

Martin T Tinker

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

5,057
citations

126708

33
h-index

133063

59
g-index

95
all docs

95
docs citations

95
times ranked

5429
citing authors

#	ARTICLE	IF	CITATIONS
1	Seabird meta-Population Viability Model (mPVA) methods. <i>MethodsX</i> , 2022, 9, 101599.	0.7	3
2	INVESTIGATING ASSOCIATIONS AMONG RELATEDNESS, GENETIC DIVERSITY, AND CAUSES OF MORTALITY IN SOUTHERN SEA OTTERS (<i>ENHYDRA LUTRIS NEREIS</i>). <i>Journal of Wildlife Diseases</i> , 2022, 58, .	0.3	0
3	Characterizing the oral and distal gut microbiota of the threatened southern sea otter (<i>Enhydra</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.9	7
4	Southeast Alaskan kelp forests: inferences of process from large-scale patterns of variation in space and time. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20211697.	1.2	4
5	Status, trends, and equilibrium abundance estimates of the translocated sea otter population in Washington State. <i>Journal of Wildlife Management</i> , 2022, 86, .	0.7	2
6	Alternations in the foraging behaviour of a primary consumer drive patch transition dynamics in a temperate rocky reef ecosystem. <i>Ecology Letters</i> , 2022, 25, 1827-1838.	3.0	8
7	Surrogate rearing a keystone species to enhance population and ecosystem restoration. <i>Oryx</i> , 2021, 55, 535-545.	0.5	20
8	Habitat Features Predict Carrying Capacity of a Recovering Marine Carnivore. <i>Journal of Wildlife Management</i> , 2021, 85, 303-323.	0.7	14
9	Behavioral responses across a mosaic of ecosystem states restructure a sea otterâ€™urchin trophic cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	46
10	Clinical Signs and Pathology Associated With Domoic Acid Toxicosis in Southern Sea Otters (<i>Enhydra</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	11
11	Translocations maintain genetic diversity and increase connectivity in sea otters, <i>Enhydra lutris</i> . <i>Marine Mammal Science</i> , 2021, 37, 1475-1497.	0.9	3
12	Sea otter population collapse in southwest Alaska: assessing ecological covariates, consequences, and causal factors. <i>Ecological Monographs</i> , 2021, 91, e01472.	2.4	13
13	Exposure to domoic acid is an ecological driver of cardiac disease in southern sea ottersâ€™. <i>Harmful Algae</i> , 2021, 101, 101973.	2.2	20
14	Physical disturbance by recovering sea otter populations increases eelgrass genetic diversity. <i>Science</i> , 2021, 374, 333-336.	6.0	12
15	Predators, Disease, and Environmental Change in the Nearshore Ecosystem: Mortality in Southern Sea Otters (<i>Enhydra lutris nereis</i>) From 1998â€™2012. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	25
16	Robust age estimation of southern sea otters from multiple morphometrics. <i>Ecology and Evolution</i> , 2020, 10, 8592-8609.	0.8	11
17	Keystone predators govern the pathway and pace of climate impacts in a subarctic marine ecosystem. <i>Science</i> , 2020, 369, 1351-1354.	6.0	43
18	Spatial epidemiological patterns suggest mechanisms of land-sea transmission for <i>Sarcocystis neurona</i> in a coastal marine mammal. <i>Scientific Reports</i> , 2020, 10, 3683.	1.6	9

