Roger L Mann

List of Publications by Year
in descending order

32 papers	1,272 citations	430874 18 h-index	414414 32 g-index
32 all docs	32 docs citations	32 times ranked	973 citing authors

#	Article	IF	Citations
1	WHY OYSTER RESTORATION GOALS IN THE CHESAPEAKE BAY ARE NOT AND PROBABLY CANNOT BE ACHIEVED. Journal of Shellfish Research, 2007, 26, 905-917.	0.9	176
2	Redox reactions and weak buffering capacity lead to acidification in the Chesapeake Bay. Nature Communications, 2017, 8, 369.	12.8	128
3	Growth and mortality of oysters (Crassostrea virginica) on constructed intertidal reefs: effects of tidal height and substrate level. Journal of Experimental Marine Biology and Ecology, 1999, 237, 157-184.	1.5	94
4	Lessons Learned from Efforts to Restore Oyster Populations in Maryland and Virginia, 1990 to 2007. Journal of Shellfish Research, 2011, 30, 719-731.	0.9	82
5	Millennial-scale sustainability of the Chesapeake Bay Native American oyster fishery. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6568-6573.	7.1	80
6	Population Studies of the Native Eastern Oyster,<i>Crassostrea virginica</i>, (Gmelin, 1791) in the James River, Virginia, USA. Journal of Shellfish Research, 2009, 28, 193-220.	0.9	75
7	Ecosystem effects of shell aggregations and cycling in coastal waters: an example of Chesapeake Bay oyster reefs. Ecology, 2013, 94, 895-903.	3.2	68
8	Reconstructing pre-colonial oyster demographics in the Chesapeake Bay, USA. Estuarine, Coastal and Shelf Science, 2009, 85, 217-222.	2.1	63
9	Oyster (<i>Crassostrea virginica</i>, Gmelin 1791) Population Dynamics on Public Reefs in the Great Wicomico River, Virginia, USA. Journal of Shellfish Research, 2010, 29, 271-290.	0.9	57
10	Demography of the ecosystem engineer Crassostrea gigas, related to vertical reef accretion and reef persistence. Estuarine, Coastal and Shelf Science, 2015, 154, 224-233.	2.1	51
11	Long-term dynamics in Atlantic surfclam (Spisula solidissima) populations: The role of bottom water temperature. Journal of Marine Systems, 2015, 141, 136-148.	2.1	51
12	Reconstructing early 17th century estuarine drought conditions from Jamestown oysters. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10549-10554.	7.1	43
13	Shell Length-at-age Relationships in James River, Virginia, Oysters (Crassostrea virginica) Collected Four Centuries Apart. Journal of Shellfish Research, 2008, 27, 1109-1115.	0.9	37
14	Modeling larval connectivity of the Atlantic surfclams within the Middle Atlantic Bight: Model development, larval dispersal and metapopulation connectivity. Estuarine, Coastal and Shelf Science, 2015, 153, 38-53.	2.1	34
15	Management of the Piankatank River, Virginia, in Support of Oyster (<i>Crassostrea) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182	0.9	32
16	The allometry of oysters: spatial and temporal variation in the lengthâ€"biomass relationships for<i>Crassostrea virginica</i>. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 1127-1144.	0.8	26
17	Development of an Ageâ€"Frequency Distribution for Ocean Quahogs (<i>Arctica islandica</i>) on Georges Bank. Journal of Shellfish Research, 2017, 36, 41-53.	0.9	22
18	An Overview of Factors Affecting Distribution of the Atlantic Surfclam (<i>Spisula solidissima</i>), a Continental Shelf Biomass Dominant, During a Period of Climate Change. Journal of Shellfish Research, 2018, 37, 821-831.	0.9	22

#	Article	IF	Citations
19	Two-hundred year record of increasing growth rates for ocean quahogs (Arctica islandica) from the northwestern Atlantic Ocean. Journal of Experimental Marine Biology and Ecology, 2018, 503, 8-22.	1.5	19
20	Can we estimate molluscan abundance and biomass on the continental shelf?. Estuarine, Coastal and Shelf Science, 2017, 198, 213-224.	2.1	18
21	How well do we know the infaunal biomass of the continental shelf?. Continental Shelf Research, 2016, 115, 27-32.	1.8	17
22	Biological reference points for Atlantic surfclam (Spisula solidissima) in warming seas. Fisheries Research, 2018, 207, 126-139.	1.7	16
23	A conservation palaeobiological perspective on Chesapeake Bay oysters. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190209.	4.0	14
24	Assessment of the Relationship of Stock and Recruitment in the Atlantic Surfclam Spisula solidissima in the Northwestern Atlantic Ocean. Journal of Shellfish Research, 2018, 37, 965.	0.9	10
25	The intermingling of benthic macroinvertebrate communities during a period of shifting range: The â€œEast of Nantucketâ€•Atlantic Surfclam Survey and the existence of transient multiple stable states. Marine Ecology, 2019, 40, e12546.	1.1	9
26	Attainability of Accurate Age Frequencies for Ocean Quahogs (Arctica islandica) Using Large Datasets: Protocol, Reader Precision, and Error Assessment. Journal of Shellfish Research, 2021, 40, .	0.9	8
27	Oyster Planting Protocols to Deter Losses to Cownose Ray Predation. Journal of Shellfish Research, 2016, 35, 127-136.	0.9	6
28	Growth and longevity in surfclams east of Nantucket: Range expansion in response to the post-2000 warming of the North Atlantic. Continental Shelf Research, 2020, 195, 104059.	1.8	5
29	Historical biogeographic range shifts and the influence of climate change on ocean quahogs (<i>Arctica islandica</i>) on the Mid-Atlantic Bight. Holocene, 2022, 32, 964-976.	1.7	5
30	The Case of the â€˜Missingâ€™ Arctic Bivalves and The Walrus: The Biggest [Overlooked] Clam Fishery on the Planet. Journal of Shellfish Research, 2020, 39, .	0.9	2
31	The conundrum of biont-free substrates on a high-energy continental shelf: Burial and scour on Nantucket Shoals, Great South Channel. Estuarine, Coastal and Shelf Science, 2021, 249, 107089.	2.1	1
32	Oyster Shell Production and Loss in the Chesapeake Bay. Journal of Shellfish Research, 2022, 40, .	0.9	1