

# Sarantis S Sofianos

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,010  
citations

471509

17  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1474  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decadal scale variability of sea surface temperature in the Mediterranean Sea in relation to atmospheric variability. <i>Ocean Dynamics</i> , 2012, 62, 13-30.	2.2	150
2	An Oceanic General Circulation Model (OGCM) investigation of the Red Sea circulation: 2. Three-dimensional circulation in the Red Sea. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	141
3	Observations of the summer Red Sea circulation. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	122
4	An Oceanic General Circulation Model (OGCM) investigation of the Red Sea circulation, 1. Exchange between the Red Sea and the Indian Ocean. <i>Journal of Geophysical Research</i> , 2002, 107, 17-1.	3.3	87
5	Challenges for Sustained Observing and Forecasting Systems in the Mediterranean Sea. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	47
6	Recent progress in performance evaluations and near real-time assessment of operational ocean products. <i>Journal of Operational Oceanography</i> , 2015, 8, s221-s238.	1.2	41
7	Factors governing the deep ventilation of the Red Sea. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 7493-7505.	2.6	36
8	Wind induced sea level variability in the Red Sea. <i>Geophysical Research Letters</i> , 2001, 28, 3175-3178.	4.0	34
9	Towards an End-to-End Analysis and Prediction System for Weather, Climate, and Marine Applications in the Red Sea. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E99-E122.	3.3	31
10	Oil spill forecasting (prediction). <i>Journal of Marine Research</i> , 2017, 75, 923-953.	0.3	30
11	Natural Climate Oscillations may Counteract Red Sea Warming Over the Coming Decades. <i>Geophysical Research Letters</i> , 2019, 46, 3454-3461.	4.0	30
12	Mediterranean Sea climatic indices: monitoring long-term variability and climate changes. <i>Earth System Science Data</i> , 2018, 10, 1829-1842.	9.9	29
13	Dissolved oxygen variability in the Mediterranean Sea. <i>Journal of Marine Systems</i> , 2020, 208, 103348.	2.1	26
14	Modelling the impact of Black Sea water inflow on the North Aegean Sea hydrodynamics. <i>Ocean Dynamics</i> , 2010, 60, 585-596.	2.2	24
15	Atmospherically Forced Exchange through the Bab el Mandeb Strait. <i>Journal of Physical Oceanography</i> , 2012, 42, 1143-1157.	1.7	24
16	The current situation and potential effects of climate change on the microbial load of marine bivalves of the Greek coastlines: an integrative review. <i>Environmental Microbiology</i> , 2022, 24, 1012-1034.	3.8	20
17	Physical and biological characteristics of the winter-summer transition in the Red Sea. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 6355-6370.	2.6	19
18	Long-term sea surface temperature variability in the Aegean Sea. <i>Advances in Oceanography and Limnology</i> , 2011, 2, 125.	0.6	19

#	ARTICLE	IF	CITATIONS
19	Interannual Variability of the Exchange Flow Through the Strait of Babâ€Mandeb. Journal of Geophysical Research: Oceans, 2019, 124, 1988-2009.	2.6	17
20	Distribution of the thermohaline characteristics in the Aegean Sea related to water mass formation processes (2005â€2006 winter surveys). Journal of Geophysical Research, 2011, 116, .	3.3	16
21	Long-term sea surface temperature variability in the Aegean Sea. Advances in Oceanography and Limnology, 2011, 2, 125-139.	0.6	15
22	Modelling mussel (&lt;i>Mytilus spp.&lt;/i>) microplastic accumulation. Ocean Science, 2020, 16, 927-949.	3.4	14
23	Variability of water exchanges through the Strait of Hormuz. Ocean Dynamics, 2020, 70, 1053-1065.	2.2	9
24	The influence of Black Sea Water inflow and its synoptic time-scale variability in the North Aegean Sea hydrodynamics. Ocean Dynamics, 2016, 66, 195-206.	2.2	7
25	The Impact of Tides on the Bay of Biscay Dynamics. Journal of Marine Science and Engineering, 2020, 8, 617.	2.6	7
26	Development, application and evaluation of a 1-D full life cycle anchovy and sardine model for the North Aegean Sea (Eastern Mediterranean). PLoS ONE, 2019, 14, e0219671.	2.5	5
27	The Hellenic Marine Observing, Forecasting and Technology Systemâ€An Integrated Infrastructure for Marine Research. Journal of Marine Science and Engineering, 2022, 10, 329.	2.6	5
28	Capturing a Mode of Intermediate Water Formation in the Red Sea. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015803.	2.6	4