

Michael L Casazza

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

2,006
citations

279798

23
h-index

330143

37
g-index

138
all docs

138
docs citations

138
times ranked

1791
citing authors

#	ARTICLE	IF	CITATIONS
1	Megafires and thick smoke portend big problems for migratory birds. <i>Ecology</i> , 2022, 103, e03552.	3.2	13
2	Pathways for avian influenza virus spread: GPS reveals wild waterfowl in commercial livestock facilities and connectivity with the natural wetland landscape. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2898-2912.	3.0	12
3	To Catch A (Marsh) Predator: Modified Trapping Methods For Breeding and Wintering Northern Harriers (<i>Circus hudsonius</i>). <i>Journal of Raptor Research</i> , 2022, , .	0.6	1
4	Functional Wetland Loss Drives Emerging Risks to Waterbird Migration Networks. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	11
5	Invasion of annual grasses following wildfire corresponds to maladaptive habitat selection by a sagebrush ecosystem indicator species. <i>Global Ecology and Conservation</i> , 2022, , e02147.	2.1	5
6	Machine learned daily life history classification using low frequency tracking data and automated modelling pipelines: application to North American waterfowl. <i>Movement Ecology</i> , 2022, 10, 23.	2.8	1
7	Mercury exposure in mammalian mesopredators inhabiting a brackish marsh. <i>Environmental Pollution</i> , 2021, 273, 115808.	7.5	7
8	Seasonal impoundment alters patterns of tidal wetland plant diversity across spatial scales. <i>Ecosphere</i> , 2021, 12, e03366.	2.2	9
9	Interrupted incubation: How dabbling ducks respond when flushed from the nest. <i>Ecology and Evolution</i> , 2021, 11, 2862-2872.	1.9	2
10	Nocturnal incubation recess and flushing behavior by duck hens. <i>Ecology and Evolution</i> , 2021, 11, 7292-7301.	1.9	3
11	A tale of two valleys: endangered species policy and the fate of the giant gartersnake. <i>California Fish and Wildlife Journal</i> , 2021, , 264-283.	0.6	1
12	Waterfowl use of wetland habitats informs wetland restoration designs for multi-species benefits. <i>Journal of Applied Ecology</i> , 2021, 58, 1910-1920.	4.0	15
13	Wetland Availability and Salinity Concentrations for Breeding Waterfowl in Suisun Marsh, California. <i>San Francisco Estuary and Watershed Science</i> , 2021, 19, .	0.4	2
14	Migration stopover ecology of Cinnamon Teal in western North America. <i>Ecology and Evolution</i> , 2021, 11, 14056-14069.	1.9	5
15	Informing wetland management with waterfowl movement and sanctuary use responses to human-induced disturbance. <i>Journal of Environmental Management</i> , 2021, 297, 113170.	7.8	11
16	A customized framework for regional classification of conifers using automated feature extraction. <i>MethodsX</i> , 2021, 8, 101379.	1.6	0
17	Host Correlates of Avian Influenza Virus Infection in Wild Waterfowl of the Sacramento Valley, California. <i>Avian Diseases</i> , 2021, 66, .	1.0	3
18	Gambel's Quail Survey Variability and Implications for Survey Design in the Mojave Desert. <i>Wildlife Society Bulletin</i> , 2020, 44, 493-501.	0.8	0

