

Michael F Tlusty

List of Publications by Year in descending order

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83
papers

3,257
citations

172457

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168389

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92
all docs

92
docs citations

92
times ranked

3193
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.5	215
2	The benefits and risks of aquacultural production for the aquarium trade. Aquaculture, 2002, 205, 203-219.	3.5	189
3	Omega-3 fatty acids upregulate adult neurogenesis. Neuroscience Letters, 2007, 415, 154-158.	2.1	174
4	The rise of aquaculture by-products: Increasing food production, value, and sustainability through strategic utilisation. Marine Policy, 2018, 90, 115-124.	3.2	171
5	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.	4.0	159
6	Emerging COVID-19 impacts, responses, and lessons for building resilience in the seafood system. Global Food Security, 2021, 28, 100494.	8.1	151
7	Uncovering an obscure trade: Threatened freshwater fishes and the aquarium pet markets. Biological Conservation, 2013, 164, 158-169.	4.1	119
8	Fish as feed: Using economic allocation to quantify the Fish In : Fish Out ratio of major fed aquaculture species. Aquaculture, 2020, 528, 735474.	3.5	94
9	Crawling to Collapse: Ecologically Unsound Ornamental Invertebrate Fisheries. PLoS ONE, 2009, 4, e8413.	2.5	86
10	Expanding our understanding of the trade in marine aquarium animals. PeerJ, 2017, 5, e2949.	2.0	85
11	Health Evaluation of Leatherback Turtles (<i>Dermochelys coriacea</i>) in the Northwestern Atlantic During Direct Capture and Fisheries Gear Disentanglement. Chelonian Conservation and Biology, 2010, 9, 205-222.	0.6	79
12	Metabolic and respiratory status of cold-stunned Kemp's ridley sea turtles (<i>Lepidochelys kempii</i>). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2007, 177, 623-630.	1.5	71
13	Environmental improvement of seafood through certification and ecolabelling: theory and analysis. Fish and Fisheries, 2012, 13, 1-13.	5.3	69
14	Hematologic and plasma biochemical findings in cold-stunned Kemp's ridley turtles: 176 cases (2001-2005). Journal of the American Veterinary Medical Association, 2009, 235, 426-432.	0.5	66
15	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.	6.3	66
16	Opportunities for Public Aquariums to Increase the Sustainability of the Aquatic Animal Trade. Zoo Biology, 2013, 32, 1-12.	1.2	64
17	Long-term trends of coral imports into the United States indicate future opportunities for ecosystem and societal benefits. Conservation Letters, 2012, 5, 478-485.	5.7	61
18	Reframing the sustainable seafood narrative. Global Environmental Change, 2019, 59, 101991.	7.8	59

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19	Exposures of <i>Homarus americanus</i> Shell to Three Bacteria Isolated from Naturally Occurring Epizootic Shell Disease Lesions. <i>Journal of Shellfish Research</i> , 2012, 31, 485-493.	0.9	56
20	Fight Fungi with Fungi: Antifungal Properties of the Amphibian Mycobiome. <i>Frontiers in Microbiology</i> , 2017, 8, 2494.	3.5	56
21	Host Susceptibility Hypothesis for Shell Disease in American Lobsters. <i>Journal of Aquatic Animal Health</i> , 2007, 19, 215-225.	1.4	52
22	The role of corporate social responsibility in creating a Seussian world of seafood sustainability. <i>Fish and Fisheries</i> , 2018, 19, 782-790.	5.3	47
23	A transdisciplinary approach to the initial validation of a single cell protein as an alternative protein source for use in aquafeeds. <i>PeerJ</i> , 2017, 5, e3170.	2.0	46
24	Metabolic and respiratory derangements associated with death in cold-stunned Kemp's ridley turtles (<i>Lepidochelys kempii</i>): 32 cases (2005-2009). <i>Journal of the American Veterinary Medical Association</i> , 2012, 240, 317-323.	0.5	45
25	Claiming seafood is "sustainable" risks limiting improvements. <i>Fish and Fisheries</i> , 2017, 18, 340-346.	5.3	43
26	Trace Metal and Organochlorine Pesticide Concentrations in Cold-Stunned Juvenile Kemp's Ridley Turtles (<i>Lepidochelys kempii</i>) from Cape Cod, Massachusetts. <i>Chelonian Conservation and Biology</i> , 2008, 7, 230-239.	0.6	42
27	Epizootic shell disease in American lobsters <i>Homarus americanus</i> in southern New England: past, present and future. <i>Diseases of Aquatic Organisms</i> , 2012, 100, 149-158.	1.0	40
28	Aquaculture of marine ornamental fish: overview of the production trends and the role of academia in research progress. <i>Reviews in Aquaculture</i> , 2020, 12, 1217-1230.	9.0	39
29	Relationship between Temperature and Shell Disease in Laboratory Populations of Juvenile American Lobsters (<i>Homarus americanus</i>). <i>Journal of Shellfish Research</i> , 2012, 31, 533-541.	0.9	37
30	Isolines as a new tool to assess the energy costs of the production and distribution of multiple sources of seafood. <i>Journal of Cleaner Production</i> , 2009, 17, 408-415.	9.3	29
31	The 800-Pound Grouper in the Room: Asymptotic Body Size and Invasiveness of Marine Aquarium Fishes. <i>Marine Policy</i> , 2015, 53, 7-12.	3.2	29
32	Fine-scale transition to lower bacterial diversity and altered community composition precedes shell disease in laboratory-reared juvenile American lobster. <i>Diseases of Aquatic Organisms</i> , 2017, 124, 41-54.	1.0	29
33	Acoustic conditioning for recall/recapture of escaped Atlantic salmon and rainbow trout. <i>Aquaculture</i> , 2008, 274, 57-64.	3.5	28
34	The skin microbiome of cow-nose rays (<i>Rhinoptera bonasus</i>) in an aquarium touch-tank exhibit. <i>Zoo Biology</i> , 2017, 36, 226-230.	1.2	28
35	Marine aquarium trade in India: Challenges and opportunities for conservation and policy. <i>Marine Policy</i> , 2017, 77, 120-129.	3.2	28
36	The potential for soluble and transport loss of particulate aquaculture wastes. <i>Aquaculture Research</i> , 2000, 31, 745-755.	1.8	27

