Michael F Tlusty

List of Publications by Year
in descending order

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Version: 2024-02-01

83 papers	3,257 citations	196777 29 h-index	190340 53 g-index
92 all docs	92 docs citations	92 times ranked	3497 citing authors

#	Article	IF	Citations
1	Seafood in Food Security: A Call for Bridging the Terrestrial-Aquatic Divide. Frontiers in Sustainable Food Systems, 2022, 5, .	1.8	9
2	Emerging COVID-19 impacts, responses, and lessons for building resilience in the seafood system. Global Food Security, 2021, 28, 100494.	4.0	151
3	Nutrition and origin of US chain restaurant seafood. American Journal of Clinical Nutrition, 2021, 113, 1546-1555.	2.2	8
4	Food-Based Dietary Guidelines for Seafood Do Not Translate into Increased Long-Chain Omega-3 Levels in the Diet for U.S. Consumers. Foods, 2021, 10, 1816.	1.9	1
5	Global Seafood Trade: Insights in Sustainability Messaging and Claims of the Major Producing and Consuming Regions. Sustainability, 2021, 13, 11720.	1.6	3
6	The determination of thiocyanate in the blood plasma and holding water of Amphiprion clarkii after exposure to cyanide. PeerJ, 2021, 9, e12409.	0.9	2
7	Did the movie Finding Dory increase demand for blue tang fish?. Ambio, 2020, 49, 903-911.	2.8	19
8	Aquaculture of marine ornamental fish: overview of the production trends and the role of academia in research progress. Reviews in Aquaculture, 2020, 12, 1217-1230.	4.6	39
9	Optimization of paper-based nanoparticle immunoassays for direct detection of the bacterial pathogen V. parahaemolyticus in oyster hemolymph. Analytical Methods, 2020, 12, 3056-3063.	1.3	9
10	Animal health: the foundation for aquaculture sustainability. , 2020, , 1-15.		1
11	Fish as feed: Using economic allocation to quantify the Fish In : Fish Out ratio of major fed aquaculture species. Aquaculture, 2020, 528, 735474.	1.7	94
12	Improving the productivity-susceptibility analysis to assess data-limited fisheries. Marine Ecology - Progress Series, 2020, 644, 143-156.	0.9	6
13	Illustrating the hidden economic, social and ecological values of global forage fish resources. Resources, Conservation and Recycling, 2019, 151, 104456.	5.3	27
14	An abundance of seafood consumption studies presents new opportunities to evaluate effects on neurocognitive development. Prostaglandins Leukotrienes and Essential Fatty Acids, 2019, 151, 8-13.	1.0	14
15	Reframing the sustainable seafood narrative. Global Environmental Change, 2019, 59, 101991.	3.6	59
16	When pets become pests: the role of the exotic pet trade in producing invasive vertebrate animals. Frontiers in Ecology and the Environment, 2019, 17, 323-330.	1.9	159
17	Ocean acidification alters morphology of all otolith types in Clarkâ€™s anemonefish (Amphiprion) Tj ETQq1 1 0.784314 rgBT /Ove	0.9	18
18	The role of corporate social responsibility in creating a Seussian world of seafood sustainability. Fish and Fisheries, 2018, 19, 782-790.	2.7	47

