

Yannis N Krestenitis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6920297/publications.pdf>

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	Storm surges in the Mediterranean Sea: Variability and trends under future climatic conditions. Dynamics of Atmospheres and Oceans, 2015, 71, 56-82.	1.8	75
2	A comparison of 2D storm surge models applied to three shallow European seas. Environmental Software, 1995, 10, 23-42.	0.3	67
3	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
4	Climate change effects on the marine characteristics of the Aegean and Ionian Seas. Ocean Dynamics, 2016, 66, 1603-1635.	2.2	37
5	Variability of deep water mass characteristics in the North Aegean Sea: The role of lateral inputs and atmospheric conditions. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 67, 55-72.	1.4	36
6	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
7	Numerical modeling of surf zone dynamics under weakly plunging breakers with SPH method. Ocean Modelling, 2016, 98, 12-35.	2.4	29
8	Modelling studies on the processes that influence matter transfer on the Gulf of Thermaikos (NW Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.8	26
9	Connectivity of North Aegean circulation to the Black Sea water budget. Continental Shelf Research, 2012, 48, 8-26.	1.8	25
10	Aspects of Mussel-Farming Activity in Chalastra, Thermaikos Gulf, Greece: An Effort to Untie a Management Gordian Knot. Ecology and Society, 2012, 17, .	2.3	25
11	Sea Surface Temperature Variability and Marine Heat Waves over the Aegean, Ionian, and Cretan Seas from 2008 to 2021. Journal of Marine Science and Engineering, 2022, 10, 42.	2.6	24
12	Modelling the cohesive sediment transport in the marine environment: the case of Thermaikos Gulf. Ocean Science, 2007, 3, 91-104.	3.4	22
13	Interannual variability of the physical characteristics of North Thermaikos Gulf (NW Aegean Sea). Journal of Marine Systems, 2012, 96-97, 132-151.	2.1	22
14	Coastal upwelling over the North Aegean Sea: Observations and simulations. Continental Shelf Research, 2017, 149, 32-51.	1.8	20
15	Assessing the Vulnerability of a Deltaic Environment due to Climate Change Impact on Surface and Coastal Waters: The Case of Nestos River (Greece). Environmental Modeling and Assessment, 2021, 26, 459-486.	2.2	18
16	Integrated modelling of sea-state forecasts for safe navigation and operational management in ports: Application in the Mediterranean Sea. Applied Mathematical Modelling, 2021, 89, 1206-1234.	4.2	15
17	Effects of ocean circulation on the eutrophication of a Mediterranean gulf with river inlets: The Northern Thermaikos Gulf. Continental Shelf Research, 2021, 221, 104416.	1.8	13
18	Fine sediment transport model for river influenced microtidal shelf seas with application to the Thermaikos Gulf (NW Aegean Sea). Continental Shelf Research, 2012, 36, 41-62.	1.8	11

#	ARTICLE	IF	CITATIONS
19	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
20	Modelling the water mass circulation in the Aegean Sea. Part I: wind stresses, thermal and haline fluxes. <i>Annales Geophysicae</i> , 1994, 12, 794-807.	1.6	9
21	Modelling the water mass exchange through navigational channels connecting adjacent coastal basins - application to the Channel of Potidea (North Aegean Sea). <i>Annales Geophysicae</i> , 2005, 23, 231-238.	1.6	9
22	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
23	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
24	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
25	Simulating the fate of mechanically eroded masses in the Thermaikos Gulf. <i>Continental Shelf Research</i> , 2011, 31, 817-831.	1.8	6
26	Modeling of the upwelling hydrodynamics in the Aegean Sea. <i>Mediterranean Marine Science</i> , 2012, 5, 5.	1.6	6
27	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
28	Modelling the steady-state circulation in a distorted physical model of the Windermere Basin. <i>Canadian Journal of Civil Engineering</i> , 1991, 18, 756-764.	1.3	3
29	Development of a two-layer mathematical model for the study of hydrodynamic circulation in the sea. Application to the Thermaikos gulf. <i>Mediterranean Marine Science</i> , 2012, 3, 5.	1.6	2