

Jia-Lin Chen

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

171
citations

1162367

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1125271

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all docs

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docs citations

15
times ranked

222
citing authors

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