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19	Reductions in the dietary niche of southern sea otters (<i>Enhydra lutris nereis</i>) from the Holocene to the Anthropocene. <i>Ecology and Evolution</i> , 2020, 10, 3318-3329.	0.8	10
20	Characterizing the impact of recovering sea otters on commercially important crabs in California estuaries. <i>Marine Ecology - Progress Series</i> , 2020, 655, 123-137.	0.9	3
21	Trends and Carrying Capacity of Sea Otters in Southeast Alaska. <i>Journal of Wildlife Management</i> , 2019, 83, 1073-1089.	0.7	29
22	Location-specific factors influence patterns and effects of subsistence sea otter harvest in Southeast Alaska. <i>Ecosphere</i> , 2019, 10, e02874.	1.0	7
23	Aquatic Adaptation and Depleted Diversity: A Deep Dive into the Genomes of the Sea Otter and Giant Otter. <i>Molecular Biology and Evolution</i> , 2019, 36, 2631-2655.	3.5	48
24	Sex and occupation time influence niche space of a recovering keystone predator. <i>Ecology and Evolution</i> , 2019, 9, 3321-3334.	0.8	14
25	Wild sea otter mussel pounding leaves archaeological traces. <i>Scientific Reports</i> , 2019, 9, 4417.	1.6	8
26	Influence of occupation history and habitat on Washington sea otter diet. <i>Marine Mammal Science</i> , 2019, 35, 1369-1395.	0.9	11
27	Species recovery and recolonization of past habitats: lessons for science and conservation from sea otters in estuaries. <i>PeerJ</i> , 2019, 7, e8100.	0.9	16
28	Gaps in kelp cover may threaten the recovery of California sea otters. <i>Ecography</i> , 2018, 41, 1751-1762.	2.1	20
29	Ecosystem features determine seagrass community response to sea otter foraging. <i>Marine Pollution Bulletin</i> , 2018, 134, 134-144.	2.3	19
30	Lactation and resource limitation affect stress responses, thyroid hormones, immune function, and antioxidant capacity of sea otters (<i>Enhydra lutris</i>). <i>Ecology and Evolution</i> , 2018, 8, 8433-8447.	0.8	12
31	Active touch in sea otters: in-air and underwater texture discrimination thresholds and behavioral strategies for paws and vibrissae. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	15
32	Sudden collapse of a mesopredator reveals its complementary role in mediating rocky reef regime shifts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180553.	1.2	79
33	Are the ghosts of nature's past haunting ecology today?. <i>Current Biology</i> , 2018, 28, R532-R537.	1.8	43
34	Defining the risk landscape in the context of pathogen pollution: <i>Toxoplasma gondii</i> in sea otters along the Pacific Rim. <i>Royal Society Open Science</i> , 2018, 5, 171178.	1.1	19
35	Stability and Change in Kelp Forest Habitats at San Nicolas Island. <i>Western North American Naturalist</i> , 2018, 78, 633.	0.2	9
36	Mitogenomes and relatedness do not predict frequency of tool-use by sea otters. <i>Biology Letters</i> , 2017, 13, 20160880.	1.0	7