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19	The rise of aquaculture by-products: Increasing food production, value, and sustainability through strategic utilisation. Marine Policy, 2018, 90, 115-124.	1.5	171
20	Co-Occurrence Mapping of Disparate Data Sets to Assess Potential Aquaculture Sites in the Gulf of Maine. Reviews in Fisheries Science and Aquaculture, 2018, 26, 70-85.	5.1	9
21	Treatment of a laboratory-based model of shell disease in hatchery raised American lobsters (Homarus americanus). Bulletin of Marine Science, 2018, 94, 923-943.	0.4	5
22	Commentary: comparing efficiency in aquatic and terrestrial animal production systems. Environmental Research Letters, 2018, 13, 128001.	2.2	10
23	Macroalgal and Seagrass Diets Alter Epibiotic Bacterial Communities on the Blue CrabCallinectes sapidusand the American LobsterHomarus americanus. Journal of Shellfish Research, 2018, 37, 173-180.	0.3	0
24	Prevalence of alopecia in gray seals Halichoerus grypus atlantica in Massachusetts, USA, 2004-2013. Diseases of Aquatic Organisms, 2018, 131, 167-176.	0.5	1
25	The skin microbiome of cowâ€nose rays (Rhinoptera bonasus) in an aquarium touchâ€tank exhibit. Zoo Biology, 2017, 36, 226-230.	0.5	28
26	ASSESSMENT OF SERUM 25-HYDROXYVITAMIN D CONCENTRATIONS IN TWO COLLECTIONS OF CAPTIVE GORILLAS (GORILLA GORILLA GORILLA). Journal of Zoo and Wildlife Medicine, 2017, 48, 144-151.	0.3	5
27	Marine aquarium trade in India: Challenges and opportunities for conservation and policy. Marine Policy, 2017, 77, 120-129.	1.5	28
28	Claiming seafood is â€˜sustainableâ€™ risks limiting improvements. Fish and Fisheries, 2017, 18, 340-346.	2.7	43
29	Use of Positive Pressure Ventilation in Cold-Stunned Sea Turtles: 29 Cases (2008â€“2014). Journal of Herpetological Medicine and Surgery, 2017, 27, 48.	0.2	5
30	Fight Fungi with Fungi: Antifungal Properties of the Amphibian Mycobiome. Frontiers in Microbiology, 2017, 8, 2494.	1.5	56
31	Fine-scale transition to lower bacterial diversity and altered community composition precedes shell disease in laboratory-reared juvenile American lobster. Diseases of Aquatic Organisms, 2017, 124, 41-54.	0.5	29
32	Expanding our understanding of the trade in marine aquarium animals. PeerJ, 2017, 5, e2949.	0.9	85
33	A transdisciplinary approach to the initial validation of a single cell protein as an alternative protein source for use in aquafeeds. PeerJ, 2017, 5, e3170.	0.9	46
34	Statistical tools to assess the breadth and depth of shrimp aquaculture certification schemes. Fisheries Research, 2016, 182, 172-176.	0.9	15
35	Reviewing <scp>GAA</scp>â€<scp>BAP</scp> shrimp farm data to determine whether certification lessens environmental impacts. Reviews in Aquaculture, 2015, 7, 107-116.	4.6	14
36	The 800-Pound Grouper in the Room: Asymptotic Body Size and Invasiveness of Marine Aquarium Fishes. Marine Policy, 2015, 53, 7-12.	1.5	29

