James F Turnbull

List of Publications by Year
in descending order

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65	3,725	218677	133252
papers	citations	26 h-index	59 g-index

71	71	71	3510
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Current issues in fish welfare. Journal of Fish Biology, 2006, 68, 332-372.	1.6	627
2	The use and selection of probiotic bacteria for use in the culture of larval aquatic organisms. Aquaculture, 2000, 191, 259-270.	3.5	354
3	The impact of stocking density on the welfare of rainbow trout (Oncorhynchus mykiss). Aquaculture, 2006, 255, 466-479.	3.5	253
4	Stocking density and welfare of cage farmed Atlantic salmon: application of a multivariate analysis. Aquaculture, 2005, 243, 121-132.	3.5	214
5	Human Streptococcus agalactiae strains in aquatic mammals and fish. BMC Microbiology, 2013, 13, 41.	3.3	174
6	Influence of water quality and temperature on adhesion of high and low virulence Flavobacterium columnare strains to isolated gill arches. Journal of Fish Diseases, 1999, 22, 1-11.	1.9	138
7	Species of Vibrio isolated from hepatopancreas, haemolymph and digestive tract of a population of healthy juvenile Penaeus vannamei. Aquaculture, 1998, 163, 1-9.	3.5	134
8	Review of climate change impacts on marine aquaculture in the UK and Ireland. Aquatic Conservation: Marine and Freshwater Ecosystems, 2012, 22, 389-421.	2.0	134
9	Identification of Edwardsiella ictaluri from diseased freshwater catfish, Pangasius hypophthalmus (Sauvage), cultured in the Mekong Delta, Vietnam. Journal of Fish Diseases, 2002, 25, 733-736.	1.9	110
10	The histopathology associated with the pre-adult and adult stages of Lepeophtheirus salmonis on the Atlantic salmon, Salmo salar L.. Journal of Fish Diseases, 1992, 15, 521-527.	1.9	98
11	Alternative competitive strategies and the cost of food acquisition in juvenile Atlantic salmon (Salmo) Tj ETQq1 1 0.784314 rgBT /Ove	3.5	91
12	Prospects for management strategies of invasive crayfish populations with an emphasis on biological control. Aquatic Conservation: Marine and Freshwater Ecosystems, 2010, 20, 211-223.	2.0	77
13	A validated macroscopic key to assess fin damage in farmed rainbow trout (Oncorhynchus mykiss). Aquaculture, 2007, 270, 142-148.	3.5	75
14	Multiple determinants of welfare in farmed fish: stocking density, disturbance, and aggression in Atlantic salmon (Salmo salar). Canadian Journal of Fisheries and Aquatic Sciences, 2007, 64, 336-344.	1.4	75
15	Exploring the microbial diversity of the distal intestinal lumen and mucosa of farmed rainbow troutOncorhynchus mykiss(Walbaum) using next generation sequencing (NGS). Aquaculture Research, 2017, 48, 77-91.	1.8	70
16	The effectiveness of fallowing strategies in disease control in salmon aquaculture assessed with an SIS model. Preventive Veterinary Medicine, 2011, 98, 64-73.	1.9	67
17	Prevalence of Zoonotic Trematodes in Fish from a Vietnamese Fish-Farming Community. Journal of Parasitology, 2008, 94, 423-428.	0.7	66
18	Bacillary necrosis in farmed Pangasius hypophthalmus (Sauvage) from the Mekong Delta, Vietnam. Journal of Fish Diseases, 2001, 24, 509-513.	1.9	63

