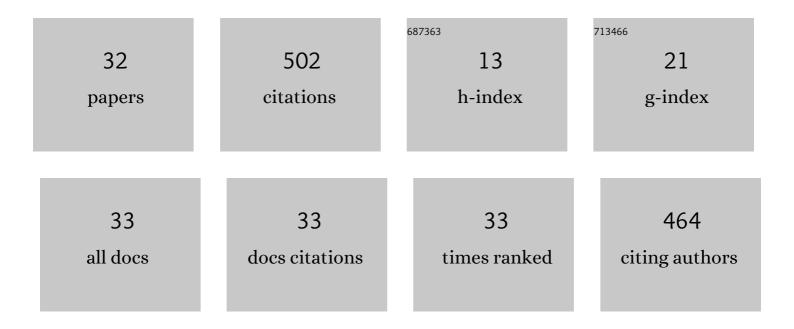
George Varlas

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Multi-Platform Hydrometeorological Analysis of the Flash Flood Event of 15 November 2017 in Attica, Greece. Remote Sensing, 2019, 11, 45.	4.0	53
2	Implementation of a two-way coupled atmosphere-ocean wave modeling system for assessing air-sea interaction over the Mediterranean Sea. Atmospheric Research, 2018, 208, 201-217.	4.1	50
3	Seasonal predictability of the 2010 Russian heat wave. Natural Hazards and Earth System Sciences, 2014, 14, 1531-1542.	3.6	37
4	A fully coupled atmosphere–ocean wave modeling system for the Mediterranean Sea: interactions and sensitivity to the resolved scales and mechanisms. Geoscientific Model Development, 2016, 9, 161-173.	3.6	35
5	Implementation of a Nowcasting Hydrometeorological System for Studying Flash Flood Events: The Case of Mandra, Greece. Remote Sensing, 2020, 12, 2784.	4.0	34
6	Flood Inundation Mapping at Ungauged Basins Using Coupled Hydrometeorological–Hydraulic Modelling: The Catastrophic Case of the 2006 Flash Flood in Volos City, Greece. Water (Switzerland), 2019, 11, 2328.	2.7	26
7	Delineating the relative contribution of climate related variables to chlorophyll-a and phytoplankton biomass in lakes using the ERA5-Land climate reanalysis data. Water Research, 2021, 196, 117053.	11.3	22
8	Investigating the impact of atmosphere–wave–ocean interactions on a Mediterranean tropical-like cyclone. Ocean Modelling, 2020, 153, 101675.	2.4	20
9	Unravelling Precipitation Trends in Greece since 1950s Using ERA5 Climate Reanalysis Data. Climate, 2022, 10, 12.	2.8	19
10	Analysis of a Low-level Coastal Jet off the Western Coast of Norway. Energy Procedia, 2014, 53, 162-172.	1.8	17
11	Modeling the Effects of Anthropogenic Land Cover Changes to the Main Hydrometeorological Factors in a Regional Watershed, Central Greece. Climate, 2019, 7, 129.	2.8	17
12	Trends of lake temperature, mixing depth and ice cover thickness of European lakes during the last four decades. Science of the Total Environment, 2022, 830, 154709.	8.0	16
13	Offshore Wind Energy Analysis of Cyclone Xaver over North Europe. Energy Procedia, 2016, 94, 37-44.	1.8	14
14	Assessing the Implicit Rain Impact on Sea State During Hurricane Sandy (2012). Geophysical Research Letters, 2018, 45, 12,015.	4.0	12
15	Evaluating Nature-Based Solution for Flood Reduction in Spercheios River Basin under Current and Future Climate Conditions. Sustainability, 2021, 13, 3885.	3.2	12
16	An analysis of the synoptic and dynamical characteristics of hurricane Sandy (2012). Meteorology and Atmospheric Physics, 2019, 131, 443-453.	2.0	11
17	Evaluating the Forecast Skill of a Hydrometeorological Modelling System in Greece. Atmosphere, 2021, 12, 902.	2.3	11
18	Characterization of Wind-Sea- and Swell-Induced Wave Energy along the Norwegian Coast. Atmosphere, 2020, 11, 166.	2.3	10

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#	Article	IF	CITATIONS
19	Assessing Sea-State Effects on Sea-Salt Aerosol Modeling in the Lower Atmosphere Using Lidar and In-Situ Measurements. Remote Sensing, 2021, 13, 614.	4.0	10
20	Investigating seaâ€state effects on flash flood hydrograph and inundation forecasting. Hydrological Processes, 2021, 35, e14151.	2.6	9
21	Spatiotemporal variability of marine renewable energy resources in Norway. Energy Procedia, 2017, 125, 180-189.	1.8	8
22	Four Decades of Surface Temperature, Precipitation, and Wind Speed Trends over Lakes of Greece. Sustainability, 2021, 13, 9908.	3.2	8
23	One-year assessment of the two-way coupled atmosphere-ocean wave modeling system CHAOS over the Mediterranean and Black Seas. Mediterranean Marine Science, 0, , .	1.6	8
24	On the Management of Nature-Based Solutions in Open-Air Laboratories: New Insights and Future Perspectives. Resources, 2021, 10, 36.	3.5	7
25	Assessment of Automatically Monitored Water Levels and Water Quality Indicators in Rivers with Different Hydromorphological Conditions and Pollution Levels in Greece. Hydrology, 2021, 8, 86.	3.0	7
26	Assessing the impact of Argo floats temperature measurements on the numerical weather prediction forecast skill. Mediterranean Marine Science, 2019, 20, 331.	1.6	6
27	Forecasting soil erosion and sediment yields during flash floods: The disastrous case of Mandra, Greece, 2017. Earth Surface Processes and Landforms, 2022, 47, 1744-1760.	2.5	6
28	Weather Systems Affecting the Meteorological Conditions over the Aegean Sea. Handbook of Environmental Chemistry, 2020, , 1.	0.4	5
29	Hydrographic effects of an intense "medicane―over the central-eastern Mediterranean Sea in 2018. Dynamics of Atmospheres and Oceans, 2021, 93, 101185.	1.8	5
30	Implementation of a Hybrid Surface Layer Parameterization Scheme for the Coupled Atmosphere-Ocean Wave System WEW. Springer Atmospheric Sciences, 2017, , 159-165.	0.3	3
31	Temperature Seasonal Predictability of the WRF Model. Springer Atmospheric Sciences, 2017, , 75-80.	0.3	1
32	Multiplatform hydrometeorological analysis of a flash flood event. , 2022, , 689-741.		0