Mansour El-Matbouli

List of Publications by Year
in descending order

197 papers	5,229 citations	126858 33 h-index	128225 60 g-index
200 all docs	200 docs citations	200 times ranked	3731 citing authors

#	Article	IF	Citations
1	Recent Advances in Our Knowledge of the Myxozoa. Journal of Eukaryotic Microbiology, 2001, 48, 395-413.	0.8	524
2	The impact of co-infections on fish: a review. Veterinary Research, 2016, 47, 98.	1.1	188
3	Whirling disease: re-emergence among wild trout. Immunological Reviews, 1998, 166, 365-376.	2.8	173
4	Recent progress in applications of nanoparticles in fish medicine: A review. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 701-710.	1.7	150
5	Transcriptome Analysis Based on RNA-Seq in Understanding Pathogenic Mechanisms of Diseases and the Immune System of Fish: A Comprehensive Review. International Journal of Molecular Sciences, 2018, 19, 245.	1.8	143
6	Yersinia ruckeri, the causative agent of enteric redmouth disease in fish. Veterinary Research, 2015, 46, 103.	1.1	132
7	The nature and consequences of coâ€infections in tilapia: A review. Journal of Fish Diseases, 2020, 43, 651-664.	0.9	120
8	CD4: a vital player in the teleost fish immune system. Veterinary Research, 2019, 50, 1.	1.1	103
9	Present knowledge on the life cycle, taxonomy, pathology, and therapy of some Myxosporea spp. important for freshwater fish. Annual Review of Fish Diseases, 1992, 2, 367-402.	1.1	96
10	Benefits of Dietary Butyric Acid, Sodium Butyrate, and Their Protected Forms in Aquafeeds: A Review. Reviews in Fisheries Science and Aquaculture, 2020, 28, 421-448.	5.1	91
11	Transmission of Tetracapsuloides bryosalmonae (Myxozoa: Malacosporea) to Fredericella sultana (Bryozoa: Phylactolaemata) by various fish species. Diseases of Aquatic Organisms, 2008, 79, 133-139.	0.5	86
12	Prevalence and susceptibility of infection to Myxobolus cerebralis, and genetic differences among populations of Tubifex tubifex. Diseases of Aquatic Organisms, 2002, 51, 113-121.	0.5	84
13	Aquaculture in Egypt: Insights on the Current Trends and Future Perspectives for Sustainable Development. Reviews in Fisheries Science and Aquaculture, 2018, 26, 99-110.	5.1	77
14	Aeromonas salmonicida: updates on an old acquaintance. Diseases of Aquatic Organisms, 2016, 120, 49-68.	0.5	76
15	Recent progress in biomedical applications of chitosan and its nanocomposites in aquaculture: A review. Research in Veterinary Science, 2019, 126, 68-82.	0.9	68
16	CyHV-3: the third cyprinid herpesvirus. Diseases of Aquatic Organisms, 2013, 105, 163-174.	0.5	63
17	Susceptibility of two strains of rainbow trout (one with suspected resistance to whirling disease) to Myxobolus cerebralis infection. Diseases of Aquatic Organisms, 2003, 55, 37-44.	0.5	63
18	An inexpensive and rapid diagnostic method of Koi Herpesvirus (KHV) infection by loop-mediated isothermal amplification. Virology Journal, 2005, 2, 83.	1.4	62

#	Article	IF	Citations
19	Myxobolus cerebralis internal transcribed spacer 1 (ITS-1) sequences support recent spread of the parasite to North America and within Europe. Diseases of Aquatic Organisms, 2004, 60, 105-108.	0.5	57
20	Agent of Whirling Disease Meets Orphan Worm: Phylogenomic Analyses Firmly Place Myxozoa in Cnidaria. PLoS ONE, 2013, 8, e54576.	1.1	55
21	Comparison of 18S and ITS-1 rDNA sequences of selected geographic isolates of Myxobolus cerebralis1Note: The 18S and ITS-1 rDNA sequences for M. cerebralis reported in this paper have been submitted to GenBank under the following respective accession numbers: AF115253, AF115254, AF115255, AF115256, AF115257, AF115258, AF115259, and AF115260.1. International Journal for Parasitology, 1999, 29, 771-775.	1.3	54
22	Inhibition of spring viraemia of carp virus replication in an <scp>E</scp>pithelioma papulosum cyprini cell line by <scp>RNA</scp>i. Journal of Fish Diseases, 2015, 38, 197-207.	0.9	50
23	Transmission of Cyprinid herpesvirus-3 (CyHV-3) from goldfish to naÃ¯ve common carp by cohabitation. Research in Veterinary Science, 2011, 90, 536-539.	0.9	49
24	In vitro assessment of the antimicrobial activity of silver and zinc oxide nanoparticles against fish pathogens. Acta Veterinaria Scandinavica, 2017, 59, 49.	0.5	47
25	Quorum quenching probiotics modulated digestive enzymes activity, growth performance, gut microflora, haemato-biochemical parameters and resistance against Vibrio harveyi in Asian seabass (Lates calcarifer). Aquaculture, 2021, 531, 735874.	1.7	47