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37	Illustrating the hidden economic, social and ecological values of global forage fish resources. Resources, Conservation and Recycling, 2019, 151, 104456.	10.8	27
38	HEMATOLOGIC AND PLASMA BIOCHEMICAL ANALYSIS OF JUVENILE HEAD-STARTED NORTHERN RED-BELLIED COOTERS (PSEUDEMYRS RUBRIVENTRIS). Journal of Zoo and Wildlife Medicine, 2007, 38, 425-432.	0.6	26
39	Use of commercial Artemia replacement diets in culturing larval American lobsters (Homarus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.5	24
40	Use of formulated diets as replacements for Artemia in the rearing of juvenile American lobsters (Homarus americanus). Aquaculture, 2005, 250, 781-795.	3.5	24
41	Lesion bacterial communities in American lobsters with diet-induced shell disease. Diseases of Aquatic Organisms, 2012, 98, 221-233.	1.0	24
42	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.	3.2	24
43	Short- and long-term dietary effects on disease and mortality in American lobster Homarus americanus. Diseases of Aquatic Organisms, 2008, 78, 249-253.	1.0	24
44	Morphological colour change in the American lobster (<i>Homarus americanus</i>) in response to background colour and UV light. New Zealand Journal of Marine and Freshwater Research, 2009, 43, 247-255.	2.0	20
45	Refocusing Seafood Sustainability as a Journey Using the Law of the Minimum. Sustainability, 2012, 4, 2038-2050.	3.2	19
46	Cuticles of <sc>E</sc>uropean and <sc>A</sc>merican lobsters harbor diverse bacterial species and differ in disease susceptibility. MicrobiologyOpen, 2014, 3, 395-409.	3.0	19
47	Did the movie Finding Dory increase demand for blue tang fish?. Ambio, 2020, 49, 903-911.	5.5	19
48	Use of digital colour analysis to assess variation within individual adult American lobsters (<i>Homarus americanus</i>) and the process of addition of colour in white lobsters. New Zealand Journal of Marine and Freshwater Research, 2005, 39, 571-580.	2.0	18
49	Ocean acidification alters morphology of all otolith types in Clark&TM's anemonefish (<i>Amphiprion) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	18
50	Hatchery performance of early benthic juvenile American lobsters (Homarus americanus) fed enriched frozen adult Artemia diets. Aquaculture Nutrition, 2005, 11, 191-198.	2.7	17
51	Microecological Impacts of Global Warming on Crustaceans"Temperature Induced Shifts in the Release of Larvae from American Lobster, Homarus americanus, Females. Journal of Shellfish Research, 2008, 27, 443-448.	0.9	17
52	Mass Spectral Charting of Neuropeptidomic Expression in the Stomatogastric Ganglion at Multiple Developmental Stages of the Lobster <i>Homarus americanus</i>. ACS Chemical Neuroscience, 2012, 3, 439-450.	3.5	17
53	Statistical tools to assess the breadth and depth of shrimp aquaculture certification schemes. Fisheries Research, 2016, 182, 172-176.	1.7	15
54	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.	0.6	14

