Trevor C Telfer

List of Publications by Year
in descending order

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52 papers	2,538 citations	218677 26 h-index	197818 49 g-index
52 all docs	52 docs citations	52 times ranked	3597 citing authors

#	Article	IF	Citations
1	â€˜Offshoreâ€™ salmon aquaculture and identifying the needs for environmental regulation. Aquaculture, 2022, 546, 737342.	3.5	8
2	Culturing the sea cucumber Holothuria poli in open-water integrated multi-trophic aquaculture at a coastal Mediterranean fish farm. Aquaculture, 2022, 550, 737881.	3.5	19
3	Insight into real-world complexities is required to enable effective response from the aquaculture sector to climate change. , 2022, 1, e0000017.		10
4	Stable isotope and fatty acid analysis reveal the ability of sea cucumbers to use fish farm waste in integrated multi-trophic aquaculture. Journal of Environmental Management, 2022, 318, 115511.	7.8	10
5	Waterbody scale assessment using spatial models to identify suitable locations for cage aquaculture in large lake systems: A case study in Volta Lake, Ghana. Aquaculture Research, 2021, 52, 3854-3870.	1.8	4
6	Managing aquaculture in multi-use freshwater bodies: the case of Jatiluhur reservoir. Environmental Research Letters, 2021, 16, 044022.	5.2	3
7	Use of geographic information systems for aquaculture and recommendations for development of spatial tools. Reviews in Aquaculture, 2020, 12, 664-677.	9.0	23
8	The importance of calibrating climate change projections to local conditions at aquaculture sites. Aquaculture, 2020, 514, 734487.	3.5	32
9	Improving pacific oyster (Crassostrea gigas, Thunberg, 1793) production in Mediterranean coastal lagoons: Validation of the growth model â€œShellSIMâ€•on traditional and novel farming methods. Aquaculture, 2020, 516, 734612.	3.5	10
10	A modelling approach to classify the suitability of shallow Mediterranean lagoons for pacific oyster, Crassostrea gigas (Thunberg, 1793) farming. Ocean and Coastal Management, 2020, 192, 105234.	4.4	8
11	Use of models for the environmental risk assessment ofÂveterinary medicines in European aquaculture: currentÂsituation and future perspectives. Reviews in Aquaculture, 2019, 11, 969-988.	9.0	16
12	What does â€˜beyond complianceâ€™ look like for the Scottish salmon aquaculture industry?. Marine Policy, 2019, 109, 103668.	3.2	6
13	Modelling seasonal nutrient inputs from non-point sources across large catchments of importance to aquaculture. Aquaculture, 2018, 495, 682-692.	3.5	19
14	GIS Technologies for Sustainable Aquaculture. , 2018, , 290-314.		4
15	The impacts of suspended mariculture on coastal zones in China and the scope for Integrated Multi-Trophic Aquaculture. Ecosystem Health and Sustainability, 2017, 3, .	3.1	36
16	Vulnerability of aquacultureâ€related livelihoods to changing climate at the global scale. Fish and Fisheries, 2017, 18, 466-488.	5.3	58
17	Investigation of a novel approach for aquaculture site selection. Journal of Environmental Management, 2016, 181, 791-804.	7.8	33
18	Modelling the nitrogen loadings from large yellow croaker (Larimichthys crocea) cage aquaculture. Environmental Science and Pollution Research, 2016, 23, 7529-7542.	5.3	19

