

# Michael J Phillips

## List of Publications by Year in descending order

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69  
papers

2,977  
citations

186265

28  
h-index

182427

51  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustaining healthy diets: The role of capture fisheries and aquaculture for improving nutrition in the post-2015 era. <i>Food Policy</i> , 2016, 61, 126-131.	6.0	287
2	Acute toxicity of aluminium to fish eliminated in silicon-rich acid waters. <i>Nature</i> , 1989, 338, 146-148.	27.8	254
3	Meeting the food and nutrition needs of the poor: the role of fish and the opportunities and challenges emerging from the rise of aquaculture. <i>Journal of Fish Biology</i> , 2013, 83, 1067-1084.	1.6	242
4	Mangroves as filters of shrimp pond effluent: predictions and biogeochemical research needs. <i>Hydrobiologia</i> , 1995, 295, 311-321.	2.0	160
5	Prospects and challenges of fish for food security in Africa. <i>Global Food Security</i> , 2019, 20, 17-25.	8.1	139
6	Governance of Global Value Chains in Response to Food Safety and Certification Standards: The Case of Shrimp from Vietnam. <i>World Development</i> , 2013, 45, 325-336.	4.9	133
7	Aquaculture and the environment: the supply of and demand for environmental goods and services by Asian aquaculture and the implications for sustainability. <i>Aquaculture Research</i> , 1997, 28, 797-807.	1.8	85
8	Indonesian aquaculture futures: An analysis of fish supply and demand in Indonesia to 2030 and role of aquaculture using the AsiaFish model. <i>Marine Policy</i> , 2017, 79, 25-32.	3.2	83
9	The toxicity of the cyanobacterium <i>Microcystis aeruginosa</i> to rainbow trout, <i>Salmo gairdneri</i> Richardson. <i>Journal of Fish Diseases</i> , 1985, 8, 339-344.	1.9	79
10	COVID-19 impacts and adaptations in Asia and Africa's aquatic food value chains. <i>Marine Policy</i> , 2021, 129, 104523.	3.2	71
11	Eco-certification of Farmed Seafood: Will it Make a Difference?. <i>Ambio</i> , 2013, 42, 659-674.	5.5	69
12	Aquaculture and the environment: the supply of and demand for environmental goods and services by Asian aquaculture and the implications for sustainability. <i>Aquaculture Research</i> , 1997, 28, 797-807.	1.8	67
13	The environmental impact of salmonid cage culture on inland fisheries: present status and future trends. <i>Journal of Fish Biology</i> , 1985, 27, 123-137.	1.6	66
14	Integrated shrimp-mangrove farming systems in the Mekong delta of Vietnam. <i>Aquaculture Research</i> , 1997, 28, 599-610.	1.8	66
15	Can human nutrition be improved through better fish feeding practices? a review paper. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 3822-3835.	10.3	57
16	Fish supply and demand for food security in Sub-Saharan Africa: An analysis of the Zambian fish sector. <i>Marine Policy</i> , 2019, 99, 343-350.	3.2	54
17	Interventions for improving the productivity and environmental performance of global aquaculture for future food security. <i>One Earth</i> , 2021, 4, 1220-1232.	6.8	54
18	Indonesian aquaculture futures – Evaluating environmental and socioeconomic potentials and limitations. <i>Journal of Cleaner Production</i> , 2017, 162, 1482-1490.	9.3	50

