Rajni

List of Publications by Year in descending order

14 papers	**72** citations	1478505 **6** h-index	1474206 **9** g-index
14 all docs	**14** docs citations	**14** times ranked	**24** citing authors

#	Article	IF	Citations
1	Moored ship motion analysis in Paradip port under the resonance conditions using 3-D boundary element method. Journal of Marine Science and Technology, 2020, 25, 1075-1092.	2.9	13
2	Spectral boundary element modeling of water waves in Pohang New Harbor and Paradip Port. Ocean Engineering, 2020, 196, 106765.	4.3	12
3	Influence of climate variability on <scp>wind–sea</scp> and swell wave height extreme over the <scp>Indo–Pacific</scp> Ocean. International Journal of Climatology, 2022, 42, 6183-6203.	3.5	9
4	Spectral wave modeling of tsunami waves in Pohang New Harbor (South Korea) and Paradip Port (India). Ocean Dynamics, 2020, 70, 1515-1530.	2.2	8
5	Boundary Element Modeling of Multiconnected Ocean Basin in Visakhapatnam Port Under the Resonance Conditions. China Ocean Engineering, 2021, 35, 662-675.	1.6	7
6	Non-linear periodic long waves based on Boussinesq equation for shallow water waves: A coupled FEM modeling. Ocean Engineering, 2022, 245, 110469.	4.3	6
7	Seasonal extreme rainfall variability over India and its association with surface air temperature. Theoretical and Applied Climatology, 2022, 149, 185-205.	2.8	6
8	Moored ship motion under the resonance conditions with breakwaters: A coupled numerical approach. Ocean Engineering, 2021, 241, 110022.	4.3	5
9	Mathematical modeling of influence of ion size effects in an electrolyte in a nanoslit with overlapped EDL. AIP Conference Proceedings, 2017, , .	0.4	2
10	The numerical solution of Boussinesq equation for shallow water waves. AIP Conference Proceedings, 2020, , .	0.4	2
11	Multidirectional random wave diffraction in a real harbor by using 3-D boundary element method. AIP Conference Proceedings, 2017, , .	0.4	1
12	Analysis of moored ship motions using 3-D boundary element method inside realistic harbor. AIP Conference Proceedings, 2020, , .	0.4	1
13	Numerical modeling of ion size effect on osmotic pressure in cylindrical nanochannels. , 2020, , .		0
14	Mathematical Modelling of Non-Linear Transient Long Waves by using Finite Element Method in an Irregular Shaped Harbour. Mathematical and Computer Modelling of Dynamical Systems, 2021, 27, 411-428.	2.2	0