

Chompunut Lumsangkul

List of Publications by Year in descending order

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70
papers

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1461
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#	ARTICLE	IF	CITATIONS
1	Host-Associated Probiotics: A Key Factor in Sustainable Aquaculture. <i>Reviews in Fisheries Science and Aquaculture</i> , 2020, 28, 16-42.	5.1	178
2	Host-associated probiotics boosted mucosal and serum immunity, disease resistance and growth performance of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture</i> , 2018, 491, 94-100.	1.7	137
3	Effects of Assam tea extract on growth, skin mucus, serum immunity and disease resistance of Nile tilapia (<i>Oreochromis niloticus</i>) against <i>Streptococcus agalactiae</i> . <i>Fish and Shellfish Immunology</i> , 2019, 93, 428-435.	1.6	114
4	Antiparasitic and Antibacterial Functionality of Essential Oils: An Alternative Approach for Sustainable Aquaculture. <i>Pathogens</i> , 2021, 10, 185.	1.2	110
5	Effects of <i>Cordyceps militaris</i> spent mushroom substrate and <i>Lactobacillus plantarum</i> on mucosal, serum immunology and growth performance of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Fish and Shellfish Immunology</i> , 2017, 70, 87-94.	1.6	109
6	Humoral and skin mucosal immune parameters, intestinal immune related genes expression and antioxidant defense in rainbow trout (<i>Oncorhynchus mykiss</i>) fed olive (<i>Olea europea</i> L.) waste. <i>Fish and Shellfish Immunology</i> , 2020, 100, 171-178.	1.6	81
7	Effects of corncob derived xylooligosaccharide on innate immune response, disease resistance, and growth performance in Nile tilapia (<i>Oreochromis niloticus</i>) fingerlings. <i>Aquaculture</i> , 2018, 495, 786-793.	1.7	76
8	Replacement of Fish Meal by Black Soldier Fly (<i>Hermetia illucens</i>) Larvae Meal: Effects on Growth, Haematology, and Skin Mucus Immunity of Nile Tilapia, <i>Oreochromis niloticus</i> . <i>Animals</i> , 2021, 11, 193.	1.0	75
9	Combined administration of low molecular weight sodium alginate boosted immunomodulatory, disease resistance and growth enhancing effects of <i>Lactobacillus plantarum</i> in Nile tilapia (<i>Oreochromis niloticus</i>) fingerlings. <i>Aquaculture</i> , 2020, 517, 734709.	1.0	68
10	The Gene Regulatory Roles of Herbal Extracts on the Growth, Immune System, and Reproduction of Fish. <i>Animals</i> , 2021, 11, 2167.	1.0	68
11	Dietary supplementation of lemon verbena (<i>Aloysia citrodora</i>) improved immunity, immune-related genes expression and antioxidant enzymes in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish and Shellfish Immunology</i> , 2020, 99, 379-385.	1.6	62
12	Enrichment of common carp (<i>Cyprinus carpio</i>) fingerlings diet with <i>Psidium guajava</i> : The effects on cutaneous mucosal and serum immune parameters and immune related genes expression. <i>Fish and Shellfish Immunology</i> , 2019, 86, 688-694.	1.6	58
13	The influences of ferulic acid on the growth performance, haemato-immunological responses, and immune-related genes of Nile tilapia (<i>Oreochromis niloticus</i>) exposed to heat stress. <i>Aquaculture</i> , 2020, 525, 735320.	1.7	58
14	Dietary supplementation of polyphenols positively affects the innate immune response, oxidative status, and growth performance of common carp, <i>Cyprinus carpio</i> L.. <i>Aquaculture</i> , 2020, 517, 734709.	1.7	56
15	Dietary inclusion of Orange peels derived pectin and <i>Lactobacillus plantarum</i> for Nile tilapia (<i>Oreochromis niloticus</i>) cultured under indoor biofloc systems. <i>Aquaculture</i> , 2019, 508, 98-105.	1.7	52
16	The effects of Thai ginseng, <i>Boesenbergia rotunda</i> powder on mucosal and serum immunity, disease resistance, and growth performance of Nile tilapia (<i>Oreochromis niloticus</i>) fingerlings. <i>Aquaculture</i> , 2019, 513, 734388.	1.7	51
17	Lactic Acid Bacteria in Shellfish: Possibilities and Challenges. <i>Reviews in Fisheries Science and Aquaculture</i> , 2020, 28, 139-169.	5.1	46
18	Effects of low molecular weight sodium alginate on growth performance, immunity, and disease resistance of tilapia, <i>Oreochromis niloticus</i> . <i>Fish and Shellfish Immunology</i> , 2016, 55, 186-194.	1.6	45