26	Rutin and Selenium Co-administration Reverse 3-Nitropropionic Acid-Induced Neurochemical and Molecular Impairments in a Mouse Model of Huntingtonâ€™s Disease. Neurotoxicity Research, 2020, 37, 77-92.	1.3	46
27	Comparison of the susceptibility of brown trout (Salmo trutta) and four rainbow trout (Oncorhynchus mykiss) strains to the myxozoan Tetracapsuloides bryosalmonae, the causative agent of proliferative kidney disease (PKD). Veterinary Parasitology, 2009, 165, 200-206.	0.7	43
28	Whirling disease revisited: pathogenesis, parasite biology and disease intervention. Diseases of Aquatic Organisms, 2015, 114, 155-175.	0.5	42
29	Shotgun proteomic analysis of Yersinia ruckeri strains under normal and iron-limited conditions. Veterinary Research, 2016, 47, 100.	1.1	42
30	Myxozoan Life Cycles: Practical Approaches and Insights. , 2015, , 175-198.		38
31	Loop mediated isothermal amplification combined with nucleic acid lateral flow strip for diagnosis of cyprinid herpes virus-3. Molecular and Cellular Probes, 2010, 24, 38-43.	0.9	36
32	Silver nanoparticles: Their role as antibacterial agent against Aeromonas salmonicida subsp. salmonicida in rainbow trout (Oncorhynchus mykiss). Research in Veterinary Science, 2018, 119, 196-204.	0.9	36
33	Quantitative proteomic profiling of immune responses to Ichthyophthirius multifiliis in common carp skin mucus. Fish and Shellfish Immunology, 2019, 84, 834-842.	1.6	36
34	Loop-mediated isothermal amplification as an emerging technology for detection of Yersinia ruckeri the causative agent of enteric red mouth disease in fish. BMC Veterinary Research, 2008, 4, 31.	0.7	34
35	Fate of Tetracapsuloides bryosalmonae (Myxozoa) after infection of brown trout Salmo trutta and rainbow trout Oncorhynchus mykiss. Diseases of Aquatic Organisms, 2013, 107, 9-18.	0.5	34
36	The effect of cohabitation of Tubifex tubifex (Oligochaeta: Tubificidae) populations on infections to Myxobolus cerebralis (Myxozoa: Myxobolidae). Journal of Invertebrate Pathology, 2006, 91, 1-8.	1.5	32

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37	Molecular methods clarify morphometric variation in triactinomyxon spores (Myxozoa) released from different oligochaete hosts. Systematic Parasitology, 2004, 57, 1-14.	0.5	31
38	Yoropyrazone, a new naphthopyridazone alkaloid isolated from Streptomyces sp. IFM 11307 and evaluation of its TRAIL resistance-overcoming activity. Journal of Antibiotics, 2012, 65, 245-248.	1.0	31
39	Detection of novel strains of cyprinid herpesvirus closely related to koi herpesvirus. Diseases of Aquatic Organisms, 2013, 107, 113-120.	0.5	31
40	Vertical transmission ofTetracapsuloides bryosalmonae(Myxozoa), the causative agent of salmonid proliferative kidney disease. Parasitology, 2014, 141, 482-490.	0.7	31
41	Mycobacteriosis and Infections with Non-tuberculous Mycobacteria in Aquatic Organisms: A Review. Microorganisms, 2020, 8, 1368.	1.6	31
42	Environmental transformation of n-TiO2 in the aquatic systems and their ecotoxicity in bivalve mollusks: A systematic review. Ecotoxicology and Environmental Safety, 2020, 200, 110776.	2.9	31
43	New pyranonaphthoquinones and a phenazine alkaloid isolated from Streptomyces sp. IFM 11307 with TRAIL resistance-overcoming activity. Journal of Antibiotics, 2011, 64, 729-734.	1.0	30
44	Identification of differentially expressed genes of brown trout (Salmo trutta) and rainbow trout (Oncorhynchus mykiss) in response to Tetracapsuloides bryosalmonae (Myxozoa). Parasitology Research, 2015, 114, 929-939.	0.6	30
45	In vivo exposure of susceptible and non-susceptible fish species to Myxobolus cerebralis actinospores reveals non-specific invasion behaviour. Diseases of Aquatic Organisms, 2009, 84, 123-130.	0.5	30
46	Relative quantification of immune-regulatory genes in two rainbow trout strains, Oncorhynchus mykiss, after exposure to Myxobolus cerebralis, the causative agent of whirling disease. Parasitology Research, 2007, 101, 1019-1027.	0.6	29
47	Persistence of Tetracapsuloides bryosalmonae (Myxozoa) in chronically infected brown trout Salmo trutta. Diseases of Aquatic Organisms, 2014, 111, 41-49.	0.5	28
48	Rapid detection of Cyprinid herpesvirus-3 (CyHV-3) using a gold nanoparticle-based hybridization assay. Journal of Virological Methods, 2015, 217, 50-54.	1.0	27
49	Detection of Cyprinid herpesvirus-3 (CyHV-3) DNA in infected fish tissues by nested polymerase chain reaction. Diseases of Aquatic Organisms, 2007, 78, 23-28.	0.5	27