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19	Ecological insights from three decades of animal movement tracking across a changing Arctic. <i>Science</i> , 2020, 370, 712-715.	12.6	75
20	Good prospects: high-resolution telemetry data suggests novel brood site selection behaviour in waterfowl. <i>Animal Behaviour</i> , 2020, 164, 163-172.	1.9	13
21	Timing, frequency, and duration of incubation recesses in dabbling ducks. <i>Ecology and Evolution</i> , 2020, 10, 2513-2529.	1.9	12
22	Spatially explicit models of seasonal habitat for greater sage-grouse at broad spatial scales: Informing areas for management in Nevada and northeastern California. <i>Ecology and Evolution</i> , 2020, 10, 104-118.	1.9	17
23	Giant Gartersnakes (<i>Thamnophis gigas</i>) Exploit Abundant Nonnative Prey While Maintaining Their Appetite for Native Anurans. <i>Herpetologica</i> , 2020, 76, 290.	0.4	3
24	Intrinsic Prey Preference and Selection of the Giant Gartersnake: A Threatened Predator in a Nonnative Prey-Dominated Community. <i>Journal of Fish and Wildlife Management</i> , 2020, 11, 164-173.	0.9	3
25	LIMITED DETECTION OF ANTIBODIES TO CLADE 2.3.4.4 A/GOOSE/GUANGDONG/1/1996 LINEAGE HIGHLY PATHOGENIC H5 AVIAN INFLUENZA VIRUS IN NORTH AMERICAN WATERFOWL. <i>Journal of Wildlife Diseases</i> , 2020, 56, 47.	0.8	6
26	LIMITED DETECTION OF ANTIBODIES TO CLADE 2.3.4.4 A/GOOSE/GUANGDONG/1/1996 LINEAGE HIGHLY PATHOGENIC H5 AVIAN INFLUENZA VIRUS IN NORTH AMERICAN WATERFOWL. <i>Journal of Wildlife Diseases</i> , 2020, 56, 47-57.	0.8	1
27	Global positioning system tracking devices can decrease Greater Sage-Grouse survival. <i>Condor</i> , 2019, 121, .	1.6	18
28	Moving at the speed of flight: dabbling duck-movement rates and the relationship with electronic tracking interval. <i>Wildlife Research</i> , 2019, 46, 533.	1.4	14
29	Demographic factors affecting population growth in giant gartersnakes. <i>Journal of Wildlife Management</i> , 2019, 83, 1540-1551.	1.8	8
30	Sitting ducklings: Timing of hatch, nest departure, and predation risk for dabbling duck broods. <i>Ecology and Evolution</i> , 2019, 9, 5490-5500.	1.9	7
31	Conservation reliance of a threatened snake on rice agriculture. <i>Global Ecology and Conservation</i> , 2019, 19, e00681.	2.1	8
32	GPS tracking data reveals daily spatio-temporal movement patterns of waterfowl. <i>Movement Ecology</i> , 2019, 7, 6.	2.8	37
33	Effects of prescribed fire on San Francisco gartersnake survival and movement. <i>Journal of Wildlife Management</i> , 2019, 83, 231-240.	1.8	5
34	Rising Tides: Assessing Habitat Vulnerability for an Endangered Salt Marsh-Dependent Species with Sea-Level Rise. <i>Wetlands</i> , 2019, 39, 1203-1218.	1.5	5
35	Estimating sightability of greater sage-grouse at leks using an aerial infrared system and N-mixture models. <i>Wildlife Biology</i> , 2019, 2019, .	1.4	5
36	Chapter Eleven. Linking Habitat Selection and Brood Success in Greater Sage-Grouse. , 2019, , 151-168.		6