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19	Effects of orange peels derived pectin on innate immune response, disease resistance and growth performance of Nile tilapia (<i>Oreochromis niloticus</i>) cultured under indoor biofloc system. <i>Fish and Shellfish Immunology</i> , 2018, 80, 56-62.	1.6	45
20	The effects of berberine powder supplementation on growth performance, skin mucus immune response, serum immunity, and disease resistance of Nile tilapia (<i>Oreochromis niloticus</i>) fingerlings. <i>Aquaculture</i> , 2020, 520, 734927.	1.7	45
21	The synergistic effects of plant polysaccharide and <i>Pediococcus acidilactici</i> as a synbiotic additive on growth, antioxidant status, immune response, and resistance of Nile tilapia (<i>Oreochromis niloticus</i>) against <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2022, 120, 304-313.	1.6	43
22	Comparative study of host-associated and commercial probiotic effects on serum and mucosal immune parameters, intestinal microbiota, digestive enzymes activity and growth performance of roach (<i>Rutilus rutilus caspicus</i>) fingerlings. <i>Fish and Shellfish Immunology</i> , 2020, 98, 661-669.	1.6	41
23	Dietary inclusion of chestnut (<i>Castanea sativa</i>) polyphenols to Nile tilapia reared in biofloc technology: Impacts on growth, immunity, and disease resistance against <i>Streptococcus agalactiae</i> . <i>Fish and Shellfish Immunology</i> , 2020, 105, 319-326.	1.6	41
24	Dried lemon peel enriched diet improves antioxidant activity, immune response and modulates immuno-antioxidant genes in <i>Labeo rohita</i> against <i>Aeromonas sorbia</i> . <i>Fish and Shellfish Immunology</i> , 2020, 106, 675-684.	1.6	41
25	Effects of <i>Cordyceps militaris</i> spent mushroom substrate on mucosal and serum immune parameters, disease resistance and growth performance of Nile tilapia, (<i>Oreochromis niloticus</i>). <i>Fish and Shellfish Immunology</i> , 2017, 67, 78-85.	1.6	40
26	Developmental Toxicity of Mycotoxin Fumonisin B1 in Animal Embryogenesis: An Overview. <i>Toxins</i> , 2019, 11, 114.	1.5	40
27	The potential benefits of orange peels derived pectin on serum and skin mucus immune parameters, antioxidant defence and growth performance in common carp (<i>Cyprinus carpio</i>). <i>Fish and Shellfish Immunology</i> , 2020, 103, 17-22.	1.6	39
28	Effects of dietary white-button mushroom powder on mucosal immunity, antioxidant defence, and growth of common carp (<i>Cyprinus carpio</i>). <i>Aquaculture</i> , 2019, 501, 448-454.	1.7	37
29	Effects of dietary polyphenols from agricultural by-products on mucosal and humoral immune and antioxidant responses of convict cichlid (<i>Amatitlania nigrofasciata</i>). <i>Aquaculture</i> , 2020, 517, 734790.	1.7	37
30	The effects gotu kola (<i>Centella asiatica</i>) powder on growth performance, skin mucus, and serum immunity of Nile tilapia (<i>Oreochromis niloticus</i>) fingerlings. <i>Aquaculture Reports</i> , 2020, 16, 100239.	0.7	34
31	The Effect of Stocking Density and Carbon Sources on the Oxidative Status, and Nonspecific Immunity of Nile tilapia (<i>Oreochromis niloticus</i>) Reared under Biofloc Conditions. <i>Animals</i> , 2021, 11, 184.	1.0	33
32	Impacts of pineapple peel powder on growth performance, innate immunity, disease resistance, and relative immune gene expression of Nile tilapia, <i>Oreochromis niloticus</i> . <i>Fish and Shellfish Immunology</i> , 2021, 114, 311-319.	1.6	29
33	Impact of grape pomace flour (GPF) on immunity and immune-antioxidant-anti-inflammatory genes expression in <i>Labeo rohita</i> against <i>Flavobacterium columnaris</i> . <i>Fish and Shellfish Immunology</i> , 2021, 111, 69-82.	1.6	26
34	Modulation of growth, innate immunity, and disease resistance of Nile tilapia (<i>Oreochromis niloticus</i>) culture under biofloc system by supplementing pineapple peel powder and <i>Lactobacillus plantarum</i> . <i>Fish and Shellfish Immunology</i> , 2021, 115, 212-220.	1.6	26
35	Fruit processing by-products in the aquafeed industry: A feasible strategy for aquaculture sustainability. <i>Reviews in Aquaculture</i> , 2022, 14, 1945-1965.	4.6	26
36	Effects of dietary fern (<i>Adiantum capillus-veneris</i>) leaves powder on serum and mucus antioxidant defence, immunological responses, antimicrobial activity and growth performance of common carp (<i>Cyprinus carpio</i>) juveniles. <i>Fish and Shellfish Immunology</i> , 2020, 106, 959-966.	1.6	25