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37	Asynchrony in craniomandibular development and growth in <i>Enhydra lutris nereis</i> (Carnivora: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 420-438.	0.7	9
38	Food abundance, prey morphology, and diet specialization influence individual sea otter tool use. Behavioral Ecology, 2017, 28, 1206-1216.	1.0	15
39	Predicting animal homeâ€range structure and transitions using a multistate Ornsteinâ€Uhlenbeck biased random walk. Ecology, 2017, 98, 32-47.	1.5	36
40	Concentration and retention of <i>Toxoplasma gondii</i> surrogates from seawater by red abalone (<i>Haliotis rufescens</i>). Parasitology, 2016, 143, 1703-1712.	0.7	12
41	THE HIGH COST OF MOTHERHOOD: END-LACTATION SYNDROME IN SOUTHERN SEA OTTERS (ENHYDRA) Tj ETQq1 1 0.784314 rgBT 0 0.3 23	0.3	23
42	Dramatic increase in sea otter mortality from white sharks in California. Marine Mammal Science, 2016, 32, 309-326.	0.9	64
43	Trade-offs between energy maximization and parental care in a central place forager, the sea otter. Behavioral Ecology, 2016, 27, 1552-1566.	1.0	30
44	Permissible Home Range Estimation (PHRE) in Restricted Habitats: A New Algorithm and an Evaluation for Sea Otters. PLoS ONE, 2016, 11, e0150547.	1.1	36
45	Concentration and retention of <i>Toxoplasma gondii</i> oocysts by marine snails demonstrate a novel mechanism for transmission of terrestrial zoonotic pathogens in coastal ecosystems. Environmental Microbiology, 2015, 17, 4527-4537.	1.8	21
46	Effects of wildfire on sea otter (<i>Enhydra lutris</i>) gene transcript profiles. Marine Mammal Science, 2015, 31, 191-210.	0.9	16
47	The Use of Quantitative Models in Sea Otter Conservation. , 2015, , 257-300.		16
48	Ecological drivers of variation in tool-use frequency across sea otter populations. Behavioral Ecology, 2015, 26, 519-526.	1.0	43
49	The interaction of intraspecific competition and habitat on individual diet specialization: a near range-wide examination of sea otters. Oecologia, 2015, 178, 45-59.	0.9	77
50	Timescales alter the inferred strength and temporal consistency of intraspecific diet specialization. Oecologia, 2015, 178, 61-74.	0.9	38
51	The cost of reproduction: differential resource specialization in female and male California sea otters. Oecologia, 2015, 178, 17-29.	0.9	34
52	Testing the nutritional-limitation, predator-avoidance, and storm-avoidance hypotheses for restricted sea otter habitat use in the Aleutian Islands, Alaska. Oecologia, 2015, 177, 645-655.	0.9	9
53	Evaluating potential conservation conflicts between two listed species: sea otters and black abalone. Ecology, 2015, 96, 3102-3108.	1.5	16
54	Energetic demands of immature sea otters from birth to weaning: implications for maternal costs, reproductive behavior and population-level trends. Journal of Experimental Biology, 2014, 217, 2053-2061.	0.8	62

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55	Sea otters are recolonizing southern California in fits and starts. <i>Ecosphere</i> , 2014, 5, 1-11.	1.0	31
56	An Online Database for Informing Ecological Network Models: http://kelpforest.ucsc.edu . <i>PLoS ONE</i> , 2014, 9, e109356.	1.1	17
57	A multi-decade time series of kelp forest community structure at San Nicolas Island, California (USA). <i>Ecology</i> , 2013, 94, 2654-2654.	1.5	18
58	Recovery of a top predator mediates negative eutrophic effects on seagrass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15313-15318.	3.3	146
59	Prevalence, Environmental Loading, and Molecular Characterization of <i>Cryptosporidium</i> and <i>Giardia</i> Isolates from Domestic and Wild Animals along the Central California Coast. <i>Applied and Environmental Microbiology</i> , 2012, 78, 8762-8772.	1.4	50
60	Gene transcription in sea otters (<i>Enhydra lutris</i>); development of a diagnostic tool for sea otter and ecosystem health. <i>Molecular Ecology Resources</i> , 2012, 12, 67-74.	2.2	39
61	Tools for quantifying isotopic niche space and dietary variation at the individual and population level. <i>Journal of Mammalogy</i> , 2012, 93, 329-341.	0.6	144
62	Structure and mechanism of diet specialisation: testing models of individual variation in resource use with sea otters. <i>Ecology Letters</i> , 2012, 15, 475-483.	3.0	146
63	Ontogenetic and Among-Individual Variation in Foraging Strategies of Northeast Pacific White Sharks Based on Stable Isotope Analysis. <i>PLoS ONE</i> , 2012, 7, e45068.	1.1	104
64	Predicting community responses to perturbations in the face of imperfect knowledge and network complexity. <i>Ecology</i> , 2011, 92, 836-846.	1.5	96
65	Sea otter mortality in fish and shellfish traps: estimating potential impacts and exploring possible solutions. <i>Endangered Species Research</i> , 2011, 13, 219-229.	1.2	21
66	Using Ecological Function to Develop Recovery Criteria for Depleted Species: Sea Otters and Kelp Forests in the Aleutian Archipelago. <i>Conservation Biology</i> , 2010, 24, 852-860.	2.4	59
67	Lesions and Behavior Associated with Forced Copulation of Juvenile Pacific Harbor Seals (<i>Phoca vitulina richardsi</i>) by Southern Sea Otters (<i>Enhydra lutris</i>)	0.7	10
68	PERSISTENT ORGANIC POLLUTANTS IN THE BLOOD OF FREE-RANGING SEA OTTERS (ENHYDRA LUTRIS SSP.) IN ALASKA AND CALIFORNIA. <i>Journal of Wildlife Diseases</i> , 2010, 46, 1214-1233.	0.3	13
69	Variation in $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ diet-vibrissae trophic discrimination factors in a wild population of California sea otters. <i>Ecological Applications</i> , 2010, 20, 1744-1752.	1.8	87
70	Evidence for a Novel Marine Harmful Algal Bloom: Cyanotoxin (Microcystin) Transfer from Land to Sea Otters. <i>PLoS ONE</i> , 2010, 5, e12576.	1.1	321
71	Prey choice and habitat use drive sea otter pathogen exposure in a resource-limited coastal system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2242-2247.	3.3	120
72	Using stable isotopes to investigate individual diet specialization in California sea otters (<i>Enhydra</i>)	1.5	262

