

# Nicolaos P Theodossiou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1289840/publications.pdf>

Version: 2024-02-01

21  
papers

935  
citations

840776

11  
h-index

839539

18  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1365  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of Water Lifting Devices (Pumps) over the Centuries Worldwide. <i>Water</i> (Switzerland), 2015, 7, 5031-5060.	2.7	287
2	Analysis of emerging technologies in the hydropower sector. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 113, 109257.	16.4	177
3	Evaluation and optimisation of groundwater observation networks using the Kriging methodology. <i>Environmental Modelling and Software</i> , 2006, 21, 991-1000.	4.5	138
4	Sustainable energy modelling of non-interconnected Mediterranean islands. <i>Renewable Energy</i> , 2019, 133, 930-940.	8.9	56
5	Multiobjective Pump Scheduling Optimization Using Harmony Search Algorithm (HSA) and Polyphonic HSA. <i>Water Resources Management</i> , 2013, 27, 1249-1261.	3.9	39
6	Application of Non-Linear Simulation and Optimisation Models in Groundwater Aquifer Management. <i>Water Resources Management</i> , 2004, 18, 125-141.	3.9	38
7	Combined use of BEM and genetic algorithms in groundwater flow and mass transport problems. <i>Engineering Analysis With Boundary Elements</i> , 1999, 23, 555-565.	3.7	36
8	Application of the Harmony Search optimization algorithm for the solution of the multiple dam system scheduling. <i>Optimization and Engineering</i> , 2013, 14, 331-344.	2.4	32
9	Assessing Flood Hazard at River Basin Scale with an Index-Based Approach: The Case of Mouriki, Greece. <i>Geosciences</i> (Switzerland), 2018, 8, 50.	2.2	26
10	Supporting Renewablesâ€™ Penetration in Remote Areas through the Transformation of Non-Powered Dams. <i>Energies</i> , 2016, 9, 1054.	3.1	24
11	Assessing the Impacts of Climate Change on the Sustainability of Groundwater Aquifers. Application in Moudania Aquifer in N. Greece. <i>Environmental Processes</i> , 2016, 3, 1045-1061.	3.5	19
12	Optimal Design of Overtopping Breakwater for Energy Conversion (OBREC) Systems Using the Harmony Search Algorithm. <i>Frontiers in Energy Research</i> , 2019, 7, .	2.3	12
13	Delineating well-head protection areas under conditions of hydrogeological uncertainty. A case-study application in northern Greece. <i>Environmental Processes</i> , 2015, 2, 113-122.	3.5	11
14	Renewable energy production management with a new harmony search optimization toolkit. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 2603-2612.	4.1	11
15	Investigating groundwater vulnerability variation under future abstraction scenarios to estimate optimal pumping reduction rates. <i>Journal of Hydrology</i> , 2021, 598, 126297.	5.4	10
16	Numerical assessment of climate change impact on the hydrological regime of a small Mediterranean river, Lesvos Island, Greece. <i>Acta Horticulturae Et Regiotecturae</i> , 2021, 24, 28-48.	1.0	6
17	Quality assessment and hydrogeochemical status of potable water resources in a suburban area of northern Greece (Thermi Municipality, central Macedonia). <i>Desalination and Water Treatment</i> , 2016, 57, 11462-11471.	1.0	4
18	Irrigation Dams for Renewable Energy Production: A Case Study in an Agricultural Area in Greece. , 2014, , 270-294.		1

#	ARTICLE	IF	CITATIONS
19	Accelerating Science-Driven Blue Growth via a Competitive Intelligence Cloud/HPC Platform for AI-Based STI Policy Making. , 2022, 15, .		1
20	Smart Hydropower Water Distribution Networks, Use of Artificial Intelligence Methods and Metaheuristic Algorithms to Generate Energy from Existing Water Supply Networks. Energies, 2022, 15, 5166.	3.1	1
21	Feasibility Study for a Black Sea SDGs Observatory. , 2022, 15, .		0