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37	Effect of diet enriched with <i>Agaricus bisporus</i> polysaccharides (ABPs) on antioxidant property, innate-adaptive immune response and pro-anti inflammatory genes expression in <i>Ctenopharyngodon idella</i> against <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2021, 114, 238-252.	1.6	24
38	The effect of fishwort (<i>Houttuynia cordata</i>) on skin mucosal, serum immunities, and growth performance of Nile tilapia. <i>Fish and Shellfish Immunology</i> , 2020, 98, 193-200.	1.6	23
39	Effects of dietary monoterpene, myrcene, administration on immune- and health-related genes expression in common carp gill following exposure to copper sulfate. <i>Fish and Shellfish Immunology</i> , 2020, 98, 438-445.	1.6	23
40	Synthesis of copper nanoparticles from the aqueous extract of <i>Cynodon dactylon</i> and evaluation of its antimicrobial and photocatalytic properties. <i>Food and Chemical Toxicology</i> , 2022, 166, 113245.	1.8	22
41	Dietary apple peel-derived pectin improved growth performance, antioxidant enzymes and immune response in common carp, <i>Cyprinus carpio</i> (Linnaeus, 1758). <i>Aquaculture</i> , 2021, 535, 736311.	1.7	19
42	Administration of watermelon rind powder to Nile tilapia (<i>Oreochromis niloticus</i>) culture under biofloc system: Effect on growth performance, innate immune response, and disease resistance. <i>Aquaculture</i> , 2020, 528, 735574.	1.7	18
43	Effects of Dietary Supplementation of PrimaLac, Inulin, and Biomin Imbo on Growth Performance, Antioxidant, and Innate Immune Responses of Common Carp (<i>Cyprinus carpio</i>). <i>Aquaculture Nutrition</i> , 2022, 2022, 1-13.	1.1	18
44	Effects of dietary Russian olive, <i>Elaeagnus angustifolia</i> , leaf extract on growth, hematological, immunological, and antioxidant parameters in common carp, <i>Cyprinus carpio</i> . <i>Aquaculture</i> , 2021, 536, 736461.	1.7	17
45	Dietary inclusion of watermelon rind powder and <i>Lactobacillus plantarum</i> : Effects on Nile tilapia's growth, skin mucus and serum immunities, and disease resistance. <i>Fish and Shellfish Immunology</i> , 2021, 116, 107-114.	1.6	16
46	Effect of Dietary Sodium Acetate on Skin Mucus Immune Parameters and Expression of Gene Related to Growth, Immunity and Antioxidant System in Common Carp (<i>Cyprinus carpio</i>) Intestine. <i>Annals of Animal Science</i> , 2020, 20, 1441-1452.	0.6	16
47	Cornelian cherry (<i>Cornus mas</i> L.) fruit extract improves growth performance, disease resistance, and serum immune-and antioxidant-related gene expression of common carp (<i>Cyprinus carpio</i>). <i>Aquaculture</i> , 2022, 558, 738372.	1.7	16
48	Effects of coffee silverskin on growth performance, immune response, and disease resistance of Nile tilapia culture under biofloc system. <i>Aquaculture</i> , 2021, 543, 736995.	1.7	15
49	Dietary treatment of Nile tilapia (<i>Oreochromis niloticus</i>) with aquatic fern (<i>Azolla caroliniana</i>) improves growth performance, immunological response, and disease resistance against <i>Streptococcus agalactiae</i> cultured in bio-floc system. <i>Aquaculture Reports</i> , 2022, 24, 101114.	0.7	13
50	The Potential of Peroxidases Extracted from the Spent Mushroom (<i>Flammulina velutipes</i>) Substrate Significantly Degrade Mycotoxin Deoxynivalenol. <i>Toxins</i> , 2021, 13, 72.	1.5	12
51	Effect of Dietary Sugarcane Bagasse Supplementation on Growth Performance, Immune Response, and Immune and Antioxidant-Related Gene Expressions of Nile Tilapia (<i>Oreochromis niloticus</i>) Cultured under Biofloc System. <i>Animals</i> , 2021, 11, 2035.	1.0	11
52	Modulation of growth, skin mucus and serum immunities, and disease resistance of Nile tilapia fed host-associated probiotic (<i>Lactobacillus paracasei</i> l61â€27b). <i>Aquaculture Nutrition</i> , 2021, 27, 3-12.	1.1	10
53	Characterizing early embryonic development of Brown Tsaiya Ducks (<i>Anas platyrhynchos</i>) in comparison with Taiwan Country Chicken (<i>Gallus gallus domesticus</i>). <i>PLoS ONE</i> , 2018, 13, e0196973.	1.1	9
54	Mycotoxin Fumonisin B1 Interferes Sphingolipid Metabolisms and Neural Tube Closure during Early Embryogenesis in Brown Tsaiya Ducks. <i>Toxins</i> , 2021, 13, 743.	1.5	9