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19	Prioritization of knowledge needs for sustainable aquaculture: a national and global perspective. Fish and Fisheries, 2015, 16, 668-683.	5.3	55
20	A baseline method for benchmarking mortality losses in Atlantic salmon (Salmo salar) production. Aquaculture, 2011, 314, 7-12.	3.5	52
21	Size heterogeneity can reduce aggression and promote growth in Atlantic salmon parr. Aquaculture International, 2000, 8, 543-549.	2.2	45
22	Pair-level approximations to the spatio-temporal dynamics of epidemics on asymmetric contact networks. Journal of Mathematical Biology, 2006, 53, 61-85.	1.9	45
23	Trends during development of Scottish salmon farming: An example of sustainable intensification?. Aquaculture, 2016, 458, 82-99.	3.5	45
24	Genomic comparison of virulent and nonâ€virulent <scp>S</scp>treptococcus agalactiae in fish. Journal of Fish Diseases, 2016, 39, 13-29.	1.9	42
25	Mortality and fish welfare. Fish Physiology and Biochemistry, 2012, 38, 189-199.	2.3	34
26	Introduced parasite Anguillicola crassus infection significantly impedes swim bladder function in the European eel Anguilla anguilla (L.). Journal of Fish Diseases, 2014, 37, 921-924.	1.9	31
27	Ultrastructure and Cytopathology of a Rickettsia-like Organism Causing Systemic Infection in the Redclaw Crayfish, Cherax quadricarinatus (Crustacea: Decapoda), in Ecuador. Journal of Invertebrate Pathology, 2000, 76, 95-104.	3.2	28
28	Effect of water treatment and aeration on the percentage hatch of demersal, adhesive eggs of the bullseye puffer (Sphoeroides annulatus). Aquaculture, 2004, 229, 147-158.	3.5	24
29	Multi-centre testing and validation of current protocols for the identification of Gyrodactylus salaris (Monogenea). International Journal for Parasitology, 2010, 40, 1455-1467.	3.1	21
30	The pathology of chronic erosive dermatopathy in Murray cod, Maccullochella peelii peelii (Mitchell). Journal of Fish Diseases, 2005, 28, 3-12.	1.9	19
31	Investigating the Effect of an Oxytetracycline Treatment on the Gut Microbiome and Antimicrobial Resistance Gene Dynamics in Nile Tilapia (Oreochromis niloticus). Antibiotics, 2021, 10, 1213.	3.7	19
32	Epidemics and control strategies for diseases of farmed salmonids: A parameter study. Epidemics, 2010, 2, 195-206.	3.0	18
33	BIO-ECONOMIC COSTS AND BENEFITS OF USING TRIPLOID RAINBOW TROUT IN AQUACULTURE: REDUCED MORTALITY. Aquaculture, Economics and Management, 2012, 16, 365-383.	4.2	18
34	A risk assessment for managing non-native parasites. Biological Invasions, 2013, 15, 1273-1286.	2.4	18
35	Stocking density practices of commercial UK rainbow trout farms. Aquaculture, 2006, 259, 260-267.	3.5	17
36	The implications of a feelings-based approach to fish welfare: a reply to ArlinghausetÂal.. Fish and Fisheries, 2007, 8, 277-280.	5.3	15