#	Article	IF	Citations
19	A model for optimization of the productivity and bioremediation efficiency of marine integrated multitrophic aquaculture. Estuarine, Coastal and Shelf Science, 2015, 164, 253-264.	2.1	29
20	Perspectives on the Utilization of Aquaculture Coproduct in Europe and Asia: Prospects for Value Addition and Improved Resource Efficiency. Critical Reviews in Food Science and Nutrition, 2014, 54, 495-510.	10.3	36
21	Impacts of decentralized fish fingerling production in irrigated rice fields in Northwest Bangladesh. Aquaculture Research, 2014, 45, 655-674.	1.8	15
22	Visual, seascape and landscape analysis to support coastal aquaculture site selection. Land Use Policy, 2013, 34, 1-10.	5.6	45
23	Using physical environmental parameters and cage engineering design within GIS-based site suitability models for marine aquaculture. Aquaculture Environment Interactions, 2013, 4, 223-237.	1.8	29
24	Selective Pressure of Antibiotic Pollution on Bacteria of Importance to Public Health. Environmental Health Perspectives, 2012, 120, 1100-1106.	6.0	249
25	An evaluation of trace metal distribution, enrichment factors and risk in sediments of a coastal lagoon (Ria de Aveiro, Portugal). Environmental Earth Sciences, 2012, 67, 2043-2052.	2.7	16
26	Separability indexes and accuracy of neuro-fuzzy classification in Geographic Information Systems for assessment of coastal environmental vulnerability. Ecological Informatics, 2012, 12, 43-49.	5.2	14
27	Use of chemicals and biological products in Asian aquaculture and their potential environmental risks: a critical review. Reviews in Aquaculture, 2012, 4, 75-93.	9.0	209
28	A feeding inhibition based prediction of the toxic effect of dissolved metal mixtures upon Echinogammarus marinus (Crustacea: Amphipoda) at field relevant concentrations across a latitudinal gradient. Journal of Environmental Monitoring, 2011, 13, 3343.	2.1	6
29	Enhancing benefits from polycultures including tilapia (Oreochromis niloticus) within integrated pond-dike systems: A participatory trial with households of varying socio-economic level in rural and peri-urban areas of Bangladesh. Aquaculture, 2011, 314, 225-235.	3.5	37
30	A flume study to evaluate the processes governing retention of sea lice therapeutants using skirts in the treatment of sea lice infestation. Aquaculture, 2011, 319, 459-465.	3.5	7
31	Spatial modeling of environmental vulnerability of marine finfish aquaculture using GIS-based neuro-fuzzy techniques. Marine Pollution Bulletin, 2011, 62, 1786-1799.	5.0	16
32	Application of 3D hydrodynamic and particle tracking models for better environmental management of finfish culture. Continental Shelf Research, 2011, 31, 675-684.	1.8	36
33	Passing the Panda Standard: A TAD Off the Mark?. Ambio, 2010, 39, 2-13.	5.5	31
34	Assessment of coastal management options by means of multilayered ecosystem models. Estuarine, Coastal and Shelf Science, 2010, 87, 43-62.	2.1	77
35	Total ammonia nitrogen leaching from feed pellets used in salmon aquaculture. Journal of Applied Ichthyology, 2010, 26, 16-20.	0.7	11
36	Aquaculture: global status and trends. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2897-2912.	4.0	700

#	ARTICLE	IF	CITATIONS
37	Amphipod intersex, metals and latitude: A perspective. Marine Pollution Bulletin, 2009, 58, 812-817.	5.0	13
38	Settling velocity and total ammonia nitrogen leaching from commercial feed and faecal pellets of gilthead seabream (Sparus aurata L. 1758) and seabass (Dicentrarchus labrax L. 1758). Aquaculture Research, 2009, 40, 1703-1714.	1.8	28
39	Amphipod susceptibility to metals: Cautionary tales. Chemosphere, 2009, 75, 1423-1428.	8.2	16
40	A Comparative Study of Leaf Breakdown of Three Native Tree Species in a Slowly-Flowing Headwater Stream in the Colombian Andes. International Review of Hydrobiology, 2007, 92, 183-198.	0.9	23
41	Qualitative assessment of initial biofouling on fish nets used in marine cage aquaculture. Aquaculture Research, 2007, 38, 660-663.	1.8	13
42	A fully integrated GIS-based model of particulate waste distribution from marine fish-cage sites. Aquaculture, 2006, 258, 299-311.	3.5	59
43	Environmental effects of the anti-sea lice (Copepoda: Caligidae) therapeutant emamectin benzoate under commercial use conditions in the marine environment. Aquaculture, 2006, 260, 163-180.	3.5	44
44	Geographical information systems-based models for offshore floating marine fish cage aquaculture site selection in Tenerife, Canary Islands. Aquaculture Research, 2005, 36, 946-961.	1.8	85
45	Preliminary study on the effects of exclusion of wild fauna from aquaculture cages in a shallow marine environment. Aquaculture, 2005, 243, 159-174.	3.5	41
46	Effects of cypermethrin on marine plankton communities: a simulated field study using mesocosms. Ecotoxicology and Environmental Safety, 2004, 58, 236-245.	6.0	31
47	Use of GIS-Based Models for Integrating and Developing Marine Fish Cages within the Tourism Industry in Tenerife (Canary Islands). Coastal Management, 2003, 31, 355-366.	2.0	54
48	Water quality requirements for marine fish cage site selection in Tenerife (Canary Islands): predictive modelling and analysis using GIS. Aquaculture, 2003, 224, 51-68.	3.5	50
49	On the calculation of wave climate for offshore cage culture site selection: a case study in Tenerife (Canary Islands). Aquacultural Engineering, 2003, 29, 1-21.	3.1	38
50	Age- and Sex-Related Variation in Sensitivity to the Pyrethroid Cypermethrin in the Marine Copepod Acartia tonsa Dana. Archives of Environmental Contamination and Toxicology, 2002, 42, 17-22.	4.1	95
51	Title is missing!. Aquaculture International, 1999, 7, 89-100.	2.2	52
52	Geographical variation in the distributions of macroalgae in estuaries. Netherlands Journal of Aquatic Ecology, 1995, 29, 359-368.	0.3	15