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19	Economic returns of disease-affected extensive shrimp farming in southwest Bangladesh. <i>Aquaculture International</i> , 2007, 15, 363-370.	2.2	49
20	Compound climate risks threaten aquatic food system benefits. <i>Nature Food</i> , 2021, 2, 673-682.	14.0	48
21	Phosphorus leaching from Atlantic salmon diets. <i>Aquacultural Engineering</i> , 1993, 12, 47-54.	3.1	43
22	Compliance of Bangladesh shrimp culture with FAO code of conduct for responsible fisheries: a development challenge. <i>Ocean and Coastal Management</i> , 2005, 48, 177-188.	4.4	38
23	The evolution of aquatic agricultural systems in Southwest Bangladesh in response to salinity and other drivers of change. <i>International Journal of Agricultural Sustainability</i> , 2017, 15, 185-207.	3.5	37
24	The vital roles of blue foods in the global food system. <i>Global Food Security</i> , 2022, 33, 100637.	8.1	37
25	Social Dynamics Shaping the Diffusion of Sustainable Aquaculture Innovations in the Solomon Islands. <i>Sustainability</i> , 2017, 9, 126.	3.2	35
26	Breeding and culture status of Hilsa ( <i>Tenualosa ilisha</i> , Ham. 1822) in South Asia: a review. <i>Reviews in Aquaculture</i> , 2018, 10, 96-110.	9.0	33
27	Asian carp farming systems: towards a typology and increased resource use efficiency. <i>Aquaculture Research</i> , 2002, 33, 403-413.	1.8	32
28	Can the Global Adoption of Genetically Improved Farmed Fish Increase Beyond 10%, and How?. <i>Journal of Marine Science and Engineering</i> , 2015, 3, 240-266.	2.6	31
29	Benchmarking the environmental performance of best management practice and genetic improvements in Egyptian aquaculture using life cycle assessment. <i>Aquaculture</i> , 2017, 468, 53-59.	3.5	31
30	Employment generation in the Egyptian aquaculture value chain: implications for meeting the Sustainable Development Goals (SDGs). <i>Aquaculture</i> , 2020, 520, 734940.	3.5	31
31	Homestead pond polyculture can improve access to nutritious small fish. <i>Food Security</i> , 2017, 9, 785-801.	5.3	30
32	Effect of dietary protein to energy ratio on performance of Nile tilapia and food web enhancement in semi-intensive pond aquaculture. <i>Aquaculture</i> , 2019, 499, 235-242.	3.5	29
33	A review of inclusive business models and their application in aquaculture development. <i>Reviews in Aquaculture</i> , 2020, 12, 1881-1902.	9.0	29
34	The socio-economic context for improving food security through land based aquaculture in Solomon Islands: A peri-urban case study. <i>Marine Policy</i> , 2014, 45, 89-97.	3.2	28
35	Shocks, recovery trajectories and resilience among aquaculture-dependent households in post-tsunami Aceh, Indonesia. <i>Local Environment</i> , 2011, 16, 425-444.	2.4	24
36	Shrimp Farmers in India: Empowering Small-Scale Farmers through a Cluster-Based Approach. , 2010, , 41-66.		24

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37	Population Genomics of an Anadromous Hilsa <i>Shad Tenualosa ilisha</i> Species across Its Diverse Migratory Habitats: Discrimination by Fine-Scale Local Adaptation. <i>Genes</i> , 2020, 11, 46.	2.4	23
38	Profitability and adoption of improved shrimp farming technologies in the aquatic agricultural systems of southwestern Bangladesh. <i>Aquaculture</i> , 2014, 428-429, 61-70.	3.5	22
39	Review of the history, status and prospects of the black tiger shrimp ( <i>Penaeus monodon</i> ) hatchery sector in Bangladesh. <i>Reviews in Aquaculture</i> , 2016, 8, 301-313.	9.0	22
40	Dietary non-starch polysaccharides influenced natural food web and fish production in semi-intensive pond culture of Nile tilapia. <i>Aquaculture</i> , 2020, 528, 735506.	3.5	21
41	Effect of dietary protein to energy ratio, stocking density and feeding level on performance of Nile tilapia in pond aquaculture. <i>Aquaculture</i> , 2019, 511, 634200.	3.5	20
42	Barriers to aquaculture development as a pathway to poverty alleviation and food security. , 2010, , 345-359.		19
43	Investing in carp seed quality improvements in homestead aquaculture: lessons from Bangladesh. <i>Aquaculture</i> , 2016, 453, 19-30.	3.5	18
44	Carpâ€™mola productivity and fish consumption in small-scale homestead aquaculture in Bangladesh. <i>Aquaculture International</i> , 2017, 25, 867-879.	2.2	18
45	Nudging fisheries and aquaculture research towards food systems. <i>Fish and Fisheries</i> , 2022, 23, 34-53.	5.3	18
46	Tropical Mariculture and Coastal Environmental Integrity. , 1998, , 17-69.		17
47	Influence of improved feed quality and food conversion ratios on phosphorus loadings from cage culture of rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum), in freshwater lakes. <i>Aquaculture Research</i> , 1995, 26, 483-495.	1.8	13
48	Vulnerabilities in aquatic animal production. <i>OIE Revue Scientifique Et Technique</i> , 2019, 38, 423-436.	1.2	13
49	Performance of emergent aquaculture technologies in Myanmar; challenges and opportunities. <i>Aquaculture</i> , 2020, 519, 734875.	3.5	12
50	Solid waste production from rainbow trout, <i>Salmo gairdneri</i> Richardson, cage culture. <i>Aquaculture Research</i> , 1985, 16, 55-69.	1.8	11
51	Acid Rain: Implications For The Farming of Salmonids. , 1988, , 225-341.		11
52	Asset or liability? Aquaculture in a natural disaster prone area. <i>Ocean and Coastal Management</i> , 2014, 96, 188-197.	4.4	10
53	Effect of dietary carbohydrate to lipid ratio on performance of Nile tilapia and enhancement of natural food in pond aquaculture. <i>Aquaculture Research</i> , 2020, 51, 1942-1954.	1.8	10
54	Aquatic animal health management: investment opportunities within developing countries. <i>Journal of Applied Ichthyology</i> , 1998, 14, 123-129.	0.7	9