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37	5. Waterfowl Ecology and Management. , 2019, , 103-132.		0
38	12. Bird Comm Unities: Effects Of Fragmentation, Disturbance, And Sea Level Rise On Population Viability. , 2019, , 175-194.		0
39	Duck nest depredation, predator behavior, and female response using video. Journal of Wildlife Management, 2018, 82, 1014-1025.	1.8	16
40	Spatial and Temporal Variability in Growth of Giant Gartersnakes: Plasticity, Precipitation, and Prey. Journal of Herpetology, 2018, 52, 40-49.	0.5	14
41	A conservation planning tool for Greater Sage-Grouse using indices of species distribution, resilience, and resistance. Ecological Applications, 2018, 28, 878-896.	3.8	28
42	The relative importance of intrinsic and extrinsic drivers to population growth vary among local populations of Greater Sage-Grouse: An integrated population modeling approach. Auk, 2018, 135, 240-261.	1.4	19
43	A new approach to automated incubation recess detection using temperature loggers. Condor, 2018, 120, 739-750.	1.6	6
44	Using object-based image analysis to conduct high- resolution conifer extraction at regional spatial scales. International Journal of Applied Earth Observation and Geoinformation, 2018, 73, 148-155.	2.8	14
45	Integrating growth and capture-mark-recapture models reveals size-dependent survival in an elusive species. Ecosphere, 2018, 9, e02384.	2.2	18
46	Changes in the abundance and distribution of waterfowl wintering in the Central Valley of California, 1973-2000. , 2018, , 50-74.		5
47	Patterns in Greater Sage-Grouse population dynamics correspond with public grazing records at broad scales. Ecological Applications, 2017, 27, 1096-1107.	3.8	29
48	Pinyon and Juniper Encroachment into Sagebrush Ecosystems Impacts Distribution and Survival of Greater Sage-Grouse. Rangeland Ecology and Management, 2017, 70, 25-38.	2.3	69
49	Surveillance for highly pathogenic influenza A viruses in California during 2014-2015 provides insights into viral evolutionary pathways and the spatiotemporal extent of viruses in the Pacific Americas Flyway. Emerging Microbes and Infections, 2017, 6, 1-10.	6.5	18
50	Lessons from the past: isotopes of an endangered rail as indicators of underlying change to tidal marsh habitats. Ecosystem Health and Sustainability, 2017, 3, 1410451.	3.1	0
51	A century of landscape disturbance and urbanization of the San Francisco Bay region affects the present-day genetic diversity of the California Ridgway's rail (Rallus obsoletus obsoletus). Conservation Genetics, 2017, 18, 131-146.	1.5	12
52	Encounters with Pinyon-Juniper Influence Riskier Movements in Greater Sage-Grouse Across the Great Basin. Rangeland Ecology and Management, 2017, 70, 39-49.	2.3	31
53	Endangered species management and ecosystem restoration: finding the common ground. Ecology and Society, 2016, 21, .	2.3	40
54	Integrating spatially explicit indices of abundance and habitat quality: an applied example for greater sage-grouse management. Journal of Applied Ecology, 2016, 53, 83-95.	4.0	40

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55	Waterfowl endozoochory: An overlooked long-distance dispersal mode for <i>Cuscuta</i> (dodder). <i>American Journal of Botany</i> , 2016, 103, 957-962.	1.7	16
56	Wildfire, climate, and invasive grass interactions negatively impact an indicator species by reshaping sagebrush ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12745-12750.	7.1	137
57	Nest survival is influenced by parental behaviour and heterospecifics in a mixed-species colony. <i>Ibis</i> , 2016, 158, 315-326.	1.9	8
58	The effects of heterospecifics and climatic conditions on incubation behavior within a mixed-species colony. <i>Journal of Avian Biology</i> , 2016, 47, 399-408.	1.2	3
59	Landscape characteristics and livestock presence influence common ravens: relevance to greater sage-grouse conservation. <i>Ecosphere</i> , 2016, 7, e01203.	2.2	24
60	Active Season Microhabitat and Vegetation Selection by Giant Gartersnakes Associated with a Restored Marsh in California. <i>Journal of Fish and Wildlife Management</i> , 2016, 7, 397-407.	0.9	5
61	Intra-annual patterns in adult band-tailed pigeon survival estimates. <i>Wildlife Research</i> , 2015, 42, 454.	1.4	8
62	Nest-site selection and reproductive success of greater sage-grouse in a fire-affected habitat of northwestern Nevada. <i>Journal of Wildlife Management</i> , 2015, 79, 785-797.	1.8	42
63	Wintering ecology of sympatric subspecies of Sandhill Crane: Correlations between body size, site fidelity, and movement patterns. <i>Condor</i> , 2015, 117, 518-529.	1.6	8
64	Defining population structure and genetic signatures of decline in the giant gartersnake (<i>Thamnophis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T Genetics, 2015, 16, 1025-1039.	1.5	9
65	Sea-level rise and refuge habitats for tidal marsh species: Can artificial islands save the California Ridgway's rail?. <i>Ecological Engineering</i> , 2015, 74, 337-344.	3.6	11
66	Movements of Radio-Marked California Ridgway's Rails During Monitoring Surveys: Implications for Population Monitoring. <i>Journal of Fish and Wildlife Management</i> , 2015, 6, 227-237.	0.9	9
67	Carryover effects and climatic conditions influence the postfledging survival of greater sage-grouse. <i>Ecology and Evolution</i> , 2014, 4, 4488-4499.	1.9	55
68	Common raven occurrence in relation to energy transmission line corridors transiting human-altered sagebrush steppe. <i>Journal of Arid Environments</i> , 2014, 111, 68-78.	2.4	20
69	Ghost of habitat past: historic habitat affects the contemporary distribution of giant garter snakes in a modified landscape. <i>Animal Conservation</i> , 2014, 17, 144-153.	2.9	16
70	Tidal and seasonal effects on survival rates of the endangered California clapper rail: does invasive <i>Spartina</i> facilitate greater survival in a dynamic environment?. <i>Biological Invasions</i> , 2014, 16, 1897-1914.	2.4	20
71	Monitoring of Livestock Grazing Effects on Bureau of Land Management Land. <i>Rangeland Ecology and Management</i> , 2014, 67, 68-77.	2.3	36
72	Dietary mercury exposure to endangered California Clapper Rails in San Francisco Bay. <i>Marine Pollution Bulletin</i> , 2014, 86, 254-260.	5.0	4