50	Immunocapture and direct binding loop mediated isothermal amplification simplify molecular diagnosis of Cyprinid herpesvirus-3. Journal of Virological Methods, 2009, 162, 91-95.	1.0	26
51	No shot in the dark: Myxozoans chemically detect fresh fish. International Journal for Parasitology, 2011, 41, 271-276.	1.3	26
52	Quorum Quenching Properties and Probiotic Potentials of Intestinal Associated Bacteria in Asian Sea Bass Lates calcarifer. Marine Drugs, 2020, 18, 23.	2.2	26
53	Dietary Chitosan Nanoparticles: Potential Role in Modulation of Rainbow Trout (Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2021, 19, 72.	2.2	26
54	Life cycle studies of Myxobolus parviformis sp. n. (Myxozoa: Myxobolidae) from bream. Diseases of Aquatic Organisms, 2005, 66, 233-243.	0.5	26

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55	Antiprotozoal effects of metal nanoparticles againstIchthyophthirius multifiliis. Parasitology, 2017, 144, 1802-1810.	0.7	25
56	Direct and Indirect Climate Change Impacts on Brown Trout in Central Europe: How Thermal Regimes Reinforce Physiological Stress and Support the Emergence of Diseases. Frontiers in Environmental Science, 2020, 8, .	1.5	25
57	Tetracapsuloides bryosalmonae persists in brown trout Salmo trutta for five years post exposure. Diseases of Aquatic Organisms, 2018, 127, 151-156.	0.5	25
58	Dissemination of triactinomyxons (Myxozoa) via oligochaetes used as live food for aquarium fishes. Diseases of Aquatic Organisms, 2005, 65, 137-152.	0.5	24
59	Rapid diagnosis of Tetracapsuloides bryosalmonae, the causative agent of proliferative kidney disease (PKD) in salmonid fish by a novel DNA amplification method, loop-mediated isothermal amplification (LAMP). Parasitology Research, 2005, 96, 277-284.	0.6	24
60	Quantitative shotgun proteomics distinguishes wound-healing biomarker signatures in common carp skin mucus in response to Ichthyophthirius multifiliis. Veterinary Research, 2018, 49, 37.	1.1	24
61	The Malacosporean Myxozoan Parasite Tetracapsuloides bryosalmonae: A Threat to Wild Salmonids. Pathogens, 2020, 9, 16.	1.2	24
62	First Proliferative Kidney Disease outbreak in Austria, linking to the aetiology of Black Trout Syndrome threatening autochthonous trout populations. Diseases of Aquatic Organisms, 2016, 119, 117-128.	0.5	23
63	Direct detection of unamplified spring viraemia of carp virus RNA using unmodified gold nanoparticles. Diseases of Aquatic Organisms, 2012, 100, 3-10.	0.5	22
64	In vitro antimicrosporidial activity of gold nanoparticles against Heterosporis saurida. BMC Veterinary Research, 2016, 12, 44.	0.7	22
65	Invasion and replication of Yersinia ruckeri in fish cell cultures. BMC Veterinary Research, 2018, 14, 81.	0.7	22
66	Renibacterium salmoninarumâ€"The Causative Agent of Bacterial Kidney Disease in Salmonid Fish. Pathogens, 2020, 9, 845.	1.2	22
67	A brown trout (Salmo trutta) population faces devastating consequences due to proliferative kidney disease and temperature increase: A case study from Austria. Ecology of Freshwater Fish, 2020, 29, 465-476.	0.7	22
68	Differential modulation of host immune genes in the kidney and cranium of the rainbow trout (Oncorhynchus mykiss) in response to Tetracapsuloides bryosalmonae and Myxobolus cerebralis co-infections. Parasites and Vectors, 2018, 11, 326.	1.0	21
69	Feed supplementation with quorum quenching probiotics with anti-virulence potential improved innate immune responses, antioxidant capacity and disease resistance in Asian seabass (Lates) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.7	21
70	Expression of immune-regulatory genes, arginase-2 and inducible nitric oxide synthase (iNOS), in two rainbow trout (Oncorhynchus mykiss) strains following exposure to Myxobolus cerebralis. Parasitology Research, 2010, 106, 325-334.	0.6	20
71	Establishment of medium for laboratory cultivation and maintenance of <scp>F</scp>redericella sultana for in vivo experiments with <scp>T</scp>etracapsuloides bryosalmonae (<scp>M</scp>yxozoa). Journal of Fish Diseases, 2013, 36, 81-88.	0.9	20
72	Differential modulation of host genes in the kidney of brown trout Salmo trutta during sporogenesis of Tetracapsuloides bryosalmonae (Myxozoa). Veterinary Research, 2014, 45, 101.	1.1	20

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73	Pond management strategies for small-scale aquaculture in northern Vietnam: fish production and economic performance. Aquaculture International, 2015, 23, 297-314.	1.1	20