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37	Modeling shell disease in American lobster (Homarus americanus) as individual-based health trajectories. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 808-813.	0.7	4
38	Cuticles of <scp>E</scp>uropean and <scp>A</scp>merican lobsters harbor diverse bacterial species and differ in disease susceptibility. MicrobiologyOpen, 2014, 3, 395-409.	1.2	19
39	A comparison of the structure of American (Homarus americanus) and European (Homarus gammarus) lobster cuticle with particular reference to shell disease susceptibility. Journal of Invertebrate Pathology, 2014, 117, 33-41.	1.5	24
40	Is sustainable exploitation of coral reefs possible? A view from the standpoint of the marine aquarium trade. Current Opinion in Environmental Sustainability, 2014, 7, 101-107.	3.1	66
41	Opportunities for Public Aquariums to Increase the Sustainability of the Aquatic Animal Trade. Zoo Biology, 2013, 32, 1-12.	0.5	64
42	Uncovering an obscure trade: Threatened freshwater fishes and the aquarium pet markets. Biological Conservation, 2013, 164, 158-169.	1.9	119
43	Trophic level links seafood sustainability to human health. Frontiers in Ecology and the Environment, 2013, 11, 121-122.	1.9	3
44	Prevalence, distribution, and progression of radiographic abnormalities in the lungs of cold-stunned Kemp's ridley sea turtles (Lepidochelys kempii): 89 cases (2002â€“2005). Journal of the American Veterinary Medical Association, 2013, 242, 675-681.	0.2	13
45	A comparison of two pHâ€stat carbon dioxide dosing systems for ocean acidification experiments. Limnology and Oceanography: Methods, 2013, 11, 485-494.	1.0	9
46	Lesion bacterial communities in American lobsters with diet-induced shell disease. Diseases of Aquatic Organisms, 2012, 98, 221-233.	0.5	24
47	Exposures ofHomarus americanusShell to Three Bacteria Isolated from Naturally Occurring Epizootic Shell Disease Lesions. Journal of Shellfish Research, 2012, 31, 485-493.	0.3	56
48	Relationship between Temperature and Shell Disease in Laboratory Populations of Juvenile American Lobsters (Homarus americanus). Journal of Shellfish Research, 2012, 31, 533-541.	0.3	37
49	Mass Spectral Charting of Neuropeptidomic Expression in the Stomatogastric Ganglion at Multiple Developmental Stages of the Lobster Homarus americanus. ACS Chemical Neuroscience, 2012, 3, 439-450.	1.7	17
50	Metabolic and respiratory derangements associated with death in cold-stunned Kemp's ridley turtles (Lepidochelys kempii): 32 cases (2005â€“2009). Journal of the American Veterinary Medical Association, 2012, 240, 317-323.	0.2	45
51	Longâ€term trends of coral imports into the United States indicate future opportunities for ecosystem and societal benefits. Conservation Letters, 2012, 5, 478-485.	2.8	61
52	Revealing the Appetite of the Marine Aquarium Fish Trade: The Volume and Biodiversity of Fish Imported into the United States. PLoS ONE, 2012, 7, e35808.	1.1	215
53	Refocusing Seafood Sustainability as a Journey Using the Law of the Minimum. Sustainability, 2012, 4, 2038-2050.	1.6	19
54	Environmental improvement of seafood through certification and ecolabelling: theory and analysis. Fish and Fisheries, 2012, 13, 1-13.	2.7	69

