

Michael Z Li

List of Publications by Year in descending order

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23
papers

895
citations

516710

16
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642732

23
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71
all docs

71
docs citations

71
times ranked

845
citing authors

#	ARTICLE	IF	CITATIONS
1	Seabed disturbance and sediment mobility due to tidal current and waves on the continental shelves of Canada. <i>Canadian Journal of Earth Sciences</i> , 2021, 58, 1209-1232.	1.3	6
2	Latitudinal Response of Storm Activity to Abrupt Climate Change During the Last 6,500 Years. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089859.	4.0	13
3	A modeling study of the impact of major storms on seabed shear stress and sediment transport on the Grand Banks of Newfoundland. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4183-4216.	2.6	10
4	A modeling study of the impact of major storms on waves, surface and near-bed currents on the Grand Banks of Newfoundland. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 5358-5386.	2.6	9
5	Intratidal and neap-spring variations of suspended sediment concentrations and sediment transport processes in the North Branch of the Changjiang Estuary. <i>Acta Oceanologica Sinica</i> , 2015, 34, 137-147.	1.0	18
6	Modelling seabed shear stress, sediment mobility, and sediment transport in the Bay of Fundy. <i>Canadian Journal of Earth Sciences</i> , 2015, 52, 757-775.	1.3	22
7	Chapter 2 Continental shelves of Atlantic Canada. <i>Geological Society Memoir</i> , 2014, 41, 7-19.	1.7	4
8	Sediment transport and development of banner banks and sandwaves in an extreme tidal system: Upper Bay of Fundy, Canada. <i>Continental Shelf Research</i> , 2014, 83, 86-107.	1.8	26
9	Distribution of subtidal sedimentary bedforms in a macrotidal setting: The Bay of Fundy, Atlantic Canada. <i>Continental Shelf Research</i> , 2014, 83, 64-85.	1.8	30
10	Geologic insights from multibeam bathymetry and seascape maps of the Bay of Fundy, Canada. <i>Continental Shelf Research</i> , 2014, 83, 53-63.	1.8	21
11	Sediment transport processes at the head of Halibut Canyon, eastern Canada margin: An interplay between internal tides and dense shelf-water cascading. <i>Marine Geology</i> , 2013, 341, 14-28.	2.1	41
12	Anatomy of the tidal scour system at Minas Passage, Bay of Fundy, Canada. <i>Marine Geology</i> , 2012, 323-325, 123-134.	2.1	33
13	Modelling Extreme Storm-Induced Currents over the Grand Banks. <i>Atmosphere - Ocean</i> , 2011, 49, 259-268.	1.6	8
14	Sediment Stability and Dispersion at the Black Point Offshore Disposal Site, Saint John Harbour, New Brunswick, Canada. <i>Journal of Coastal Research</i> , 2009, 254, 1025-1040.	0.3	8
15	Sedtrans05: An improved sediment-transport model for continental shelves and coastal waters with a new algorithm for cohesive sediments. <i>Computers and Geosciences</i> , 2008, 34, 1223-1242.	4.2	61
16	Multibeam bathymetric investigations of the morphology of sand ridges and associated bedforms and their relation to storm processes, Sable Island Bank, Scotian Shelf. <i>Marine Geology</i> , 2007, 243, 200-228.	2.1	66
17	SEDTRANS96: the upgraded and better calibrated sediment-transport model for continental shelves. <i>Computers and Geosciences</i> , 2001, 27, 619-645.	4.2	118
18	Boundary layer dynamics and drag reduction in flows of high cohesive sediment suspensions. <i>Sedimentology</i> , 2000, 47, 71-86.	3.1	58

#	ARTICLE	IF	CITATIONS
19	Field observations of bedforms and sediment transport thresholds of fine sand under combined waves and currents. <i>Marine Geology</i> , 1999, 158, 147-160.	2.1	47
20	Predicting ripple geometry and bed roughness under combined waves and currents in a continental shelf environment. <i>Continental Shelf Research</i> , 1998, 18, 941-970.	1.8	63
21	Boundary layer dynamics and sediment transport under storm and non-storm conditions on the Scotian Shelf. <i>Marine Geology</i> , 1997, 141, 157-181.	2.1	55
22	Predicting ripple roughness and sand resuspension under combined flows in a shoreface environment. <i>Marine Geology</i> , 1996, 130, 139-161.	2.1	45
23	SEDTRANS92: A sediment transport model for continental shelves. <i>Computers and Geosciences</i> , 1995, 21, 533-554.	4.2	33