74	Transcriptome profiling of posterior kidney of brown trout, Salmo trutta, during proliferative kidney disease. Parasites and Vectors, 2019, 12, 569.	1.0	20
75	Determination of nuclear DNA concentration in cells of Myxobolus cerebralis and triactinomyxon spores, the causative agent of whirling disease. Parasitology Research, 1998, 84, 694-699.	0.6	19
76	Sensitive and rapid detection of infectious pancreatic necrosis virus by reverse transcription loop mediated isothermal amplification. Journal of Virological Methods, 2009, 158, 77-83.	1.0	19
77	In vitro inhibition of Cyprinid herpesvirus-3 replication by RNAi. Journal of Virological Methods, 2014, 206, 63-66.	1.0	19
78	In vitro effectiveness of Curcuma longa and Zingiber officinale extracts on Echinococcus protoscoleces. Saudi Journal of Biological Sciences, 2017, 24, 90-94.	1.8	19
79	Distribution and prevalence of T.Âbryosalmonae in Austria: A first survey of trout from rivers with a shrinking population. Journal of Fish Diseases, 2018, 41, 1549-1557.	0.9	19
80	Development of Fish Parasite Vaccines in the OMICs Era: Progress and Opportunities. Vaccines, 2021, 9, 179.	2.1	19
81	Effects of modified pond management on limnological parameters in small-scale aquaculture ponds in mountainous Northern Vietnam. Aquaculture Research, 2016, 47, 56-70.	0.9	18
82	Proteome analysis reveals a role of rainbow trout lymphoid organs during Yersinia ruckeri infection process. Scientific Reports, 2018, 8, 13998.	1.6	18
83	Proteome Profiles of Head Kidney and Spleen of Rainbow Trout (Oncorhynchus Mykiss). Proteomics, 2018, 18, e1800101.	1.3	18
84	Biosynthesized silver nanoparticles protect against hepatic injury induced by murine blood-stage malaria infection. Environmental Science and Pollution Research, 2020, 27, 17762-17769.	2.7	18
85	Efficacy of silver nanoparticles to control flavobacteriosis caused by Flavobacterium johnsoniae in common carp Cyprinus carpio. Diseases of Aquatic Organisms, 2020, 137, 175-183.	0.5	18
86	Myxozoan parasites disseminated via oligochaete worms as live food for aquarium fishes: descriptions of aurantiactinomyxon and raabeia actinospore types. Diseases of Aquatic Organisms, 2006, 69, 213-225.	0.5	18
87	Mansoquinone: Isolation and structure elucidation of new antibacterial aromatic polyketides from terrestrialStreptomycesSp. Eg5. Natural Product Research, 2009, 23, 212-218.	1.0	17
88	In VitroGene Silencing of the Fish MicrosporidianHeterosporis sauridaby RNA Interference. Nucleic Acid Therapeutics, 2016, 26, 250-256.	2.0	17
89	In vitro assessment of the antimicrobial efficacy of chitosan nanoparticles against major fish pathogens and their cytotoxicity to fish cell lines. Journal of Fish Diseases, 2020, 43, 1049-1063.	0.9	17
90	Mersaquinone, A New Tetracene Derivative from the Marine-Derived Streptomyces sp. EG1 Exhibiting Activity against Methicillin-Resistant Staphylococcus aureus (MRSA). Antibiotics, 2020, 9, 252.	1.5	17

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91	Antioxidative and immunoprotective potential of Chlorella vulgaris dietary supplementation against chlorpyrifos-induced toxicity in Nile tilapia. Fish Physiology and Biochemistry, 2020, 46, 1549-1560.	0.9	17
92	Synthesis and Biological Evaluation of Thiazolyl-Ethylidene Hydrazino-Thiazole Derivatives: A Novel Heterocyclic System. Applied Sciences (Switzerland), 2021, 11, 8908.	1.3	17
93	Antimicrobial effect of the BiotronicÂ® Top3 supplement and efficacy in protecting rainbow trout (Oncorhynchus mykiss) from infection by Aeromonas salmonicida subsp. salmonicida. Research in Veterinary Science, 2017, 114, 95-100.	0.9	16
94	Global proteomic profiling of Yersinia ruckeri strains. Veterinary Research, 2017, 48, 55.	1.1	16
95	Profiling of bacterial assemblages in the marine cage farm environment, with implications on fish, human and ecosystem health. Ecological Indicators, 2020, 118, 106785.	2.6	16
96	Synergistic Effect of Biosynthesized Silver Nanoparticles and Natural Phenolic Compounds against Drug-Resistant Fish Pathogens and Their Cytotoxicity: An In Vitro Study. Marine Drugs, 2021, 19, 22.	2.2	16
97	Differences in viability and reactivity of actinospores of three myxozoan species upon ageing. Folia Parasitologica, 2008, 55, 105-110.	0.7	16
98	In vitro investigations on extracellular proteins secreted by Aphanomyces invadans, the causative agent of epizootic ulcerative syndrome. Acta Veterinaria Scandinavica, 2017, 59, 78.	0.5	15