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55	Reviewing <sc>GAA</sc>â€<sc>BAP</sc> shrimp farm data to determine whether certification lessens environmental impacts. <i>Reviews in Aquaculture</i> , 2015, 7, 107-116.	9.0	14
56	An abundance of seafood consumption studies presents new opportunities to evaluate effects on neurocognitive development. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019, 151, 8-13.	2.2	14
57	A long-term assessment of the physiological effects of herring (<i>Clupea harengus</i>) as a dietary component of the American lobster (<i>Homarus americanus</i>). <i>New Zealand Journal of Marine and Freshwater Research</i> , 2009, 43, 173-183.	2.0	13
58	Prevalence, distribution, and progression of radiographic abnormalities in the lungs of cold-stunned Kemp's ridley sea turtles (<i>Lepidochelys kempii</i>): 89 cases (2002â€2005). <i>Journal of the American Veterinary Medical Association</i> , 2013, 242, 675-681.	0.5	13
59	Limiting Size of Fish Fillets at the Center of the Plate Improves the Sustainability of Aquaculture Production. <i>Sustainability</i> , 2011, 3, 957-964.	3.2	12
60	Substrate Determinants and Developmental Rate of Claw Asymmetry in American Lobsters, <i>Homarus Americanus</i> . <i>Journal of Crustacean Biology</i> , 2003, 23, 890-896.	0.8	10
61	Effects of dietary DHA and EPA on neurogenesis, growth, and survival of juvenile American lobster, <i>Homarus americanus</i> . <i>New Zealand Journal of Marine and Freshwater Research</i> , 2009, 43, 225-232.	2.0	10
62	Commentary: comparing efficiency in aquatic and terrestrial animal production systems. <i>Environmental Research Letters</i> , 2018, 13, 128001.	5.2	10
63	Organic Enrichment at Cold Water Aquaculture Sitesâ€”the Case of Coastal Newfoundland. , 0, , 99-113.		9
64	A comparison of two pH-stat carbon dioxide dosing systems for ocean acidification experiments. <i>Limnology and Oceanography: Methods</i> , 2013, 11, 485-494.	2.0	9
65	Co-Occurrence Mapping of Disparate Data Sets to Assess Potential Aquaculture Sites in the Gulf of Maine. <i>Reviews in Fisheries Science and Aquaculture</i> , 2018, 26, 70-85.	9.1	9
66	Optimization of paper-based nanoparticle immunoassays for direct detection of the bacterial pathogen <i>V. parahaemolyticus</i> in oyster hemolymph. <i>Analytical Methods</i> , 2020, 12, 3056-3063.	2.7	9
67	Seafood in Food Security: A Call for Bridging the Terrestrial-Aquatic Divide. <i>Frontiers in Sustainable Food Systems</i> , 2022, 5, .	3.9	9
68	Nutrition and origin of US chain restaurant seafood. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1546-1555.	4.7	8
69	Groundtmthing Multibeam Bathymetric Surveys of Finfish Aquaculture Sites in the Bay dâ€™Espoir Estuarine Fjord, Newfoundland. <i>Marine Technology Society Journal</i> , 2000, 34, 59-67.	0.4	7
70	Improving the productivity-susceptibility analysis to assess data-limited fisheries. <i>Marine Ecology - Progress Series</i> , 2020, 644, 143-156.	1.9	6
71	ASSESSMENT OF SERUM 25-HYDROXYVITAMIN D CONCENTRATIONS IN TWO COLLECTIONS OF CAPTIVE GORILLAS (<i>GORILLA GORILLA GORILLA</i>). <i>Journal of Zoo and Wildlife Medicine</i> , 2017, 48, 144-151.	0.6	5
72	Use of Positive Pressure Ventilation in Cold-Stunned Sea Turtles: 29 Cases (2008â€2014). <i>Journal of Herpetological Medicine and Surgery</i> , 2017, 27, 48.	0.4	5

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73	Treatment of a laboratory-based model of shell disease in hatchery raised American lobsters (<i>Homarus americanus</i>). Bulletin of Marine Science, 2018, 94, 923-943.	0.8	5
74	Organic matter production of American lobsters (<i>Homarus americanus</i>) during impoundment in Maine, United States. New Zealand Journal of Marine and Freshwater Research, 2005, 39, 471-484.	2.0	4
75	Modeling shell disease in American lobster (<i>Homarus americanus</i>) as individual-based health trajectories. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 808-813.	1.4	4
76	Trophic level links seafood sustainability to human health. Frontiers in Ecology and the Environment, 2013, 11, 121-122.	4.0	3
77	Global Seafood Trade: Insights in Sustainability Messaging and Claims of the Major Producing and Consuming Regions. Sustainability, 2021, 13, 11720.	3.2	3
78	The determination of thiocyanate in the blood plasma and holding water of <i>Amphiprion clarkii</i> after exposure to cyanide. PeerJ, 2021, 9, e12409.	2.0	2
79	Animal health: the foundation for aquaculture sustainability. , 2020, , 1-15.		1
80	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.	4.3	1
81	New England Aquarium: Supporting Environmentally Responsible Seafood Choices. , 0, , 322-339.		1
82	Prevalence of alopecia in gray seals <i>Halichoerus grypus atlantica</i> in Massachusetts, USA, 2004-2013. Diseases of Aquatic Organisms, 2018, 131, 167-176.	1.0	1
83	Macroalgal and Seagrass Diets Alter Epibiotic Bacterial Communities on the Blue Crab <i>Callinectes sapidus</i> and the American Lobster <i>Homarus americanus</i> . Journal of Shellfish Research, 2018, 37, 173-180.	0.9	0