccination of Vietnamese catfish (<i>Pangasianodon hypophthalmus</i>) confers protection against mortality caused by <i>Edwardsiella ictaluri</i> . <i>Fish and Shellfish Immunology</i> , 2009, 27, 773-776.	1.6	28
68	Genotypic and phenotypic analysis of fish pathogen, <i>Nocardia seriolae</i> , isolated in Taiwan. <i>Aquaculture</i> , 2009, 294, 165-171.	1.7	37
69	Genetic and phenotypic comparison of <i>Nocardia seriolae</i> isolated from fish in Japan. <i>Journal of Fish Diseases</i> , 2008, 31, 481-488.	0.9	38
70	<i>Lactococcus lactis</i> subspecies <i>lactis</i> also causes white muscle disease in farmed giant freshwater prawns <i>Macrobrachium rosenbergii</i> . <i>Diseases of Aquatic Organisms</i> , 2008, 79, 9-17.	0.5	18
71	<i>Metschnikowia bicuspidata</i> dominates in Taiwanese cold-weather yeast infections of <i>Macrobrachium rosenbergii</i> . <i>Diseases of Aquatic Organisms</i> , 2007, 75, 191-199.	0.5	24
72	<i>Lactococcus garvieae</i> infections in humans: possible association with aquaculture outbreaks. <i>International Journal of Clinical Practice</i> , 2006, 61, 68-73.	0.8	120

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73	In situ hybridization and RT-PCR detection of <i>Macrobrachium rosenbergii</i> nodavirus in giant freshwater prawn, <i>Macrobrachium rosenbergii</i> (de Man), in Taiwan. <i>Journal of Fish Diseases</i> , 2006, 29, 665-671.	0.9	28
74	Upregulation of actin-like gene expression in giant freshwater prawns <i>Macrobrachium rosenbergii</i> infected with <i>Metschnikowia bicuspidata</i> . <i>Diseases of Aquatic Organisms</i> , 2005, 66, 175-180.	0.5	4
75	Systemic infection of <i>Kudoa lutjanus</i> n. sp. (Myxozoa: Myxosporea) in red snapper <i>Lutjanus erythropterus</i> from Taiwan. <i>Diseases of Aquatic Organisms</i> , 2005, 67, 115-124.	0.5	34
76	Mouse keratinocytes express c98, a novel gene homologous to bcl-2, that is stimulated by insulin-like growth factor 1 and prevents dexamethasone-induced apoptosis. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2004, 1676, 127-137.	2.4	13
77	A Novel Gene Homologous to Teashirt is Differentially Expressed in Neonatal Mouse Skin During Development of Hair Follicles. <i>Molecular Biotechnology</i> , 2004, 28, 09-20.	1.3	0
78	<i>Metschnikowia bicuspidata</i> and <i>Enterococcus faecium</i> co-infection in the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Diseases of Aquatic Organisms</i> , 2003, 55, 161-167.	0.5	29
79	<i>Lactococcus garvieae</i> , a cause of disease in grey mullet, <i>Mugil cephalus</i> L., in Taiwan. <i>Journal of Fish Diseases</i> , 2002, 25, 727-732.	0.9	57
80	Sequencing of 16S and 23S rRNA internal transcribed spacer and its application in the identification of <i>Nocardia seriolae</i> by polymerase chain reaction. <i>Aquaculture Research</i> , 2002, 33, 1195-1197.	0.9	14
81	<i>Lactococcus garvieae</i> infection in the giant freshwater prawn <i>Macrobrachium rosenbergii</i> confirmed by polymerase chain reaction and 16S rDNA sequencing. <i>Diseases of Aquatic Organisms</i> , 2001, 45, 45-52.	0.5	109
82	The production of a lymphokine (macrophage activating factor) by rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum), leucocytes stimulated with the extracellular products of <i>Mycobacterium</i> sp.. <i>Journal of Fish Diseases</i> , 2001, 24, 217-223.	0.9	3
83	Mass mortality associated with a <i>Sphaerospora</i> -like myxosporidean infestation in juvenile cobia, <i>Rachycentron canadum</i> (L.), marine cage cultured in Taiwan. <i>Journal of Fish Diseases</i> , 2001, 24, 189-195.	0.9	20
84	Nocardiosis in sea bass, <i>Lateolabrax japonicus</i> , in Taiwan. <i>Journal of Fish Diseases</i> , 2000, 23, 299-307.	0.9	67
85	A <i>Piscirickettsia salmonis</i> -like organism in grouper, <i>Epinephelus melanostigma</i> , in Taiwan. <i>Journal of Fish Diseases</i> , 2000, 23, 415-418.	0.9	50
86	The immune response of rainbow trout (<i>Oncorhynchus mykiss</i>) against <i>Aphanomyces invadans</i> . <i>Fish and Shellfish Immunology</i> , 1999, 9, 195-210.	1.6	22
87	Electron microscope studies of the in vitro phagocytosis of <i>Mycobacterium</i> spp. by rainbow trout <i>Oncorhynchus mykiss</i> head kidney macrophages. <i>Diseases of Aquatic Organisms</i> , 1998, 32, 99-110.	0.5	17
88	Development of Monoclonal Antibodies to the Extracellular Products of <i>Mycobacterium</i> spp. Isolated from Chevron Snakehead and the Reference Strain <i>Mycobacterium chelonae</i> . <i>Journal of Aquatic Animal Health</i> , 1997, 9, 86-98.	0.6	1
89	Extracellular products from <i>Mycobacterium</i> spp. in fish. <i>Journal of Fish Diseases</i> , 1997, 20, 19-25.	0.9	16
90	Development of Monoclonal Antibodies to <i>Mycobacterium</i> spp. Isolated from Chevron Snakeheads and Siamese Fightingfish. <i>Journal of Aquatic Animal Health</i> , 1996, 8, 208-215.	0.6	20

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91	Association of the Cell Capsule with Anti-opsonophagocytosis in \hat{I}^2 -Hemolytic <i>Streptococcus</i> spp. Isolated from Rainbow Trout. <i>Journal of Aquatic Animal Health</i> , 1996, 8, 223-228.	0.6	7
92	Immune Response of Rainbow Trout to Extracellular Products of <i>Mycobacterium</i> spp.. <i>Journal of Aquatic Animal Health</i> , 1996, 8, 216-222.	0.6	34
93	Systematic granulomas caused by a rickettsia-like organism in Nile tilapia, <i>Oreochromis niloticus</i> (L.), from southern Taiwan. <i>Journal of Fish Diseases</i> , 1994, 17, 591-599.	0.9	58
94	In vitro activity of antimicrobial agents against <i>Nocardia asteroides</i> . <i>Journal of Fish Diseases</i> , 1993, 16, 269-272.	0.9	7
95	The Study on the Pathogenicity of <i>Nocardia asteroides</i> to Largemouth Bass <i>Micropterus salmoides</i> Lacepede.. <i>Fish Pathology</i> , 1992, 27, 1-5.	0.4	8
96	In vitro susceptibility of <i>Nocardia asteroides</i> to several commonly used disinfectants. <i>Journal of Fish Diseases</i> , 1992, 15, 345-348.	0.9	8
97	Study on the pathogenicity of <i>Nocardia asteroides</i> to the Formosa snakehead, <i>Channa maculata</i> (Lacepede), and largemouth bass, <i>Micropterus salmoides</i> (Lacepede). <i>Journal of Fish Diseases</i> , 1992, 15, 47-53.	0.9	24