99	The impact of Tetracapsuloides bryosalmonaeÂandÂMyxobolus cerebralis co-infections on pathology in rainbow trout. Parasites and Vectors, 2017, 10, 442.	1.0	15
100	Identification and Expression Profiling of Toll-Like Receptors of Brown Trout (Salmo trutta) during Proliferative Kidney Disease. International Journal of Molecular Sciences, 2020, 21, 3755.	1.8	15
101	Biogenic copper nanoparticles from Avicennia marina leaves: Impact on seed germination, detoxification enzymes, chlorophyll content and uptake by wheat seedlings. PLoS ONE, 2021, 16, e0249764.	1.1	15
102	A new bioactive aminophenoxazinone alkaloid from a marine-derived actinomycete. Natural Product Research, 2013, 27, 2126-2131.	1.0	14
103	Antigens of Aeromonas salmonicida subsp. salmonicida specifically induced inÂvivo in Oncorhynchus mykiss. Journal of Fish Diseases, 2016, 39, 1015-1019.	0.9	14
104	Editing the genome of Aphanomyces invadans using CRISPR/Cas9. Parasites and Vectors, 2018, 11, 554.	1.0	14
105	Sequence analysis of OmNramp Î± and quantitative expression of Nramp homologues in different trout strains after infection with Myxobolus cerebralis. Diseases of Aquatic Organisms, 2007, 76, 223-230.	0.5	14
106	A novel gold nanoparticlesâ€based assay for rapid detection of Melissococcus plutonius, the causative agent of European foulbrood. Veterinary Record, 2012, 171, 400-400.	0.2	13
107	Antibody screening identifies 78 putative host proteins involved in <scp>C</scp>yprinid herpesvirus 3 infection or propagation in common carp, <scp>C</scp>yprinus carpioÂ<scp>L</scp>. Journal of Fish Diseases, 2013, 36, 721-733.	0.9	13
108	Annelid-Myxosporean Interactions. , 2015, , 217-234.		13

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109	Recombinase polymerase amplification assay combined with a lateral flow dipstick for rapid detection of Tetracapsuloides bryosalmonae, the causative agent of proliferative kidney disease in salmonids. Parasites and Vectors, 2018, 11, 234.	1.0	13
110	A new age in AquaMedicine: unconventional approach in studying aquatic diseases. BMC Veterinary Research, 2018, 14, 178.	0.7	13
111	Low Pathogenic Strain of Infectious Pancreatic Necrosis Virus (IPNV) Associated with Recent Outbreaks in Iranian Trout Farms. Pathogens, 2020, 9, 782.	1.2	13
112	Loop-mediated isothermal amplification (LAMP) for rapid detection of Renibacterium salmoninarum, the causative agent of bacterial kidney disease. Diseases of Aquatic Organisms, 2008, 81, 143-151.	0.5	13
113	Characterisation of carbohydrate-binding sites in developmental stages of Myxobolus cerebralis. Parasitology Research, 2005, 97, 505-514.	0.6	12
114	Euclinostomum heterostomum infection in guppies Poecilia reticulata cultured in southern Thailand. Diseases of Aquatic Organisms, 2013, 104, 121-127.	0.5	12
115	Modulation of posterior intestinal mucosal proteome in rainbow trout (Oncorhynchus mykiss) after Yersinia ruckeri infection. Veterinary Research, 2019, 50, 54.	1.1	12
116	Proteomics for understanding pathogenesis, immune modulation and host pathogen interactions in aquaculture. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 32, 100625.	0.4	12
117	Improved Sustainable Aquaculture Systems for Small-Scale Farmers in Northern Vietnam. Springer Environmental Science and Engineering, 2013, , 281-317.	0.1	12
118	Characterisation of two novel types of hexactinomyxon spores (Myxozoa) with subsidiary protrusions on their caudal processes. Diseases of Aquatic Organisms, 2003, 55, 45-57.	0.5	12
119	Isolation of a subtilisin-like serine protease gene (MyxSubtSP) from spores of Myxobolus cerebralis, the causative agent of whirling disease. Diseases of Aquatic Organisms, 2007, 73, 245-251.	0.5	12
120	Analysis of rainbow trout Oncorhynchus mykiss epidermal mucus and evaluation of semiochemical activity for polar filament discharge in Myxobolus cerebralis actinospores. Journal of Fish Biology, 2010, 77, 1579-1598.	0.7	11
121	Protein expression and transcription profiles of three strains of Aeromonas salmonicida ssp. salmonicida under normal and iron-limited culture conditions. Proteome Science, 2014, 12, 29.	0.7	11
122	Interaction of Tetracapsuloides bryosalmonae, the causative agent of proliferative kidney disease, with host proteins in the kidney of Salmo trutta. Parasitology Research, 2015, 114, 1721-1727.	0.6	11
