

Jia-Lin Chen

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

171
citations

1162367

8
h-index

1125271

13
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all docs

15
docs citations

15
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrodynamic and sediment transport modeling of New River Inlet (NC) under the interaction of tides and waves. Journal of Geophysical Research: Oceans, 2015, 120, 4028-4047.	1.0	41
2	Observations of the frontal region of a buoyant river plume using an autonomous underwater vehicle. Journal of Geophysical Research: Oceans, 2014, 119, 7549-7567.	1.0	25
3	Observed and modeled drifters at a tidal inlet. Journal of Geophysical Research: Oceans, 2015, 120, 4825-4844.	1.0	24
4	NearCoM-TVD " A quasi-3D nearshore circulation and sediment transport model. Coastal Engineering, 2014, 91, 200-212.	1.7	19
5	Wave Generation, Dissipation, and Disequilibrium in an Embayment With Complex Bathymetry. Journal of Geophysical Research: Oceans, 2018, 123, 7856-7876.	1.0	17
6	Mechanisms of Exchange Flow in an Estuary With a Narrow, Deep Channel and Wide, Shallow Shoals. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016092.	1.0	11
7	Tidal Flow Asymmetry Owing to Inertia and Waves on an Unstratified, Shallow Ebb Shoal. Journal of Geophysical Research: Oceans, 2018, 123, 6779-6799.	1.0	9
8	Increased operational costs of electricity generation in the Delaware River and Estuary from salinity increases due to sea-level rise and a deepened channel. Journal of Environmental Management, 2019, 244, 228-234.	3.8	9
9	Quantification of numerical mixing in coastal ocean models through an offline method. Ocean Engineering, 2021, 222, 108588.	1.9	5
10	The Effect of Wave-Induced Current and Coastal Structure on Sediment Transport at the Zengwen River Mouth. Journal of Marine Science and Engineering, 2021, 9, 333.	1.2	5
11	HYDRODYNAMIC MODELING OF NEW RIVER INLET, NORTH CAROLINA USING NEARCOM-TVD. Coastal Engineering Proceedings, 2015, 1, 41.	0.1	4
12	Downdrift Port Siltation Adjacent to a River Mouth: Mechanisms and Effects of Littoral Sediment Transport to the Navigation Channel. Journal of Waterway, Port, Coastal and Ocean Engineering, 2022, 148, .	0.5	1
13	On the Dependency of Bottom Drag and the Eddy Viscosity upon Flow Structure in the Coastal Boundary Layer. Journal of Marine Science and Engineering, 2022, 10, 324.	1.2	1
14	A NUMERICAL INVESTIGATION ON HYPERPYCNAL FLOW. , 2011, , .		0
15	TIME-VARYING WAVE EFFECTS ON FLOWS AND DYNAMICS AT AN UNSTRATIFIED INLET. Coastal Engineering Proceedings, 2018, , 45.	0.1	0