

Jessica R Lacy

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

620
citations

623734

14
h-index

677142

22
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22
all docs

22
docs citations

22
times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon storage and sediment trapping by <i>Egeria densa</i> Planch., a globally invasive, freshwater macrophyte. <i>Science of the Total Environment</i> , 2021, 755, 142602.	8.0	13
2	Influence of Invasive Submerged Aquatic Vegetation (<i>E. densa</i>) on Currents and Sediment Transport in a Freshwater Tidal System. <i>Water Resources Research</i> , 2021, 57, e2020WR028789.	4.2	4
3	Cohesive Sediment Modeling in a Shallow Estuary: Model and Environmental Implications of Sediment Parameter Variation. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017219.	2.6	4
4	Numerical Simulation of the Boundary Layer Flow Generated in Monterey Bay, California, by the 2010 Chilean Tsunami: Case Study. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2021, 147, 05021012.	1.2	2
5	Seasonal Variation in Sediment Delivery Across the Bay-Marsh Interface of an Estuarine Salt Marsh. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015268.	2.6	14
6	Seasonal, Spring-Neap, and Tidal Variation in Cohesive Sediment Transport Parameters in Estuarine Shallows. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 7265-7284.	2.6	8
7	The influence of neap-spring tidal variation and wave energy on sediment flux in salt marsh tidal creeks. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 2384-2396.	2.5	6
8	Three-Dimensional Modeling of Fine Sediment Transport by Waves and Currents in a Shallow Estuary. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 4177-4199.	2.6	18
9	Wave attenuation in the shallows of San Francisco Bay. <i>Coastal Engineering</i> , 2016, 114, 159-168.	4.0	18
10	Model-based interpretation of sediment concentration and vertical flux measurements in a shallow estuarine environment. <i>Limnology and Oceanography</i> , 2015, 60, 463-481.	3.1	11
11	Lateral Baroclinic Forcing Enhances Sediment Transport from Shallows to Channel in an Estuary. <i>Estuaries and Coasts</i> , 2014, 37, 1058-1077.	2.2	22
12	Interactions between waves, sediment, and turbulence on a shallow estuarine mudflat. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 1534-1553.	2.6	47
13	Currents, drag, and sediment transport induced by a tsunami. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	30
14	The Influence of Wave Energy and Sediment Transport on Seagrass Distribution. <i>Estuaries and Coasts</i> , 2012, 35, 92-108.	2.2	24
15	The influence of current speed and vegetation density on flow structure in two macrotidal eelgrass canopies. <i>Limnology & Oceanography Fluids & Environments</i> , 2011, 1, 38-55.	1.7	55
16	Wind-enhanced resuspension in the shallow waters of South San Francisco Bay: Mechanisms and potential implications for cohesive sediment transport. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	77
17	Bed forms created by simulated waves and currents in a large flume. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	26
18	Shear velocity estimates on the inner shelf off Grays Harbor, Washington, USA. <i>Continental Shelf Research</i> , 2006, 26, 1995-2018.	1.8	50

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19	Estimating hydrodynamic roughness in a wave-dominated environment with a high-resolution acoustic Doppler profiler. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	21
20	Accuracy of a Pulse-Coherent Acoustic Doppler Profiler in a Wave-Dominated Flow. <i>Journal of Atmospheric and Oceanic Technology</i> , 2004, 21, 1448-1461.	1.3	30
21	Interaction of lateral baroclinic forcing and turbulence in an estuary. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	70
22	Secondary currents in a curved, stratified, estuarine channel. <i>Journal of Geophysical Research</i> , 2001, 106, 31283-31302.	3.3	70