123	Synthesis of novel bisâ€•and poly(benzimidazoles) as well as bisâ€•and poly(benzothiazoles) as anticancer agents. Journal of Heterocyclic Chemistry, 2020, 57, 2256-2270.	1.4	11
124	A RNAi-based therapeutic proof of concept targets salmonid whirling disease in vivo. PLoS ONE, 2017, 12, e0178687.	1.1	11
125	Identification of new genogroups in Austrian carp edema virus isolates. Diseases of Aquatic Organisms, 2019, 136, 193-197.	0.5	11
126	Gold Nanoparticles as a Potential Tool for Diagnosis of Fish Diseases. Methods in Molecular Biology, 2015, 1247, 245-252.	0.4	10

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127	In-vitro inhibition of spring viremia of carp virus replication by RNA interference targeting the RNA-dependent RNA polymerase gene. Journal of Virological Methods, 2019, 263, 14-19.	1.0	10
128	Electron microscopic study of a new microsporean Microsporidium epithelialis sp. n. infecting Tubifex sp. (Oligochaeta). Folia Parasitologica, 2000, 47, 257-265.	0.7	10
129	Effect of cadmium on the susceptibility of Tubifex tubifex to Myxobolus cerebralis (Myxozoa), the causative agent of whirling disease. Diseases of Aquatic Organisms, 2010, 89, 63-70.	0.5	9
130	Structural integrity and viability of Fredericella sultana statoblasts infected with Tetracapsuloides bryosalmonae (Myxozoa) under diverse treatment conditions. Veterinary Research, 2017, 48, 19.	1.1	9
131	Proliferative Kidney Disease and Proliferative Darkening Syndrome are Linked with Brown Trout (Salmo trutta fario) Mortalities in the Pre-Alpine Isar River. Pathogens, 2019, 8, 177.	1.2	9
132	Detection of Carp pox virus (CyHV-1) from koi (Cyprinus carpio L.) in Iran; clinico-pathological and molecular characterization. Molecular and Cellular Probes, 2020, 54, 101668.	0.9	9
133	Effect of water temperature on the morbidity of Tetracapsuloides bryosalmonae (Myxozoa) to brown trout (Salmo trutta) under laboratory conditions. Journal of Fish Diseases, 2021, 44, 1005-1013.	0.9	9
134	Transmission of Myxozoans to Vertebrate Hosts. , 2015, , 235-251.		9
135	Non-structural protein pORF 12 of cyprinid herpesvirus 3 is recognized by the immune system of the common carp Cyprinus carpio. Diseases of Aquatic Organisms, 2014, 111, 269-273.	0.5	9
136	Aeromonas spp. suggested as the causative agents of red spot disease in northern Vietnamese grass carp Ctenopharyngodon idella. Diseases of Aquatic Organisms, 2020, 139, 113-119.	0.5	9
137	First transcriptome analysis of bryozoan Fredericella sultana, the primary host of myxozoan parasite Tetracapsuloides bryosalmonae. PeerJ, 2020, 8, e9027.	0.9	9
138	Light and electron microscopic descriptions of Sphaerospora coregoni El-Matbouli, Hoffmann and Kern, 1995 (Myxosporea: Sphaerosporidae) from the kidney of Whitefish (Coregonus lavaretus). European Journal of Protistology, 1996, 32, 389-398.	0.5	8
139	Efficacy of quinine against ichthyophthiriasis in common carp Cyprinus carpio. Diseases of Aquatic Organisms, 2011, 95, 217-224.	0.5	8
140	Isolation and characterization of a novel reovirus from white bream Blicca bjoerkna. Diseases of Aquatic Organisms, 2014, 112, 131-138.	0.5	8
141	In vitro cultivation model for <scp>H</scp>eterosporis saurida (<scp>M</scp>icrosporidia) isolated from lizardfish, <scp>S</scp>aurida undosquamis (Richardson). Journal of Fish Diseases, 2014, 37, 443-449.	0.9	8
142	Migrating zooids allow the dispersal of Fredericella sultana (Bryozoa) to escape from unfavourable conditions and further spreading of Tetracapsuloides bryosalmonae. Journal of Invertebrate Pathology, 2016, 140, 97-102.	1.5	8
143	Kinetics of local and systemic immune cell responses in whirling disease infection and resistance in rainbow trout. Parasites and Vectors, 2019, 12, 249.	1.0	8
144	Nano-Formulations of Copper Species Coated with Sulfated Polysaccharide Extracts and Assessment of Their Phytotoxicity on Wheat (Triticum aestivum L.) Seedlings in Seed Germination, Foliar and Soil Applications. Applied Sciences (Switzerland), 2020, 10, 6302.	1.3	8

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145	Lectin blot studies on proteins of Myxobolus cerebralis, the causative agent of whirling disease. Diseases of Aquatic Organisms, 2005, 65, 227-235.	0.5	8
146	Chlororesistoflavins A and B, Chlorinated Benzopyrene Antibiotics Produced by the Marine-Derived Actinomycete Streptomyces sp. Strain EG32. Journal of Natural Products, 2022, 85, 270-275.	1.5	8
