

# George Caralis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9708594/publications.pdf>

Version: 2024-02-01

17  
papers

523  
citations

840776

11  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Is the Large-Scale Development of Wind-PV with Hydro-Pumped Storage Economically Feasible in Greece?. Applied Sciences (Switzerland), 2021, 11, 2368.	2.5	7
2	The Effect of Wind Energy on Microclimate: Lessons Learnt from a CFD Modelling Approach in the Case Study of Chios Island. Applied Sciences (Switzerland), 2021, 11, 5873.	2.5	2
3	A Probabilistic Approach to Analyze Wind Energy Curtailment in Non-Interconnected Greek Islands Based on Typical Wind Year Meteorological Data. Fluids, 2020, 5, 123.	1.7	1
4	Analysis of energy storage systems to exploit wind energy curtailment in Crete. Renewable and Sustainable Energy Reviews, 2019, 103, 122-139.	16.4	40
5	Lessons learnt from the evaluation of the feed-in tariff scheme for offshore wind farms in Greece using a Monte Carlo approach. Journal of Wind Engineering and Industrial Aerodynamics, 2016, 157, 63-75.	3.9	12
6	Desalination using renewable energy sources on the arid islands of South Aegean Sea. Energy, 2016, 94, 262-272.	8.8	60
7	Development of Aeolian map of China using mesoscale atmospheric modelling. Renewable Energy, 2015, 74, 60-69.	8.9	4
8	Profitability of wind energy investments in China using a Monte Carlo approach for the treatment of uncertainties. Renewable and Sustainable Energy Reviews, 2014, 40, 224-236.	16.4	46
9	The role of pumped storage systems towards the large scale wind integration in the Greek power supply system. Renewable and Sustainable Energy Reviews, 2012, 16, 2558-2565.	16.4	75
10	Feed-in tariffs for promotion of energy storage technologies. Energy Policy, 2011, 39, 1410-1425.	8.8	59
11	Integration of wind and hydrogen technologies in the power system of Corvo island, Azores: A cost-benefit analysis. International Journal of Hydrogen Energy, 2011, 36, 8143-8151.	7.1	50
12	Value of wind energy on the reliability of autonomous power systems. IET Renewable Power Generation, 2010, 4, 186.	3.1	21
13	On the market of wind with hydro-pumped storage systems in autonomous Greek islands. Renewable and Sustainable Energy Reviews, 2010, 14, 2221-2226.	16.4	52
14	The effect of spatial dispersion of wind power plants on the curtailment of wind power in the Greek power supply system. Wind Energy, 2010, 13, 339-355.	4.2	9
15	On the effect of spatial dispersion of wind power plants on the wind energy capacity credit in Greece. Environmental Research Letters, 2008, 3, 015003.	5.2	20
16	Analysis of Wind Power Penetration in Autonomous Greek Islands. Wind Engineering, 2007, 31, 487-502.	1.9	11
17	Analysis of the combined use of wind and pumped storage systems in autonomous Greek islands. IET Renewable Power Generation, 2007, 1, 49.	3.1	54