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55	Improving aquaculture in post-tsunami Aceh, Indonesia: experiences and lessons in better management and farmer organizations. <i>Aquaculture Research</i> , 2012, 43, 1787-1803.	1.8	9
56	Increasing productivity and improving livelihoods in aquatic agricultural systems: a review of interventions. <i>Food Security</i> , 2017, 9, 39-60.	5.3	8
57	Morpho-Genetic Divergence and Adaptation of Anadromous Hilsa shad ( <i>Tenualosa ilisha</i> ) Along Their Heterogenic Migratory Habitats. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	8
58	The Forgotten Service. , 2011, , 147-180.		7
59	Improving household tilapia ( <i>Oreochromis mossambicus</i> ) aquaculture through participatory action research. <i>Aquaculture</i> , 2016, 465, 272-286.	3.5	6
60	Environmental Impacts of Salmonid Culture <sup>11</sup> This manuscript was submitted in March 1992 and the delay in publication was beyond the control of the authors. Readers wishing additional current information are referred to Hargrave (1994) for a discussion of modelling benthic impacts and Smith et al. (1994) or Weston (in press) for information on antibacterial usage by the aquaculture industry.. <i>Developments in Aquaculture and Fisheries Science</i> , 1996, , 919-967.	1.3	5
61	Value chain impact of the increased hilsa shad ( <i>Tenualosa ilisha</i> ) harvest in Bangladesh. <i>International Food and Agribusiness Management Review</i> , 2020, 23, 355-368.	1.4	4
62	Is there a difference between the poor and non-poor? A disaggregated demand analysis for fish in Bangladesh. <i>Aquaculture, Economics and Management</i> , 2020, 24, 480-506.	4.2	4
63	Developing Climate Information Services for Aquaculture in Bangladesh: A Decision Framework for Managing Temperature and Rainfall Variability-Induced Risks. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	4
64	Evaluation of Different Aquaculture Feed Ingredients in Indonesia Using Life Cycle Assessment. <i>Indonesian Journal of Life Cycle Assessment and Sustainability</i> , 2017, 1, .	0.0	3
65	Cooperation in aquaculture rehabilitation and development in Aceh, Indonesia. <i>Development in Practice</i> , 2012, 22, 91-97.	1.3	2
66	Does sustainable intensification offer a pathway to improved food security for aquatic agricultural system-dependent communities?. , 2017, , 71-87.		2
67	Synthesis and Lessons Learned. , 2010, , 187-199.		1
68	Aquaculture and Fisheries in the Sundarbans and Adjacent Areas in Bangladesh: Resources, Productivity, Challenges and Opportunities. <i>Coastal Research Library</i> , 2019, , 261-294.	0.4	1
69	Exploring futures of aquatic agricultural systems in Southern Africa. , 2017, , 143-156.		1