

Yannis N Krestenitis

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

618
citations

567281

15
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

650
citing authors

#	ARTICLE	IF	CITATIONS
1	Sea Surface Temperature Variability and Marine Heat Waves over the Aegean, Ionian, and Cretan Seas from 2008â€“2021. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 42.	2.6	24
2	Integrated modelling of sea-state forecasts for safe navigation and operational management in ports: Application in the Mediterranean Sea. <i>Applied Mathematical Modelling</i> , 2021, 89, 1206-1234.	4.2	15
3	A community-based approach for site-specific policies and solutions on marine litter: the example of Paphos, Cyprus. <i>Environment Systems and Decisions</i> , 2021, 41, 33-44.	3.4	4
4	Effects of ocean circulation on the eutrophication of a Mediterranean gulf with river inlets: The Northern Thermaikos Gulf. <i>Continental Shelf Research</i> , 2021, 221, 104416.	1.8	13
5	Nonstationary Extreme Value Analysis of Nearshore Sea-State Parameters under the Effects of Climate Change: Application to the Greek Coastal Zone and Port Structures. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 817.	2.6	10
6	Assessing the Vulnerability of a Deltaic Environment due to Climate Change Impact on Surface and Coastal Waters: The Case of Nestos River (Greece). <i>Environmental Modeling and Assessment</i> , 2021, 26, 459-486.	2.2	18
7	Cloud Data Scraping for the Assessment of Outflows from Dammed Rivers in the EU. A Case Study in South Eastern Europe. <i>Sustainability</i> , 2020, 12, 7926.	3.2	8
8	Coastal upwelling over the North Aegean Sea: Observations and simulations. <i>Continental Shelf Research</i> , 2017, 149, 32-51.	1.8	20
9	Climate change effects on the marine characteristics of the Aegean and Ionian Seas. <i>Ocean Dynamics</i> , 2016, 66, 1603-1635.	2.2	37
10	Numerical modeling of surf zone dynamics under weakly plunging breakers with SPH method. <i>Ocean Modelling</i> , 2016, 98, 12-35.	2.4	29
11	Effective mussel-farming governance in Greece: Testing the guidelines through models, to evaluate sustainable management alternatives. <i>Ocean and Coastal Management</i> , 2015, 118, 247-258.	4.4	8
12	Storm surges in the Mediterranean Sea: Variability and trends under future climatic conditions. <i>Dynamics of Atmospheres and Oceans</i> , 2015, 71, 56-82.	1.8	75
13	Connectivity of North Aegean circulation to the Black Sea water budget. <i>Continental Shelf Research</i> , 2012, 48, 8-26.	1.8	25
14	Simulation and multicriteria analysis in sustainable coastal planning: the case of aquaculture in Thermaikos Gulf, Greece. <i>Environment, Development and Sustainability</i> , 2012, 14, 1027-1045.	5.0	9
15	Variability of deep water mass characteristics in the North Aegean Sea: The role of lateral inputs and atmospheric conditions. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 67, 55-72.	1.4	36
16	Aspects of Mussel-Farming Activity in Chalastra, Thermaikos Gulf, Greece: An Effort to Untie a Management Gordian Knot. <i>Ecology and Society</i> , 2012, 17, .	2.3	25
17	Fine sediment transport model for river influenced microtidal shelf seas with application to the Thermaikos Gulf (NW Aegean Sea). <i>Continental Shelf Research</i> , 2012, 36, 41-62.	1.8	11
18	Interannual variability of the physical characteristics of North Thermaikos Gulf (NW Aegean Sea). <i>Journal of Marine Systems</i> , 2012, 96-97, 132-151.	2.1	22

#	ARTICLE	IF	CITATIONS
19	Modeling of the upwelling hydrodynamics in the Aegean Sea. Mediterranean Marine Science, 2012, 5, 5.	1.6	6
20	Development of a two-layer mathematical model for the study of hydrodynamic circulation in the sea. Application to the Thermaikos gulf. Mediterranean Marine Science, 2012, 3, 5.	1.6	2
21	Simulating the fate of mechanically eroded masses in the Thermaikos Gulf. Continental Shelf Research, 2011, 31, 817-831.	1.8	6
22	Coastal inundation in the north-eastern mediterranean coastal zone due to storm surge events. Journal of Coastal Conservation, 2011, 15, 353-368.	1.6	35
23	Modelling the cohesive sediment transport in the marine environment: the case of Thermaikos Gulf. Ocean Science, 2007, 3, 91-104.	3.4	22
24	Modelling the water mass exchange through navigational channels connecting adjacent coastal basins - application to the Channel of Potidea (North Aegean Sea). Annales Geophysicae, 2005, 23, 231-238.	1.6	9
25	Modelling studies on the processes that influence matter transfer on the Gulf of Thermaikos (NW) Tj ETQq1 1 0.784314 rgBT/Overlook	1.8	26
26	The seasonal cycles of stratification and circulation in the Thermaikos Gulf Region Of Freshwater Influence (ROFI), north-west Aegean. Continental Shelf Research, 2002, 22, 2573-2597.	1.8	44
27	A comparison of 2D storm surge models applied to three shallow European seas. Environmental Software, 1995, 10, 23-42.	0.3	67
28	Modelling the water mass circulation in the Aegean Sea. Part I: wind stresses, thermal and haline fluxes. Annales Geophysicae, 1994, 12, 794-807.	1.6	9
29	Modelling the steady-state circulation in a distorted physical model of the Windermere Basin. Canadian Journal of Civil Engineering, 1991, 18, 756-764.	1.3	3