Yongsheng Wu

List of Publications by Year
in descending order

23 papers	199 citations	1040056 9 h-index	1125743 13 g-index
25 all docs	25 docs citations	25 times ranked	277 citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of sea ice in sediment laden water using MODIS in the Bohai Sea: a CART decision tree method. International Journal of Remote Sensing, 2015, 36, 1661-1674.	2.9	23
2	A summer phytoplankton bloom triggered by high wind events in the Labrador Sea, July 2006. Geophysical Research Letters, 2008, 35, .	4.0	17
3	Derivation of Three-Dimensional Radiation Stress Based on Lagrangian Solutions of Progressive Waves. Journal of Physical Oceanography, 2017, 47, 2829-2842.	1.7	17
4	Vertical Distributions of Suspended Sediment Concentrations in the Turbidity Maximum Zone of the Periodically and Partially Stratified Changjiang Estuary. Estuaries and Coasts, 2019, 42, 1475-1490.	2.2	17
5	Environmental Impacts Caused by Tidal Power Extraction in the Upper Bay of Fundy. Atmosphere - Ocean, 2016, 54, 326-336.	1.6	11
6	Wind drag in oil spilled ocean surface and its impact on wind-driven circulation. Anthropocene Coasts, 2019, 2, 244-260.	1.5	11
7	A modeling study of the impact of major storms on seabed shear stress and sediment transport on the <scp>G</scp>rand <scp>B</scp>anks of <scp>N</scp>ewfoundland. Journal of Geophysical Research: Oceans, 2017, 122, 4183-4216.	2.6	10
8	A Modeling Study on the Oil Spill of M/V Marathassa in Vancouver Harbour. Journal of Marine Science and Engineering, 2018, 6, 106.	2.6	10
9	A modeling study of the impact of major storms on waves, surface and near–bed currents on the <scp>G</scp>rand <scp>B</scp>anks of <scp>N</scp>ewfoundland. Journal of Geophysical Research: Oceans, 2015, 120, 5358-5386.	2.6	9
10	A Neural Network Model for K(Î») Retrieval and Application to Global Kpar Monitoring. PLoS ONE, 2015, 10, e0127514.	2.5	9
11	Modelling Extreme Storm-Induced Currents over the Grand Banks. Atmosphere - Ocean, 2011, 49, 259-268.	1.6	8
12	The Effect of Sea Ice on Tidal Propagation in the Kitikmeot Sea, Canadian Arctic Archipelago. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016786.	2.6	8
13	A comparison study of three-dimensional radiation stress formulations. Coastal Engineering Journal, 2019, 61, 224-240.	1.9	6
14	Seabed disturbance and sediment mobility due to tidal current and waves on the continental shelves of Canada. Canadian Journal of Earth Sciences, 2021, 58, 1209-1232.	1.3	6
15	A High–Resolution 3–D Circulation Model in a Complex Archipelago on the Coastal Scotian Shelf. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	6
16	Assimilation of sea surface temperature into CECOM by flux correction. Ocean Dynamics, 2010, 60, 403-412.	2.2	5
17	Effects of rainfall on oil droplet size and the dispersion of spilled oil with application to Douglas Channel, British Columbia, Canada. Marine Pollution Bulletin, 2017, 114, 176-182.	5.0	5
18	Coupling of Estuarine Circulations in a Network of Fjords. Journal of Geophysical Research: Oceans, 2019, 124, 6809-6830.	2.6	5

#	Article	IF	Citations
19	Effects of chemical dispersant and seasonal conditions on the fate of spilled oil â€" modelling of a hypothetical spill near Saint John, NB. Water Quality Research Journal of Canada, 2016, 51, 233-245.	2.7	4
20	Evaluation of Structured and Unstructured Models for Application in Operational Ocean Forecasting in Nearshore Waters. Journal of Marine Science and Engineering, 2020, 8, 484.	2.6	4
21	A modelling study of the ice-free tidal dynamics in the Canadian Arctic Archipelago. Estuarine, Coastal and Shelf Science, 2020, 236, 106617.	2.1	3
22	An Overview of Oil-Mineral-Aggregate Formation, Settling, and Transport Processes in Marine Oil Spill Models. Journal of Marine Science and Engineering, 2022, 10, 610.	2.6	3
23	Response of sea level to tide, atmospheric pressure, wind forcing and river discharge in the Kitimat Fjord System. Estuarine, Coastal and Shelf Science, 2020, 246, 107025.	2.1	2