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73	Hierarchical spatial genetic structure in a distinct population segment of greater sage-grouse. <i>Conservation Genetics</i> , 2014, 15, 1299-1311.	1.5	15
74	Wetland Accretion Rate Model of Ecosystem Resilience (WARMER) and Its Application to Habitat Sustainability for Endangered Species in the San Francisco Estuary. <i>Estuaries and Coasts</i> , 2014, 37, 476-492.	2.2	89
75	Landscape alterations influence differential habitat use of nesting buteos and ravens within sagebrush ecosystem: Implications for transmission line development. <i>Condor</i> , 2014, 116, 341-356.	1.6	34
76	Waterfowl Ecology and Management. , 2014, , 103-132.		8
77	Intraseasonal variation in survival and probable causes of mortality in greater sage-grouse <i>Centrocercus urophasianus</i> . <i>Wildlife Biology</i> , 2013, 19, 347-357.	1.4	19
78	Evaluating greater sage-grouse seasonal space use relative to leks: Implications for surface use designations in sagebrush ecosystems. <i>Journal of Wildlife Management</i> , 2013, 77, 1598-1609.	1.8	54
79	Greater Sage-Grouse Nest Predators in the Virginia Mountains of Northwestern Nevada. <i>Journal of Fish and Wildlife Management</i> , 2013, 4, 242-255.	0.9	27
80	Hunting influences the diel patterns in habitat selection by northern pintails <i>Anas acuta</i> . <i>Wildlife Biology</i> , 2012, 18, 1-13.	1.4	25
81	Bayesian shared frailty models for regional inference about wildlife survival. <i>Animal Conservation</i> , 2012, 15, 117-124.	2.9	35
82	“Exciting statistics”™: the rapid development and promising future of hierarchical models for population ecology. <i>Animal Conservation</i> , 2012, 15, 133-135.	2.9	11
83	Does mercury contamination reduce body condition of endangered California clapper rails?. <i>Environmental Pollution</i> , 2012, 162, 439-448.	7.5	53
84	Waste Rice Seed in Conventional and Stripper-Head Harvested Fields in California: Implications for Wintering Waterfowl. <i>Journal of Fish and Wildlife Management</i> , 2012, 3, 266-275.	0.9	8
85	Relative Value of Managed Wetlands and Tidal Marshlands for Wintering Northern Pintails. <i>Journal of Fish and Wildlife Management</i> , 2012, 3, 98-109.	0.9	6
86	Bird Communities: Effects of Fragmentation, Disturbance, and Sea Level Rise on Population Viability. , 2012, , 175-194.		1
87	Temporal and Maternal Effects on Reproductive Ecology of the Giant Gartersnake (<i>Thamnophis gigas</i>). <i>Southwestern Naturalist</i> , 2011, 56, 29-34.	0.1	5
88	Rapid assessment of rice seed availability for wildlife in harvested fields. <i>Wildlife Society Bulletin</i> , 2011, 35, 377-393.	1.6	3
89	Avian Communities in Tidal Salt Marshes of San Francisco Bay: A Review of Functional Groups by Foraging Guild and Habitat Association. <i>San Francisco Estuary and Watershed Science</i> , 2011, 9, .	0.4	16
90	Bayesian adaptive survey protocols for resource management. <i>Journal of Wildlife Management</i> , 2011, 75, 450-457.	1.8	8