147	Use of in vivo induced antigen technology to identify genes from Aeromonas salmonicida subsp. salmonicida that are specifically expressed during infection of the rainbow trout Oncorhynchus mykiss. BMC Veterinary Research, 2014, 10, 298.	0.7	7
148	Identification Mycobacterium spp. in the Natural Water of Two Austrian Rivers. Microorganisms, 2020, 8, 1305.	1.6	7
149	STAT3/SOCS3 axis contributes to the outcome of salmonid whirling disease. PLoS ONE, 2020, 15, e0234479.	1.1	7
150	Cyprinid herpesvirus 3 (CyHV-3) transmission and outbreaks in Iran: Detection and characterization in farmed common carp. Microbial Pathogenesis, 2020, 149, 104321.	1.3	7
151	Proteins of the Ciliated Protozoan Parasite Ichthyophthirius multifiliis Identified in Common Carp Skin Mucus. Pathogens, 2021, 10, 790.	1.2	7
152	Morphological and Molecular Characterization of a New Myxozoan, Myxobolus grassi sp. nov. (Myxosporea), Infecting the Grass Carp, Ctenopharyngodon idella in the Gomti River, India. Pathogens, 2022, 11, 303.	1.2	7
153	Delivering the pain: an overview of the type III secretion system with special consideration for aquatic pathogens. Veterinary Research, 2021, 52, 146.	1.1	7
154	Therapeutic Intervention with Dietary Chitosan Nanoparticles Alleviates Fish Pathological and Molecular Systemic Inflammatory Responses against Infections. Marine Drugs, 2022, 20, 425.	2.2	7
155	Can RNAi Target Salmonid Whirling Disease In Vivo?. Nucleic Acid Therapeutics, 2015, 25, 285-286.	2.0	6
156	Ortholinea saudii sp. nov. (Myxosporea: Ortholineidae) in the kidney of the marine fish Siganus rivulatus (Teleostei) from the Red Sea, Saudi Arabia. Diseases of Aquatic Organisms, 2015, 113, 25-32.	0.5	6
157	Morphological and molecular characterization of Thelohanellus hoffmanni sp. nov. (Myxozoa) infecting goldfish Carassius auratus auratus. Diseases of Aquatic Organisms, 2015, 115, 37-46.	0.5	6
158	Tetracapsuloides bryosalmonae infection affects the expression of genes involved in cellular signal transduction and iron metabolism in the kidney of the brown trout Salmo trutta. Parasitology Research, 2015, 114, 2301-2308.	0.6	6
159	Effects of deoxynivalenol exposure time and contamination levels on rainbow trout. Journal of the World Aquaculture Society, 2019, 50, 137-154.	1.2	6
160	Holeâ€inâ€theâ€head disease in discus fish, Symphysodon (Heckel, 1840): Is it a consequence of a dietary Ca/P imbalance?. Journal of Fish Diseases, 2019, 42, 1133-1142.	0.9	6
161	Multiple Xenosteroid Pollutants Biomarker Changes in Cultured Nile Tilapia Using Wastewater Effluents as Their Primary Water Source. Animals, 2020, 10, 1475.	1.0	6
162	Identification and molecular characterization of CD4 genes in brown trout (Salmo trutta). Developmental and Comparative Immunology, 2020, 107, 103663.	1.0	6

#	Article	IF	Citations
163	Kinetics of CD4â€1+ lymphocytes in brown trout after exposure to viral haemorrhagic septicaemia virus. Journal of Fish Diseases, 2021, 44, 1553-1562.	0.9	6
164	Co-Infection of Infectious Hypodermal and Hematopoietic Necrosis Virus (IHHNV) and White Spot Syndrome Virus (WSSV) in the Wild Crustaceans of Andaman and Nicobar Archipelago, India. Viruses, 2021, 13, 1378.	1.5	6
165	Extensive release of an antigen associated with the sporogonic stages of Myxobolus cerebralis (Myxozoa: Myxosporea) is detected by a heterologous antibody raised to Tetracapsuloides bryosalmonae (Myxozoa: Malacosporea). Folia Parasitologica, 2004, 51, 215-220.	0.7	6
166	Ultrasonically-Extracted Marine Polysaccharides as Potential Green Antioxidant Alternatives. , 2020, 67, .		6
167	Screening of terrestrial Streptomyces leading to identification of new stereoisomeric anthracyclines. World Journal of Microbiology and Biotechnology, 2008, 24, 2619-2625.	1.7	5
168	Investigating the interactions of <scp>C</scp>yprinid herpesvirusâ€3 with host proteins in goldfish <scp>C</scp>arassius auratus. Journal of Fish Diseases, 2014, 37, 835-841.	0.9	5
169	In vitro growth of the microsporidian Heterosporis saurida in the eel kidney EK-1 cell line. Diseases of Aquatic Organisms, 2014, 108, 37-44.	0.5	5
170	Modulation of local and systemic immune responses in brown trout (Salmo trutta) following exposure to Myxobolus cerebralis. Fish and Shellfish Immunology, 2020, 106, 844-851.	1.6	5
171	Data of de novo transcriptome assembly of the myxozoan parasite Tetracapsuloides bryosalmonae. Data in Brief, 2021, 35, 106831.	0.5	5
