Dimitris Velaoras

List of Publications by Year in descending order

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27 papers	538 citations	567281 15 h-index	642732 23 g-index
34 all docs	34 docs citations	34 times ranked	613 citing authors

#	Article	IF	Citations
1	Dense intermediate water outflow from the <scp>C</scp>retan <scp>S</scp>ea: A salinity driven, recurrent phenomenon, connected to thermohaline circulation changes. Journal of Geophysical Research: Oceans, 2014, 119, 4797-4820.	2.6	61
2	Deep water mass characteristics and interannual variability in the North and Central Aegean Sea. Journal of Marine Systems, 2005, 53, 59-85.	2.1	46
3	Holocene Climatic Optimum centennial-scale paleoceanography in the NE Aegean (Mediterranean Sea). Geo-Marine Letters, 2016, 36, 51-66.	1.1	41
4	Occurrence, sources and transport pathways of natural and anthropogenic hydrocarbons in deep-sea sediments of the eastern Mediterranean Sea. Biogeosciences, 2013, 10, 6069-6089.	3.3	39
5	Phytoplankton dynamics and bloom formation in the oligotrophic Eastern Mediterranean: Field studies in the Aegean, Levantine and Ionian seas. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 171, 104662.	1.4	31
6	Northâ€“Central Aegean Sea surface and intermediate water masses and their role in triggering the Eastern Mediterranean Transient. Journal of Marine Systems, 2010, 83, 58-66.	2.1	30
7	Temperature and salinity variability in the Greek Seas based on POSEIDON stations time series: preliminary results. Mediterranean Marine Science, 2013, 14, 5.	1.6	30
8	On the continuous functioning of an internal mechanism that drives the Eastern Mediterranean thermohaline circulation: The recent activation of the Aegean Sea as a dense water source area. Journal of Marine Systems, 2014, 129, 484-489.	2.1	28
9	Downward fluxes of sinking particulate matter in the deep Ionian Sea (NESTOR site), eastern Mediterranean: seasonal and interannual variability. Biogeosciences, 2013, 10, 7235-7254.	3.3	23
10	Effects of the Eastern Mediterranean Sea circulation on the thermohaline properties as recorded by fixed deep-ocean observatories. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 112, 1-13.	1.4	22
11	Water masses and hydrography during April and June 2016 in the Cretan Sea and CretanÂPassage (Eastern Mediterranean Sea). Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 164, 25-40.	1.4	20
12	The Response of the Aegean Sea (Eastern Mediterranean) to the Extreme 2016â€“2017 Winter. Geophysical Research Letters, 2017, 44, 9416-9423.	4.0	19
13	Recurrent intrusions of transitional waters of Eastern Mediterranean origin in the Cretan Sea as a tracer of Aegean Sea dense water formation events. Progress in Oceanography, 2015, 135, 113-124.	3.2	17
14	Particle characterization and composition in the NE Aegean Sea: Combining optical methods and biogeochemical parameters. Continental Shelf Research, 2017, 149, 96-111.	1.8	15
15	Enhanced carbon export to the abyssal depths driven by atmosphere dynamics. Geophysical Research Letters, 2016, 43, 8626-8636.	4.0	14
16	Seasonal variations of biochemical and optical properties, physical dynamics and N stable isotopic composition in three northeastern Mediterranean basins (Aegean, Cretan and Ionian Seas). Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 171, 104704.	1.4	10
17	How schlieren affects beam transmissometers and LISST-Deep: an example from the stratified Danube River delta, NW Black Sea. Mediterranean Marine Science, 2015, 16, 366.	1.6	8
18	Mesozooplankton vertical patterns along an east-west transect in the oligotrophic Mediterranean sea during early summer. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 164, 170-189.	1.4	7

#	Article	IF	Citations
19	Zooplankton distribution, growth and respiration in the Cretan Passage, Eastern Mediterranean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 164, 156-169.	1.4	6
20	BGCâ€Argo Floats Observe Nitrate Injection and Spring Phytoplankton Increase in the Surface Layer of Levantine Sea (Eastern Mediterranean). Geophysical Research Letters, 2021, 48, e2020GL091649.	4.0	5
21	Atmospheric and Oceanographic Forcing Impact Particle Flux Composition and Carbon Sequestration in the Eastern Mediterranean Sea: A Three-Year Time-Series Study in the Deep Ierapetra Basin. Frontiers in Earth Science, 2021, 9, .	1.8	4
22	The Physical Characteristics and Dynamics of the Aegean Water Masses. Handbook of Environmental Chemistry, 2021, , 1.	0.4	4
23	Physical and biogeochemical parameters of the Mediterranean Sea during a cruise with RV <i>Maria S. Merian</i> in March 2018. Earth System Science Data, 2020, 12, 2747-2763.	9.9	4
24	Sources of the Levantine Intermediate Water in Winter 2019. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	4
25	Mesozooplankton community structure in the Eastern Mediterranean Sea. Journal of Marine Systems, 2020, 211, 103401.	2.1	3
26	Optical Properties and Biochemical Indices of Marine Particles in the Open Mediterranean Sea: The R/V Maria S. Merian Cruise, March 2018. Frontiers in Earth Science, 2021, 9, .	1.8	3
27	Current structures and topographic Rossby waves in the Levantine basin south of Crete revealed by snapshot and time series current measurements.. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 171, 104620.	1.4	1