HeeSook Kang

List of Publications by Year in descending order

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21 papers	603 citations	687363 13 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	711 citing authors

#	Article	IF	Citations
1	The Role of Mesoscale Dynamics over Northwestern Cuba in the Loop Current Evolution in 2010, during the Deepwater Horizon Incident. Journal of Marine Science and Engineering, 2021, 9, 188.	2.6	6
2	Long term simulations of potential oil spills around Cuba. Marine Pollution Bulletin, 2021, 167, 112285.	5.0	13
3	Impact of Caribbean Anticyclones on Loop Current variability. Ocean Dynamics, 2021, 71, 935-956.	2.2	8
4	Measuring oil residence time with GPS-drifters, satellites, and Unmanned Aerial Systems (UAS). Marine Pollution Bulletin, 2020, 150, 110644.	5.0	5
5	Pathways of Oil Spills from Potential Cuban Offshore Exploration: Influence of Ocean Circulation. Journal of Marine Science and Engineering, 2020, 8, 535.	2.6	14
6	Gulf Stream evolution through the Straits of Florida: the role of eddies and upwelling near Cuba. Ocean Dynamics, 2020, 70, 1005-1032.	2.2	10
7	In Situ Measurements of Circulation Features Influencing Crossâ€Shelf Transport Around Northwest Cuba. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015780.	2.6	7
8	Offshore Spreading of Mississippi Waters: Pathways and Vertical Structure Under Eddy Influence. Journal of Geophysical Research: Oceans, 2019, 124, 5952-5978.	2.6	33
9	The DeepWater Horizon Oil Slick: Simulations of River Front Effects and Oil Droplet Size Distribution. Journal of Marine Science and Engineering, 2019, 7, 329.	2.6	18
10	Coral mortality event in the Flower Garden Banks of the Gulf of Mexico in July 2016: Local hypoxia due to cross-shelf transport of coastal flood waters?. Continental Shelf Research, 2019, 190, 103988.	1.8	16
11	Physical connectivity between Pulley Ridge and Dry Tortugas coral reefs under the influence of the Loop Current/Florida Current system. Progress in Oceanography, 2018, 165, 75-99.	3.2	25
12	Influence of Riverâ€Induced Fronts on Hydrocarbon Transport: A Multiplatform Observational Study. Journal of Geophysical Research: Oceans, 2018, 123, 3259-3285.	2.6	34
13	OSSE quantitative assessment of rapidâ€response prestorm ocean surveys to improve coupled tropical cyclone prediction. Journal of Geophysical Research: Oceans, 2017, 122, 5729-5748.	2.6	15
14	The Dynamics of Cuba Anticyclones (CubANs) and Interaction With the Loop Current/Florida Current System. Journal of Geophysical Research: Oceans, 2017, 122, 7897-7923.	2.6	22
15	Potential Impacts of PCBs on Sediment Microbiomes in a Tropical Marine Environment. Journal of Marine Science and Engineering, 2016, 4, 13.	2.6	1
16	The perfect storm: Match-mismatch of bio-physical events drives larval reef fish connectivity between Pulley Ridge mesophotic reef and the Florida Keys. Continental Shelf Research, 2016, 125, 136-146.	1.8	58
17	North Atlantic Ocean OSSE system development: Nature Run evaluation and application to hurricane interaction with the Gulf Stream. Progress in Oceanography, 2016, 148, 1-25.	3.2	23
18	Hurricane interaction with the upper ocean in the Amazon-Orinoco plume region. Ocean Dynamics, 2016, 66, 1559-1588.	2.2	25

#	Article	IF	Citations
19	Florida Current meandering and evolution of cyclonic eddies along the Florida Keys Reef Tract: Are they interconnected?. Journal of Geophysical Research, 2012, 117, .	3.3	75
20	On the modeling of the 2010 Gulf of Mexico Oil Spill. Dynamics of Atmospheres and Oceans, 2011, 52, 322-340.	1.8	145
21	Evaluation of Global Ocean Data Assimilation Experiment products on South Florida nested simulations with the Hybrid Coordinate Ocean Model. Ocean Dynamics, 2009, 59, 47-66.	2.2	50