Kenneth S Casey

List of Publications by Year
in descending order

28 papers	12,225 citations	361296 20 h-index	552653 26 g-index
30 all docs	30 docs citations	30 times ranked	15804 citing authors

#	Article	IF	Citations
1	A Global Map of Human Impact on Marine Ecosystems. Science, 2008, 319, 948-952.	6.0	5,034
2	Daily High-Resolution-Blended Analyses for Sea Surface Temperature. Journal of Climate, 2007, 20, 5473-5496.	1.2	3,371
3	Spatial and temporal changes in cumulative human impacts on the worldâ€™s ocean. Nature Communications, 2015, 6, 7615.	5.8	1,030
4	Thermal Stress and Coral Cover as Drivers of Coral Disease Outbreaks. PLoS Biology, 2007, 5, e124.	2.6	694
5	The Global Ocean Data Assimilation Experiment High-resolution Sea Surface Temperature Pilot Project. Bulletin of the American Meteorological Society, 2007, 88, 1197-1214.	1.7	324
6	THE GODAE HIGH-RESOLUTION SEA SURFACE TEMPERATURE PILOT PROJECT. Oceanography, 2009, 22, 34-45.	0.5	322
7	The Past, Present, and Future of the AVHRR Pathfinder SST Program. , 2010, , 273-287.		186
8	A Comparison of Satellite and In Situâ€“Based Sea Surface Temperature Climatologies. Journal of Climate, 1999, 12, 1848-1863.	1.2	175
9	Ocean FAIR Data Services. Frontiers in Marine Science, 2019, 6, .	1.2	116
10	New insights into global patterns of ocean temperature anomalies: implications for coral reef health and management. Global Ecology and Biogeography, 2010, 19, 397-411.	2.7	112
11	A map of human impacts to a â€œpristineâ€•coral reef ecosystem, the PapahÄnaumokuÄkea Marine National Monument. Coral Reefs, 2009, 28, 635-650.	0.9	111
12	Temperatureâ€driven coral decline: the role of marine protected areas. Global Change Biology, 2012, 18, 1561-1570.	4.2	107
13	The distribution of the thermally tolerant symbiont lineage (<scp>S</scp>ymbiodinium clade D) in corals from <scp>H</scp>awaii: correlations with host and the history of ocean thermal stress. Ecology and Evolution, 2013, 3, 1317-1329.	0.8	95
14	Global and Regional Sea Surface Temperature Trends. Journal of Climate, 2001, 14, 3801-3818.	1.2	92
15	Observational Needs of Sea Surface Temperature. Frontiers in Marine Science, 2019, 6, .	1.2	89
16	Warming Seas in the Coral Triangle: Coral Reef Vulnerability and Management Implications. Coastal Management, 2010, 38, 518-539.	1.0	74
17	Climatological context for large-scale coral bleaching. Coral Reefs, 2005, 24, 536-554.	0.9	56
18	Analyzing the relationship between ocean temperature anomalies and coral disease outbreaks at broad spatial scales. Coastal and Estuarine Studies, 2006, , 111-128.	0.4	53

#	Article	IF	Citations
19	The Multi-Sensor Improved Sea Surface Temperature (MISST) Project. Oceanography, 2009, 22, 76-87.	0.5	52
20	Ocean Data Product Integration Through Innovation-The Next Level of Data Interoperability. Frontiers in Marine Science, 2019, 6, .	1.2	40
21	Sea surface temperature and sea surface height variability in the North Pacific Ocean from 1993 to 1999. Journal of Geophysical Research, 2002, 107, 14-1.	3.3	28
22	Comparison between the Pathfinder Versions 5.0 and 4.1 Sea Surface Temperature Datasets: A Case Study for High Resolution. Journal of Climate, 2010, 23, 1047-1059.	1.2	14
23	Data Interoperability Between Elements of the Global Ocean Observing System. Frontiers in Marine Science, 2019, 6, .	1.2	13
24	Scientific Stewardship in the Open Data and Big Data Era Â— Roles and Responsibilities of Stewards and Other Major Product Stakeholders. D-Lib Magazine, 2016, 22, .	0.5	13
25	Advantages of fine resolution SSTs for small ocean basins: Evaluation in the Black Sea. Journal of Geophysical Research, 2008, 113, .	3.3	12
26	Data Management for the Ocean Sciences - Perspectives for the Next Decade. , 2010, , .		5
27	Ocean Climate and Satellite Optical Radiometry. Experimental Methods in the Physical Sciences, 2014, 47, 3-12.	0.1	1
28	Global and regional Pathfinder SST fields: characterization and validation. , 0, , .		0