

# Trevor C Telfer

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Aquaculture: global status and trends. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2897-2912.	4.0	700
2	Selective Pressure of Antibiotic Pollution on Bacteria of Importance to Public Health. <i>Environmental Health Perspectives</i> , 2012, 120, 1100-1106.	6.0	249
3	Use of chemicals and biological products in Asian aquaculture and their potential environmental risks: a critical review. <i>Reviews in Aquaculture</i> , 2012, 4, 75-93.	9.0	209
4	Age- and Sex-Related Variation in Sensitivity to the Pyrethroid Cypermethrin in the Marine Copepod <i>Acartia tonsa</i> Dana. <i>Archives of Environmental Contamination and Toxicology</i> , 2002, 42, 17-22.	4.1	95
5	Geographical information systems-based models for offshore floating marine fish cage aquaculture site selection in Tenerife, Canary Islands. <i>Aquaculture Research</i> , 2005, 36, 946-961.	1.8	85
6	Assessment of coastal management options by means of multilayered ecosystem models. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 87, 43-62.	2.1	77
7	A fully integrated GIS-based model of particulate waste distribution from marine fish-cage sites. <i>Aquaculture</i> , 2006, 258, 299-311.	3.5	59
8	Vulnerability of aquaculture-related livelihoods to changing climate at the global scale. <i>Fish and Fisheries</i> , 2017, 18, 466-488.	5.3	58
9	Use of GIS-Based Models for Integrating and Developing Marine Fish Cages within the Tourism Industry in Tenerife (Canary Islands). <i>Coastal Management</i> , 2003, 31, 355-366.	2.0	54
10	Title is missing!. <i>Aquaculture International</i> , 1999, 7, 89-100.	2.2	52
11	Water quality requirements for marine fish cage site selection in Tenerife (Canary Islands): predictive modelling and analysis using GIS. <i>Aquaculture</i> , 2003, 224, 51-68.	3.5	50
12	Visual, seascape and landscape analysis to support coastal aquaculture site selection. <i>Land Use Policy</i> , 2013, 34, 1-10.	5.6	45
13	Environmental effects of the anti-sea lice (Copepoda: Caligidae) therapeutant emamectin benzoate under commercial use conditions in the marine environment. <i>Aquaculture</i> , 2006, 260, 163-180.	3.5	44
14	Preliminary study on the effects of exclusion of wild fauna from aquaculture cages in a shallow marine environment. <i>Aquaculture</i> , 2005, 243, 159-174.	3.5	41
15	On the calculation of wave climate for offshore cage culture site selection: a case study in Tenerife (Canary Islands). <i>Aquacultural Engineering</i> , 2003, 29, 1-21.	3.1	38
16	Enhancing benefits from polycultures including tilapia ( <i>Oreochromis niloticus</i> ) within integrated pond-dike systems: A participatory trial with households of varying socio-economic level in rural and peri-urban areas of Bangladesh. <i>Aquaculture</i> , 2011, 314, 225-235.	3.5	37
17	Application of 3D hydrodynamic and particle tracking models for better environmental management of finfish culture. <i>Continental Shelf Research</i> , 2011, 31, 675-684.	1.8	36
18	Perspectives on the Utilization of Aquaculture Coproduct in Europe and Asia: Prospects for Value Addition and Improved Resource Efficiency. <i>Critical Reviews in Food Science and Nutrition</i> , 2014, 54, 495-510.	10.3	36

