

Nicolaos P Theodossiou

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

935
citations

840776

11
h-index

839539

18
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22
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22
docs citations

22
times ranked

1365
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerating Science-Driven Blue Growth via a Competitive Intelligence Cloud/HPC Platform for AI-Based STI Policy Making. , 2022, 15, .		1
2	Feasibility Study for a Black Sea SDGs Observatory. , 2022, 15, .		0
3	Smart Hydropower Water Distribution Networks, Use of Artificial Intelligence Methods and Metaheuristic Algorithms to Generate Energy from Existing Water Supply Networks. <i>Energies</i> , 2022, 15, 5166.	3.1	1
4	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
5	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
6	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
7	Analysis of emerging technologies in the hydropower sector. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 113, 109257.	16.4	177
8	Sustainable energy modelling of non-interconnected Mediterranean islands. <i>Renewable Energy</i> , 2019, 133, 930-940.	8.9	56
9	Assessing Flood Hazard at River Basin Scale with an Index-Based Approach: The Case of Mouriki, Greece. <i>Geosciences (Switzerland)</i> , 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	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
13	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
14	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
15	Evolution of Water Lifting Devices (Pumps) over the Centuries Worldwide. <i>Water (Switzerland)</i> , 2015, 7, 5031-5060.	2.7	287
16	Irrigation Dams for Renewable Energy Production: A Case Study in an Agricultural Area in Greece. , 2014, , 270-294.		1
17	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
18	Multiobjective Pump Scheduling Optimization Using Harmony Search Algorithm (HSA) and Polyphonic HSA. <i>Water Resources Management</i> , 2013, 27, 1249-1261.	3.9	39

#	ARTICLE	IF	CITATIONS
19	Evaluation and optimisation of groundwater observation networks using the Kriging methodology. Environmental Modelling and Software, 2006, 21, 991-1000.	4.5	138
20	Application of Non-Linear Simulation and Optimisation Models in Groundwater Aquifer Management. Water Resources Management, 2004, 18, 125-141.	3.9	38
21	Combined use of BEM and genetic algorithms in groundwater flow and mass transport problems. Engineering Analysis With Boundary Elements, 1999, 23, 555-565.	3.7	36