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37	Further development of the â€œFin Indexâ€•method for quantifying fin erosion in rainbow trout. Aquaculture, 2009, 289, 283-288.	3.5	15
38	Histopathology and Ultrastructure of Segmented Filamentous Bacteriaâ€“Associated Rainbow Trout Gastroenteritis. Veterinary Pathology, 2010, 47, 220-230.	1.7	15
39	Draft Genome Sequence of a Nonhemolytic Fish-Pathogenic Streptococcus agalactiae Strain. Journal of Bacteriology, 2012, 194, 6341-6342.	2.2	15
40	Problems and solutions with the design and execution of an epidemiological study of white spot disease in black tiger shrimp (Penaeus monodon) in Vietnam. Preventive Veterinary Medicine, 2002, 53, 117-132.	1.9	14
41	A prospective longitudinal study of â€œCandidatus arthromitusâ€•associated rainbow trout gastroenteritis in the UK. Preventive Veterinary Medicine, 2010, 94, 289-300.	1.9	14
42	A retrospective cross-sectional study on â€œCandidatus arthromitusâ€•associated Rainbow trout gastroenteritis (RTGE) in the UK. Aquaculture, 2009, 290, 22-27.	3.5	13
43	Development of a bath challenge for the marine shrimp Penaeus vannamei Boone, 1931. Aquaculture, 1998, 169, 283-290.	3.5	12
44	A comparative molecular study of the presence of â€œCandidatus arthromitusâ€•in the digestive system of rainbow trout, Oncorhynchus mykiss (Walbaum), healthy and affected with rainbow trout gastroenteritis. Journal of Fish Diseases, 2010, 33, 241-250.	1.9	12
45	MODELING THE ECONOMIC IMPACT OF WELFARE INTERVENTIONS IN FISH FARMINGâ€”A CASE STUDY FROM THE U.K. RAINBOW TROUT INDUSTRY. Aquaculture, Economics and Management, 2012, 16, 315-340.	4.2	11
46	The effect of oxytetracycline treatment on the gut microbiome community dynamics in rainbow trout (Oncorhynchus mykiss) over time. Aquaculture, 2022, 560, 738559.	3.5	11
47	Applied epidemiology with examples from UK aquaculture. Aquaculture Research, 2011, 42, 21-27.	1.8	10
48	Comparative imaging of European eels (Anguilla anguilla) for the evaluation of swimbladder nematode (Anguillicoloides crassus) infestation. Journal of Fish Diseases, 2016, 39, 635-647.	1.9	10
49	Histopathological and ultrastructural studies of the tapeworm Monobothrium wageneri (Caryophyllidea) in the intestinal tract of tench Tinca tinca. Diseases of Aquatic Organisms, 2011, 97, 143-154.	1.0	9
50	WELFARE AND AQUACULTURE: WHERE BENEFISH FITS IN. Aquaculture, Economics and Management, 2012, 16, 433-440.	4.2	9
51	Seasonality and heterogeneity of live fish movements in Scottish fish farms. Diseases of Aquatic Organisms, 2011, 96, 69-82.	1.0	9
52	A study of gross, histological and blood biochemical changes in rainbow trout, Oncorhynchus mykiss (Walbaum), with rainbow trout gastroenteritis (RTGE). Journal of Fish Diseases, 2010, 33, 301-310.	1.9	8
53	Evaluating abnormal mortality as an indicator of disease presence in the Atlantic salmon industry using the receiver operating characteristic (ROC). Aquaculture, 2012, 370-371, 136-143.	3.5	8
54	A MULTI-DISCIPLINARY FRAMEWORK FOR BIO-ECONOMIC MODELING IN AQUACULTURE: A WELFARE CASE STUDY. Aquaculture, Economics and Management, 2012, 16, 297-314.	4.2	8

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55	Qualitative Behavioral Assessment in Juvenile Farmed Atlantic Salmon (Salmo salar): Potential for On-Farm Welfare Assessment. Frontiers in Veterinary Science, 2021, 8, 702783.	2.2	8
56	Evidence that superficial branchial colonies on the gills of Salmo salar L. are not Aeromonas salmonicida. Journal of Fish Diseases, 1989, 12, 449-458.	1.9	7
57	Achieving consensus on current and future priorities for farmed fish welfare: a case study from the UK. Fish Physiology and Biochemistry, 2012, 38, 219-229.	2.3	7
58	Factors affecting variation in mortality of marine Atlantic salmon Salmo salar in Scotland. Diseases of Aquatic Organisms, 2013, 103, 101-109.	1.0	7
59	A histopathological disease survey of cultured shrimp in North East Sumatera, Indonesia. Journal of Fish Diseases, 1994, 17, 57-65.	1.9	6
60	Seasonal development and pathological changes associated with the parasitic nematodePhilometroides sanguineusin wild crucian carpCarassius carassius(L.) in England. Journal of Helminthology, 2012, 86, 329-338.	1.0	6
61	Clinical white spot disease status in Penaeus monodon during the middle of the culture period â€“ its epidemiological significance. Journal of Fish Diseases, 2010, 33, 609-615.	1.9	5
62	The Complex Influences on How We Care for Farmed Fish. Frontiers in Veterinary Science, 2021, 8, 765797.	2.2	4
63	Evaluation of visible implant elastomer tags for pathogenesis research in Nile tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	3
64	Enhancing collaboration in the UK animal welfare research community. Veterinary Record, 2016, 178, 138-139.	0.3	1
65	Mortality and fish welfare. , 2011, , 189-199.		0