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19	The impacts of suspended mariculture on coastal zones in China and the scope for Integrated Multi-Trophic Aquaculture. <i>Ecosystem Health and Sustainability</i> , 2017, 3, .	3.1	36
20	Investigation of a novel approach for aquaculture site selection. <i>Journal of Environmental Management</i> , 2016, 181, 791-804.	7.8	33
21	The importance of calibrating climate change projections to local conditions at aquaculture sites. <i>Aquaculture</i> , 2020, 514, 734487.	3.5	32
22	Effects of cypermethrin on marine plankton communities: a simulated field study using mesocosms. <i>Ecotoxicology and Environmental Safety</i> , 2004, 58, 236-245.	6.0	31
23	Passing the Panda Standard: A TAD Off the Mark?. <i>Ambio</i> , 2010, 39, 2-13.	5.5	31
24	Using physical environmental parameters and cage engineering design within GIS-based site suitability models for marine aquaculture. <i>Aquaculture Environment Interactions</i> , 2013, 4, 223-237.	1.8	29
25	A model for optimization of the productivity and bioremediation efficiency of marine integrated multitrophic aquaculture. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 164, 253-264.	2.1	29
26	Settling velocity and total ammonia nitrogen leaching from commercial feed and faecal pellets of gilthead seabream ( <i>Sparus aurata</i> L. 1758) and seabass ( <i>Dicentrarchus labrax</i> L. 1758). <i>Aquaculture Research</i> , 2009, 40, 1703-1714.	1.8	28
27	A Comparative Study of Leaf Breakdown of Three Native Tree Species in a Slowly-Flowing Headwater Stream in the Colombian Andes. <i>International Review of Hydrobiology</i> , 2007, 92, 183-198.	0.9	23
28	Use of geographic information systems for aquaculture and recommendations for development of spatial tools. <i>Reviews in Aquaculture</i> , 2020, 12, 664-677.	9.0	23
29	Modelling the nitrogen loadings from large yellow croaker ( <i>Larimichthys crocea</i> ) cage aquaculture. <i>Environmental Science and Pollution Research</i> , 2016, 23, 7529-7542.	5.3	19
30	Modelling seasonal nutrient inputs from non-point sources across large catchments of importance to aquaculture. <i>Aquaculture</i> , 2018, 495, 682-692.	3.5	19
31	Culturing the sea cucumber <i>Holothuria poli</i> in open-water integrated multi-trophic aquaculture at a coastal Mediterranean fish farm. <i>Aquaculture</i> , 2022, 550, 737881.	3.5	19
32	Amphipod susceptibility to metals: Cautionary tales. <i>Chemosphere</i> , 2009, 75, 1423-1428.	8.2	16
33	Spatial modeling of environmental vulnerability of marine finfish aquaculture using GIS-based neuro-fuzzy techniques. <i>Marine Pollution Bulletin</i> , 2011, 62, 1786-1799.	5.0	16
34	An evaluation of trace metal distribution, enrichment factors and risk in sediments of a coastal lagoon (Ria de Aveiro, Portugal). <i>Environmental Earth Sciences</i> , 2012, 67, 2043-2052.	2.7	16
35	Use of models for the environmental risk assessment of veterinary medicines in European aquaculture: current situation and future perspectives. <i>Reviews in Aquaculture</i> , 2019, 11, 969-988.	9.0	16
36	Geographical variation in the distributions of macroalgae in estuaries. <i>Netherlands Journal of Aquatic Ecology</i> , 1995, 29, 359-368.	0.3	15

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37	Impacts of decentralized fish fingerling production in irrigated rice fields in Northwest Bangladesh. <i>Aquaculture Research</i> , 2014, 45, 655-674.	1.8	15
38	Separability indexes and accuracy of neuro-fuzzy classification in Geographic Information Systems for assessment of coastal environmental vulnerability. <i>Ecological Informatics</i> , 2012, 12, 43-49.	5.2	14
39	Qualitative assessment of initial biofouling on fish nets used in marine cage aquaculture. <i>Aquaculture Research</i> , 2007, 38, 660-663.	1.8	13
40	Amphipod intersex, metals and latitude: A perspective. <i>Marine Pollution Bulletin</i> , 2009, 58, 812-817.	5.0	13
41	Total ammonia nitrogen leaching from feed pellets used in salmon aquaculture. <i>Journal of Applied Ichthyology</i> , 2010, 26, 16-20.	0.7	11
42	Improving pacific oyster ( <i>Crassostrea gigas</i> , Thunberg, 1793) production in Mediterranean coastal lagoons: Validation of the growth model "ShellSIM" on traditional and novel farming methods. <i>Aquaculture</i> , 2020, 516, 734612.	3.5	10
43	Insight into real-world complexities is required to enable effective response from the aquaculture sector to climate change. , 2022, 1, e0000017.		10
44	Stable isotope and fatty acid analysis reveal the ability of sea cucumbers to use fish farm waste in integrated multi-trophic aquaculture. <i>Journal of Environmental Management</i> , 2022, 318, 115511.	7.8	10
45	A modelling approach to classify the suitability of shallow Mediterranean lagoons for pacific oyster, <i>Crassostrea gigas</i> (Thunberg, 1793) farming. <i>Ocean and Coastal Management</i> , 2020, 192, 105234.	4.4	8
46	"Offshore" salmon aquaculture and identifying the needs for environmental regulation. <i>Aquaculture</i> , 2022, 546, 737342.	3.5	8
47	A flume study to evaluate the processes governing retention of sea lice therapeutants using skirts in the treatment of sea lice infestation. <i>Aquaculture</i> , 2011, 319, 459-465.	3.5	7
48	A feeding inhibition based prediction of the toxic effect of dissolved metal mixtures upon <i>Echinogammarus marinus</i> (Crustacea: Amphipoda) at field relevant concentrations across a latitudinal gradient. <i>Journal of Environmental Monitoring</i> , 2011, 13, 3343.	2.1	6
49	What does "beyond compliance" look like for the Scottish salmon aquaculture industry?. <i>Marine Policy</i> , 2019, 109, 103668.	3.2	6
50	GIS Technologies for Sustainable Aquaculture. , 2018, , 290-314.		4
51	Waterbody scale assessment using spatial models to identify suitable locations for cage aquaculture in large lake systems: A case study in Volta Lake, Ghana. <i>Aquaculture Research</i> , 2021, 52, 3854-3870.	1.8	4
52	Managing aquaculture in multi-use freshwater bodies: the case of Jatiluhur reservoir. <i>Environmental Research Letters</i> , 2021, 16, 044022.	5.2	3