

HeeSook Kang

List of Publications by Year in descending order

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Version: 2024-02-01

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	On the modeling of the 2010 Gulf of Mexico Oil Spill. Dynamics of Atmospheres and Oceans, 2011, 52, 322-340.	1.8	145
2	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
3	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
4	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
5	Influence of River-Induced Fronts on Hydrocarbon Transport: A Multiplatform Observational Study. Journal of Geophysical Research: Oceans, 2018, 123, 3259-3285.	2.6	34
6	Offshore Spreading of Mississippi Waters: Pathways and Vertical Structure Under Eddy Influence. Journal of Geophysical Research: Oceans, 2019, 124, 5952-5978.	2.6	33
7	Hurricane interaction with the upper ocean in the Amazon-Orinoco plume region. Ocean Dynamics, 2016, 66, 1559-1588.	2.2	25
8	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
9	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
10	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
11	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
12	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
13	OSSE quantitative assessment of rapid-response prestorm ocean surveys to improve coupled tropical cyclone prediction. Journal of Geophysical Research: Oceans, 2017, 122, 5729-5748.	2.6	15
14	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
15	Long term simulations of potential oil spills around Cuba. Marine Pollution Bulletin, 2021, 167, 112285.	5.0	13
16	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
17	Impact of Caribbean Anticyclones on Loop Current variability. Ocean Dynamics, 2021, 71, 935-956.	2.2	8
18	In Situ Measurements of Circulation Features Influencing Cross-Shelf Transport Around Northwest Cuba. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015780.	2.6	7

#	ARTICLE	IF	CITATIONS
19	The Role of Mesoscale Dynamics over Northwestern Cuba in the Loop Current Evolution in 2010, during the Deepwater Horizon Incident. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 188.	2.6	6
20	Measuring oil residence time with GPS-drifters, satellites, and Unmanned Aerial Systems (UAS). <i>Marine Pollution Bulletin</i> , 2020, 150, 110644.	5.0	5
21	Potential Impacts of PCBs on Sediment Microbiomes in a Tropical Marine Environment. <i>Journal of Marine Science and Engineering</i> , 2016, 4, 13.	2.6	1