Seyed Mostafa Siadatmousavi

List of Publications by Year
in descending order

38 papers	416 citations	840776 11 h-index	839539 18 g-index
38 all docs	38 docs citations	38 times ranked	363 citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of sediment yield using RS and GIS at two sub-basins of Dez Watershed, Iran. International Soil and Water Conservation Research, 2016, 4, 199-206.	6.5	39
2	Evaluation of two WAM white capping parameterizations using parallel unstructured SWAN with application to the Northern Gulf of Mexico, USA. Applied Ocean Research, 2011, 33, 23-30.	4.1	29
3	On the importance of high frequency tail in third generation wave models. Coastal Engineering, 2012, 60, 248-260.	4.0	27
4	WAVEWATCH-III source terms evaluation for optimizing hurricane wave modeling: A case study of Hurricane Ivan. Oceanologia, 2021, 63, 194-213.	2.2	27
5	Performance evaluation of WAVEWATCH III model in the Persian Gulf using different wind resources. Ocean Dynamics, 2017, 67, 839-855.	2.2	25
6	Calibration and skill assessment of two input and dissipation parameterizations in WAVEWATCH-III model forced with ERA5 winds with application to Persian Gulf and Gulf of Oman. Ocean Engineering, 2021, 219, 108445.	4.3	24
7	Simulation of wave damping during a cold front over the muddy Atchafalaya shelf. Continental Shelf Research, 2012, 47, 165-177.	1.8	22
8	Wave-driven sediment transport and beach-dune dynamics in a headland bay beach. Marine Geology, 2012, 323-325, 29-46.	2.1	18
9	Numerical simulation of scour and flow field for different arrangements of two piers using SSIIM model. Ain Shams Engineering Journal, 2018, 9, 2415-2426.	6.1	18
10	The Effects of Bed Friction on Wave Simulation: Implementation of an Unstructured Third-Generation Wave Model, SWAN. Journal of Coastal Research, 2011, 27, 140-152.	0.3	14
11	Sensitivity of a third generation wave model to wind and boundary condition sources and model physics: A case study from the South Atlantic Ocean off Brazil coast. Computers and Geosciences, 2016, 90, 57-65.	4.2	13
12	Simulating tropical storms in the Gulf of Mexico using analytical models. Oceanologia, 2020, 62, 173-189.	2.2	12
13	Winter storm-induced hydrodynamics and morphological response of a shallow transgressive shoal complex: Northern Gulf of Mexico. Estuarine, Coastal and Shelf Science, 2015, 154, 58-68.	2.1	11
14	Investigation of RS and GIS techniques on MPSIAC model to estimate soil erosion. Natural Hazards, 2018, 91, 221-238.	3.4	11
15	Observing and estimating of intensive triad interaction occurrence in very shallow water. Continental Shelf Research, 2016, 122, 68-76.	1.8	10
16	Comparison between optical and acoustical estimation of suspended sediment concentration: Field study from a muddy coast. Ocean Engineering, 2013, 72, 11-24.	4.3	9
17	Measurement of tidal and residual currents in the Strait of Hormuz. Estuarine, Coastal and Shelf Science, 2016, 178, 101-109.	2.1	9
18	Tidal asymmetry in a tidal creek with mixed mainly semidiurnal tide, Bushehr Port, Persian Gulf. Ocean Science Journal, 2016, 51, 195-208.	1.3	8

#	Article	IF	Citations
19	Seasonal variation of the double diffusion processes at the Strait of Hormuz. Acta Oceanologica Sinica, 2017, 36, 26-34.	1.0	7
20	Bound infragravity wave observations at the Nowshahr beaches, southern Caspian Sea. Applied Ocean Research, 2020, 98, 102122.	4.1	7
21	Start-up and operation of novel EN-MBBR system for sidestreams treatment and sensitivity analysis modeling using GPS-X simulation. AEJ - Alexandria Engineering Journal, 2022, 61, 10805-10818.	6.4	7
22	Field observations of hypersaline runoff through a shallow estuary. Estuarine, Coastal and Shelf Science, 2018, 202, 54-68.	2.1	6
23	The transverse dynamics of flow in a tidal channel within a greater strait. Ocean Dynamics, 2018, 68, 239-254.	2.2	6
24	Spectral Wave Modeling in Very Shallow Water at Southern Coast of Caspian Sea. Journal of Marine Science and Application, 2018, 17, 140-151.	1.7	6
25	Skill assessment of SWAN model in the red sea using different wind data. Regional Studies in Marine Science, 2019, 30, 100714.	0.7	6
26	Numerical simulation of waves in the Caspian Sea: calibration and verification of the observation-based source terms. Ocean Dynamics, 2021, 71, 699-714.	2.2	6
27	Modeling of novel processes for eliminating sidestreams impacts on full-scale sewage treatment plant using GPS-X7. Scientific Reports, 2022, 12, 2986.	3.3	6
28	Temperature, salinity and water-age variations in a tidal creek network, Bushehr Port, Iran. Journal of Coastal Conservation, 2018, 22, 1093-1106.	1.6	5
29	Seasonal variability of circulation and air-sea interaction in the Caspian Sea based on a high resolution circulation model. Journal of Great Lakes Research, 2019, 45, 1113-1129.	1.9	5
30	The Skill Assessment of Weather and Research Forecasting and WAVEWATCH-III Models During Recent Meteotsunami Event in the Persian Gulf. Frontiers in Marine Science, 2022, 9, .	2.5	5
31	Implementation of viscoelastic mud-induced energy attenuation in the third-generation wave model, SWAN. Ocean Dynamics, 2018, 68, 47-63.	2.2	4
32	Correcting the Sea Surface Temperature by Data Assimilation Over the Persian Gulf. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 141-149.	1.5	4
33	Numerical Modeling of Heat and Brine Discharge Near Qeshm Desalination Plant. International Journal of Coastal and Offshore Engineering, 2018, 1, 27-35.	0.2	4
34	Experimental study of bound triad interactions across a dissipative surf zone under different wave breaking conditions. Ocean Engineering, 2021, 235, 109427.	4.3	3
35	Improving the Persian Gulf sea surface temperature simulation by assimilating the satellite data via the ensemble Kalman. International Journal of Environmental Science and Technology, 2019, 16, 4113-4122.	3.5	1
36	The impact of ERA-Interim winds on wave generation model performance in the Southern Caspian Sea region. Meteorology and Atmospheric Physics, 2019, 131, 1281-1299.	2.0	1

#	Article	IF	Citations
37	Sandbar Migration Due to Cross-Shore Sediment Transport; A Case Study of Noshahr Coasts, Iran. International Journal of Maritime Technology, 0, 7, 29-37.	0.5	1
38	Enhanced predictions of tides in the Persian Gulf through data assimilatio. UqyÄnÅ«s/shinÄsÄ«, 2019, 10, 85-95.	0.1	0