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73	Food limitation leads to behavioral diversification and dietary specialization in sea otters. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 560-565.	3.3	318
74	UNDERSTANDING AND PREDICTING ECOLOGICAL DYNAMICS: ARE MAJOR SURPRISES INEVITABLE. Ecology, 2008, 89, 952-961.	1.5	222
75	USING DEMOGRAPHY AND MOVEMENT BEHAVIOR TO PREDICT RANGE EXPANSION OF THE SOUTHERN SEA OTTER. Ecological Applications, 2008, 18, 1781-1794.	1.8	65
76	High mortality of loggerhead turtles due to bycatch, human consumption and strandings at Baja California Sur, Mexico, 2003 to 2007. Endangered Species Research, 2008, 5, 171-183.	1.2	74
77	Sea otters in a dirty ocean. Journal of the American Veterinary Medical Association, 2007, 231, 1648-1652.	0.2	36
78	Individual dietary specialization and dive behaviour in the California sea otter: Using archival timeâ€‘depth data to detect alternative foraging strategies. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 330-342.	0.6	94
79	INCORPORATING DIVERSE DATA AND REALISTIC COMPLEXITY INTO DEMOGRAPHIC ESTIMATION PROCEDURES FOR SEA OTTERS. , 2006, 16, 2293-2312.		60
80	Patterns of growth and body condition in sea otters from the Aleutian archipelago before and after the recent population decline. Journal of Animal Ecology, 2006, 75, 978-989.	1.3	42
81	INCORPORATING DIVERSE DATA AND REALISTIC COMPLEXITY INTO DEMOGRAPHIC ESTIMATION PROCEDURES FOR SEA OTTERS. , 2006, 16, 2293.		1
82	CONTINUING SEA OTTER POPULATION DECLINES IN THE ALEUTIAN ARCHIPELAGO. Marine Mammal Science, 2005, 21, 169-172.	0.9	35
83	MORTALITY SENSITIVITY IN LIFE-STAGE SIMULATION ANALYSIS: A CASE STUDY OF SOUTHERN SEA OTTERS. , 2004, 14, 1554-1565.		39
84	Carrying Capacity and Pre-Decline Abundance of Sea Otters (<i>Enhydra lutris kenyoni</i>) in the Aleutian Islands. , 2003, 84, 145.		13
85	SEA OTTER POPULATION DECLINES IN THE ALEUTIAN ARCHIPELAGO. Journal of Mammalogy, 2003, 84, 55-64.	0.6	110
86	ATTACKS ON SEA OTTERS BY KILLER WHALES. Marine Mammal Science, 1998, 14, 888-894.	0.9	37
87	Killer Whale Predation on Sea Otters Linking Oceanic and Nearshore Ecosystems. , 1998, 282, 473-476.		967
88	The reproductive behavior and energetics of male gray seals (<i>Halichoerus grypus</i>) breeding on a land-fast ice substrate. Behavioral Ecology and Sociobiology, 1995, 36, 159-170.	0.6	7