172	Evaluation of antiobesity and hepatorenal protective activities of Salvia officinalis extracts pre-treatment in high-fat diet-induced obese rats. Environmental Science and Pollution Research, 0, , .	2.7	5
173	15N tracer application to evaluate nitrogen dynamics of food webs in two subtropical small-scale aquaculture ponds under different managements. Isotopes in Environmental and Health Studies, 2014, 50, 428-441.	0.5	4
174	First Detection of Cyprinid Herpesvirus 3 in Cultured Common Carp in Vietnam. Fish Pathology, 2016, 51, 28-31.	0.4	4
175	Feed Supplementation with a Commercially Available Probiotic Solution Does Not Alter the Composition of the Microbiome in the Biofilters of Recirculating Aquaculture Systems. Pathogens, 2020, 9, 830.	1.2	4
176	Transcriptome Analysis Elucidates the Key Responses of Bryozoan Fredericella sultana during the Development of Tetracapsuloides bryosalmonae (Myxozoa). International Journal of Molecular Sciences, 2020, 21, 5910.	1.8	4
177	Effects of siRNA silencing on the susceptibility of the fish cell line CHSE-214 to Yersinia ruckeri. Veterinary Research, 2020, 51, 45.	1.1	4
178	Biomarker responses of Nile tilapia towards wastewater effluents exposure. Aquaculture Research, 2021, 52, 1382-1394.	0.9	4
179	Acanthocephalan parasites collected from Austrian fishes: molecular barcoding and pathological observations. Diseases of Aquatic Organisms, 2020, 139, 103-111.	0.5	4
180	Anticolitic activity of prodigiosin loaded with selenium nanoparticles on acetic acidâ€“induced colitis in rats. Environmental Science and Pollution Research, 2022, 29, 55790-55802.	2.7	4

#	Article	IF	Citations
181	Genome-wide alternative splicing profile in the posterior kidney of brown trout (Salmo trutta) during proliferative kidney disease. BMC Genomics, 2022, 23, .	1.2	4
182	Can a New Species of Myxozoa be Described Based Solely on their Actinosporean Stage? Reply. Parasitology Today, 1999, 15, 508.	3.1	3
183	Isolation and Crystal Structure of a new Anthraquinone Derivative from Actinomycete. Chemistry of Natural Compounds, 2014, 50, 613-616.	0.2	3
184	Proteomic Analysis of Cytoskeleton Proteins in Fish. Methods in Molecular Biology, 2016, 1365, 357-372.	0.4	3
185	Effect of immunostimulatory feed supplements on the development of acquired immunity in rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2019, 86, 1-3.	1.6	3
186	Effects of Yersinia ruckeri invasion on the proteome of the Chinook salmon cell line CHSE-214. Scientific Reports, 2020, 10, 11840.	1.6	3
187	First description of freshwater mite Unionicola sauerensis sp. nov. infesting thick-shelled river mussel Unio crassus. Diseases of Aquatic Organisms, 2021, 145, 63-77.	0.5	3
188	Xenosteroids in aquaculture with special consideration to Lake Manzala (Northern delta lake, Egypt): Types, sources and mechanism of action. Aquaculture Research, 2021, 52, 5962-5977.	0.9	3
189	Gonad development in farmed male and female South African abalone, Haliotis midae, fed artificial and natural diets under a range of husbandry conditions. Aquaculture International, 2022, 30, 1279-1293.	1.1	3
190	Emergence of Discocotylesagittata (Monogenea: Polyopisthocotylea) in rainbow trout (Oncorhynchusmykiss) and brown trout (Salmotrutta) in an Austrian aquarium. Journal of Fish Diseases, 2021, 44, 1643-1646.	0.9	2
191	Kinetics of Parasite-Specific Antibody and B-Cell-Associated Gene Expression in Brown Trout, Salmo trutta during Proliferative Kidney Disease. Biology, 2021, 10, 1244.	1.3	2
192	Isolation and Crystal Structure of all-trans (E)-8-Methyl-13-phenyltrideca-4,6,8,10,12-pentaen-3-one. Analytical Sciences: X-ray Structure Analysis Online, 2008, 24, X187-X188.	0.1	1
193	Leaves from banana (Musa nana) and maize (Zea mays) have no phyto-prophylactic effects on the susceptibility of grass carp (Ctenopharyngodon idella) to Aeromonas hydrophila infection. BMC Veterinary Research, 2017, 13, 329.	0.7	1
194	Elucidation of putative binding partners for the protein encoded by ORF149 of cyprinid herpesvirus 3 in goldfish (Carassius auratus). Journal of Fish Diseases, 2020, 43, 707-710.	0.9	1
195	Special Issue â€œEmerging Viruses in Aquacultureâ€• Viruses, 2021, 13, 1777.	1.5	1
196	Control of spring viremia of carp in common carp using RNA interference. Aquaculture, 2022, 559, 738417.	1.7	1
197	Inhibitory and ameliorative effect of heliomycin derived from actinomycete on induced hepatocellular carcinoma in rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 1091-1102.	1.4	0