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91	Demography of the San Francisco Gartersnake in Coastal San Mateo County, California. <i>Journal of Fish and Wildlife Management</i> , 2011, 2, 41-48.	0.9	13
92	Population Structure and Relatedness among Female Northern Pintails in Three California Wintering Regions. <i>Waterbirds</i> , 2010, 33, 1-9.	0.3	5
93	Abundance and Sexual Size Dimorphism of the Giant Gartersnake (<i>Thamnophis gigas</i>) in the Sacramento Valley of California. <i>Journal of Herpetology</i> , 2010, 44, 94-103.	0.5	14
94	Habitat Suitability and Conservation of the Giant Gartersnake (<i>Thamnophis gigas</i>) in the Sacramento Valley of California. <i>Copeia</i> , 2010, 2010, 591-599.	1.3	27
95	Scale-Dependent Associations of Band-Tailed Pigeon Counts at Mineral Sites. <i>Northwestern Naturalist</i> , 2010, 91, 299-308.	0.4	5
96	Nest Site Selection by Greater Sage-Grouse in Mono County, California. <i>Journal of Wildlife Management</i> , 2009, 73, 1333-1340.	1.8	29
97	Ecological Factors Influencing Nest Survival of Greater Sage-Grouse in Mono County, California. <i>Journal of Wildlife Management</i> , 2009, 73, 1341-1347.	1.8	26
98	Sex, season, and time of day interact to affect body temperatures of the Giant Gartersnake. <i>Journal of Thermal Biology</i> , 2009, 34, 183-189.	2.5	9
99	Using time-dependent models to investigate body condition and growth rate of the giant gartersnake. <i>Journal of Zoology</i> , 2009, 279, 285-293.	1.7	11
100	Pintail and Mallard Survival in California Relative to Habitat, Abundance, and Hunting. <i>Journal of Wildlife Management</i> , 2007, 71, 2238.	1.8	42
101	Linking Landscape Characteristics to Mineral Site Use by Band-Tailed Pigeons in Western Oregon: Coarse-Filter Conservation with Fine-Filter Tuning. <i>Natural Areas Journal</i> , 2006, 26, 38-46.	0.5	5
102	Spring Migration of Northern Pintails from Texas and New Mexico, USA. <i>Waterbirds</i> , 2006, 29, 127-136.	0.3	21
103	Post-precipitation bias in band-tailed pigeon surveys conducted at mineral sites. <i>Wildlife Society Bulletin</i> , 2005, 33, 1047-1054.	1.6	7
104	Evaluation of current population indices for band-tailed pigeons. <i>Wildlife Society Bulletin</i> , 2005, 33, 606-615.	1.6	8
105	FLIGHT SPEEDS OF NORTHERN PINTAILS DURING MIGRATION DETERMINED USING SATELLITE TELEMETRY. <i>The Wilson Bulletin</i> , 2005, 117, 364-374.	0.5	15
106	Spring migration of Northern Pintails from California's Central Valley wintering area tracked with satellite telemetry: routes, timing, and destinations. <i>Canadian Journal of Zoology</i> , 2005, 83, 1314-1332.	1.0	113
107	The Population Crisis Demands a Focused Agenda. <i>Conservation Biology</i> , 1994, 8, 305-307.	4.7	5
108	Assessment of waste grain densities to aid waterfowl conservation in the Klamath Basin of northeastern California and southeastern Oregon. <i>Journal of Fish and Wildlife Management</i> , 0, , .	0.9	0

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109	Greater Sage-grouse Nest Predators in the Virginia Mountains of northwestern Nevada. Journal of Fish and Wildlife Management, 0, , 131023080234000.	0.9	0