Sandy Wyllie-Echeverria

List of Publications by Year
in descending order

38 papers	2,406 citations	331259 21 h-index	360668 35 g-index
38 all docs	38 docs citations	38 times ranked	2306 citing authors

#	Article	IF	Citations
1	Natural and human-induced disturbance of seagrasses. Environmental Conservation, 1996, 23, 17-27.	0.7	1,063
2	North Atlantic phylogeography and large-scale population differentiation of the seagrass Zostera marina L.. Molecular Ecology, 2004, 13, 1923-1941.	2.0	277
3	Managing marine disease emergencies in an era of rapid change. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150364.	1.8	109
4	Assessment of environmental suitability for growth of Zostera marina L. (eelgrass) in San Francisco Bay. Aquatic Botany, 1991, 39, 353-366.	0.8	84
5	The influence of burrowing thalassinid shrimps on the distribution of intertidal seagrasses in Willapa Bay, Washington, USA. Aquatic Botany, 2003, 77, 27-42.	0.8	74
6	Do desiccation tolerances control the vertical distribution of intertidal seagrasses?. Aquatic Botany, 2007, 87, 161-166.	0.8	67
7	Buoy-deployed seeding: Demonstration of a new eelgrass (Zostera marina L.) planting method. Ecological Engineering, 2005, 25, 127-136.	1.6	64
8	Estimating basal area coverage of subtidal seagrass beds using underwater videography. Aquatic Botany, 1997, 58, 269-287.	0.8	62
9	Algicidal and growth-inhibiting bacteria associated with seagrass and macroalgae beds in Puget Sound, WA, USA. Harmful Algae, 2017, 62, 136-147.	2.2	48
10	Tolerance and response of Zostera marina seedlings to hydrogen sulfide. Aquatic Botany, 2013, 105, 7-10.	0.8	46
11	Field and Remote-Sensing Assessment of Mangrove Forests and Seagrass Beds in the Northwestern Part of the United Arab Emirates. Journal of Coastal Research, 2009, 251, 48-56.	0.1	44
12	Functional, Phylogenetic and Host-Geographic Signatures of Labyrinthula spp. Provide for Putative Species Delimitation and a Global-Scale View of Seagrass Wasting Disease. Estuaries and Coasts, 2016, 39, 1403-1421.	1.0	39
13	Oysters and eelgrass: potential partners in a high <scp>pCO</scp>₂ ocean. Ecology, 2018, 99, 1802-1814.	1.5	34
14	In vitro experimental assessment of the grazing pressure of two gastropods on Zostera marina L. ephiphytic algae. Aquatic Botany, 2004, 78, 183-195.	0.8	32
15	Host demography influences the prevalence and severity of eelgrass wasting disease. Diseases of Aquatic Organisms, 2014, 108, 165-175.	0.5	32
16	Population Structure and Genetic Diversity among Eelgrass (Zostera marina) Beds and Depths in San Francisco Bay. Journal of Heredity, 2012, 103, 533-546.	1.0	29
17	Plant characteristics associated with widespread variation in eelgrass wasting disease. Diseases of Aquatic Organisms, 2016, 118, 159-168.	0.5	28
18	The potential role of climate in the distribution and zonation of the introduced seagrass Zostera japonica in North America. Aquatic Botany, 2008, 89, 297-302.	0.8	26

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19	Long-term seed storage and viability of Zostera marina. Aquatic Botany, 2013, 111, 130-134.	0.8	26
20	The seagrass (Zostera marina [zosteraceae]) industry of Nova Scotia (1907â€“1960). Economic Botany, 1999, 53, 419-426.	0.8	24
21	Mats of Beggiatoa bacteria reveal that organic pollution from lumber mills inhibits growth of Zostera marina. Marine Ecology, 2006, 27, 372-380.	0.4	24
22	Occurrence of rhizomal endophytes in three temperate northeast pacific seagrasses. Aquatic Botany, 2013, 111, 71-73.	0.8	22
23	Genetic Structure and Diversity of Zostera marina (Eelgrass) in the San Juan Archipelago, Washington, USA. Estuaries and Coasts, 2010, 33, 811-827.	1.0	18
24	Microtopography promotes coexistence of an invasive seagrass and its native congener. Biological Invasions, 2015, 17, 381-395.	1.2	17
25	The Structure of Genetic Diversity in Eelgrass (Zostera marina L.) along the North Pacific and Bering Sea Coasts of Alaska. PLoS ONE, 2016, 11, e0152701.	1.1	17
26	Ecological effect of a nonnative seagrass spreading in the Northeast Pacific: A review of Zostera japonica. Ocean and Coastal Management, 2014, 102, 375-382.	2.0	15
27	Using light-permeable grating to mitigate impacts of residential floats on eelgrass Zostera marina L. in Puget Sound, Washington. Ecological Engineering, 2006, 28, 354-362.	1.6	11
28	Distribution and Performance of the Nonnative Seagrass Zostera japonica Across a Tidal Height Gradient on Shaw Island, Washington. Pacific Science, 2010, 64, 187-198.	0.2	11
29	Tending the meadows of the sea: A disturbance experiment based on traditional indigenous harvesting of Zostera marina L. (Zosteraceae) the southern region of Canadaâ€™s west coast. Aquatic Botany, 2015, 127, 26-34.	0.8	10
30	Seagrass Conservation Biology: An Interdisciplinary Science for Protection of the Seagrass Biome. , 2007, , 595-623.		9
31	Conservation of Eelgrass (Zostera marina) Genetic Diversity in a Mesocosm-Based Restoration Experiment. PLoS ONE, 2014, 9, e89316.	1.1	9
32	Emergency response for marine diseases. Science, 2015, 347, 1210-1210.	6.0	8
33	Posidonia oceanica and Zostera marina as Potential Biomarkers of Heavy Metal Contamination in Coastal Systems. , 2012, , .		7
34	Are migratory waterfowl vectors of seagrass pathogens?. Ecology and Evolution, 2020, 10, 2062-2073.	0.8	7
35	Metabarcoding of environmental samples suggest wide distribution of eelgrass (Zostera marina) pathogens in the north Pacific. Metabarcoding and Metagenomics, 0, 5, .	0.0	5
36	Tolerance of Phyllospadix scouleri seedlings to hydrogen sulfide. Aquatic Botany, 2015, 123, 72-75.	0.8	4

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37	Further Evidence for Seed Size Variation in the Genus Zostera: Exploratory Studies with Z. japonica and Z. asiatica. Aliso, 2006, 22, 243-247.	0.4	3
38	Oysters and Eelgrass: Potential Partners in a High pCO2 Ocean. Bulletin of the Ecological Society of America, 2018, 99, e01423.	0.2	1