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55	Epizootic shell disease in American lobsters Homarus americanus in southern New England: past, present and future. Diseases of Aquatic Organisms, 2012, 100, 149-158.	0.5	40
56	Limiting Size of Fish Fillets at the Center of the Plate Improves the Sustainability of Aquaculture Production. Sustainability, 2011, 3, 957-964.	1.6	12
57	Health Evaluation of Leatherback Turtles (Dermochelys coriacea) in the Northwestern Atlantic During Direct Capture and Fisheries Gear Disentanglement. Chelonian Conservation and Biology, 2010, 9, 205-222.	0.1	79
58	Isolines as a new tool to assess the energy costs of the production and distribution of multiple sources of seafood. Journal of Cleaner Production, 2009, 17, 408-415.	4.6	29
59	Morphological colour change in the American lobster (Homarus americanus) in response to background colour and UV light. New Zealand Journal of Marine and Freshwater Research, 2009, 43, 247-255.	0.8	20
60	Hematologic and plasma biochemical findings in cold-stunned Kemp's ridley turtles: 176 cases (2001â€“2005). Journal of the American Veterinary Medical Association, 2009, 235, 426-432.	0.2	66
61	Effects of dietary DHA and EPA on neurogenesis, growth, and survival of juvenile American lobster,Homarus americanus. New Zealand Journal of Marine and Freshwater Research, 2009, 43, 225-232.	0.8	10
62	A longâ€term assessment of the physiological effects of herring (Clupea harengus) as a dietary component of the American lobster (Homarus americanus). New Zealand Journal of Marine and Freshwater Research, 2009, 43, 173-183.	0.8	13
63	Crawling to Collapse: Ecologically Unsound Ornamental Invertebrate Fisheries. PLoS ONE, 2009, 4, e8413.	1.1	86
64	Acoustic conditioning for recall/recapture of escaped Atlantic salmon and rainbow trout. Aquaculture, 2008, 274, 57-64.	1.7	28
65	Trace Metal and Organochlorine Pesticide Concentrations in Cold-Stunned Juvenile Kemp's Ridley Turtles (Lepidochelys kempii) from Cape Cod, Massachusetts. Chelonian Conservation and Biology, 2008, 7, 230-239.	0.1	42
66	Microecological Impacts of Global Warming on Crustaceansâ€”Temperature Induced Shifts in the Release of Larvae from American Lobster, Homarus americanus, Females. Journal of Shellfish Research, 2008, 27, 443-448.	0.3	17
67	Short- and long-term dietary effects on disease and mortality in American lobster Homarus americanus. Diseases of Aquatic Organisms, 2008, 78, 249-253.	0.5	24
68	PASSIVE TRANSFER OF MATERNAL ANTIBODIES TO WEST NILE VIRUS IN FLAMINGO CHICKS (PHOENICOPTERUS CHILENSIS AND PHOENICOPTERUS RUBER RUBER). Journal of Zoo and Wildlife Medicine, 2007, 38, 337-340.	0.3	14
69	Omega-3 fatty acids upregulate adult neurogenesis. Neuroscience Letters, 2007, 415, 154-158.	1.0	174
70	HEMATOLOGIC AND PLASMA BIOCHEMICAL ANALYSIS OF JUVENILE HEAD-STARTED NORTHERN RED-BELLIED COOTERS (PSEUDEMYS RUBRIVENTRIS). Journal of Zoo and Wildlife Medicine, 2007, 38, 425-432.	0.3	26
71	Host Susceptibility Hypothesis for Shell Disease in American Lobsters. Journal of Aquatic Animal Health, 2007, 19, 215-225.	0.6	52
72	Metabolic and respiratory status of cold-stunned Kempâ€™s ridley sea turtles (Lepidochelys kempii). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2007, 177, 623-630.	0.7	71

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73	Use of digital colour analysis to assess variation within individual adult American lobsters (Homarus americanus) and the process of addition of colour in white lobsters. New Zealand Journal of Marine and Freshwater Research, 2005, 39, 571-580.	0.8	18
74	Hatchery performance of early benthic juvenile American lobsters (Homarus americanus) fed enriched frozen adult Artemia diets. Aquaculture Nutrition, 2005, 11, 191-198.	1.1	17
75	Organic matter production of American lobsters (Homarus americanus) during impoundment in Maine, United States. New Zealand Journal of Marine and Freshwater Research, 2005, 39, 471-484.	0.8	4
76	Use of commercial Artemia replacement diets in culturing larval American lobsters (Homarus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.7	24
77	Use of formulated diets as replacements for Artemia in the rearing of juvenile American lobsters (Homarus americanus). Aquaculture, 2005, 250, 781-795.	1.7	24
78	Substrate Determinants and Developmental Rate of Claw Asymmetry in American Lobsters, Homarus Americanus. Journal of Crustacean Biology, 2003, 23, 890-896.	0.3	10
79	The benefits and risks of aquacultural production for the aquarium trade. Aquaculture, 2002, 205, 203-219.	1.7	189
80	Groundtmthing Multibeam Bathymetric Surveys of Finfish Aquaculture Sites in the Bay dâ€™Espoir Estuarine Fjord, Newfoundland. Marine Technology Society Journal, 2000, 34, 59-67.	0.3	7
81	The potential for soluble and transport loss of particulate aquaculture wastes. Aquaculture Research, 2000, 31, 745-755.	0.9	27
82	Organic Enrichment at Cold Water Aquaculture Sitesâ€”the Case of Coastal Newfoundland. , 0, , 99-113.		9
83	New England Aquarium: Supporting Environmentally Responsible Seafood Choices. , 0, , 322-339.		1