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55	Influences of spent coffee grounds on skin mucosal and serum immunities, disease resistance, and growth rate of Nile tilapia (<i>Oreochromis niloticus</i>) reared under biofloc system. <i>Fish and Shellfish Immunology</i> , 2022, 120, 67-74.	1.6	8
56	Impacts of Amla (<i>Phyllanthus emblica</i>) fruit extract on growth, skin mucosal and serum immunities, and disease resistance of Nile tilapia (<i>Oreochromis niloticus</i>) raised under biofloc system. <i>Aquaculture Reports</i> , 2022, 22, 100953.	0.7	8
57	Dietary inclusion of rambutan (<i>Nephelium lappaceum</i> L.) seed to Nile tilapia (<i>Oreochromis niloticus</i>) reared in biofloc system: Impacts on growth, immunity, and immune-antioxidant gene expression. <i>Fish and Shellfish Immunology</i> , 2022, 122, 215-224.	1.6	8
58	Industrial-Scale Production of Mycotoxin Binder from the Red Yeast <i>Sporidiobolus pararoseus</i> KM281507. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 353.	1.5	8
59	Effects of host-associated probiotic <i>Bacillus altitudinis</i> B61-34b on growth performance, immune response and disease resistance of Nile tilapia (<i>Oreochromis niloticus</i>) raised under biofloc system. <i>Aquaculture Nutrition</i> , 2021, 27, 61-72.	1.1	7
60	Bio-active components in medicinal plants: A mechanistic review of their effects on fish growth and physiological parameters – A Review. <i>Annals of Animal Science</i> , 2022, 22, 1127-1149.	0.6	7
61	Differential Effects of Green Tea Powders on the Protection of Brown Tsaiya and Kaiya Ducklings against Trichothecene T-2 Toxin Toxicity. <i>Animals</i> , 2021, 11, 2541.	1.0	6
62	In Vivo Follicular and Uterine Arterial Indices as an Indicator of Successful Hormonal Stimulation for Inactive Ovaries in Repeat-Breeder Crossbred Dairy Cows Using a Short-Term Progesterone-Based Programme. <i>Animals</i> , 2022, 12, 292.	1.0	6
63	Modulatory effects of longan seed powder on growth performance, immune response, and immune-antioxidant related gene expression in Nile tilapia (<i>Oreochromis niloticus</i>) raised under biofloc system. <i>Fish and Shellfish Immunology</i> , 2022, 123, 460-468.	1.6	6
64	Effects of Dietary Supplementation with Red Yeast (<i>Sporidiobolus pararoseus</i>) on Productive Performance, Egg Quality, and Duodenal Cell Proliferation of Laying Hens. <i>Animals</i> , 2022, 12, 238.	1.0	5
65	Effects of dietary rambutan (<i>Nephelium lappaceum</i> L.) peel powder on growth performance, immune response and immune-related gene expressions of striped catfish (<i>Pangasianodon hypophthalmus</i>) raised in biofloc system. <i>Fish and Shellfish Immunology</i> , 2022, 124, 134-141.	1.6	5
66	High-Efficiency Bovine Sperm Sexing Used Magnetic-Activated Cell Sorting by Coupling scFv Antibodies Specific to Y-Chromosome-Bearing Sperm on Magnetic Microbeads. <i>Biology</i> , 2022, 11, 715.	1.3	4
67	Effects of caffeic acid on the growth performance, growth genes, digestive enzyme activity, and serum immune parameters of beluga (<i>Huso huso</i>). <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 0, , .	0.9	2
68	Ovarian luteal category at the time of exogenous progesterone treatment alters pre-ovulatory follicle size and pregnancy outcome but not initial GnRH treatment in repeat-breeder crossbred dairy heifers submitted to the 7-day fixed-time AI protocol. <i>Veterinary and Animal Science</i> , 2022, 17, 100257.	0.6	2
69	Recovery of Orange Peel Essential Oil from "Sai-Namphaung"™ Tangerine Fruit Drop Biomass and Its Potential Use as Citrus Fruit Postharvest Diseases Control. <i>Agriculture (Switzerland)</i> , 2022, 12, 701.	1.4	1
70	The replacement of fresh egg yolk by lyophilized egg yolk in Tris-base extender in cryopreserved Boer and Saanen semen. <i>Reproduction in Domestic Animals</i> , 2022, , .	0.6	0