

# Dimitris Al Katsaparakakis

## List of Publications by Year in descending order

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32  
papers

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citations

394286

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434063

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32  
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32  
docs citations

32  
times ranked

770  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Transition on Sifnos: An Approach to Economic and Social Transition and Development. Applied Sciences (Switzerland), 2022, 12, 2680.	1.3	9
2	A Multidisciplinary Approach for an Effective and Rational Energy Transition in Crete Island, Greece. Energies, 2022, 15, 3010.	1.6	9
3	Dynamic modeling of combined concentrating solar tower and parabolic trough for increased day-to-day performance. Applied Energy, 2022, 323, 119450.	5.1	23
4	Concentrating Solar Power Advances in Geometric Optics, Materials and System Integration. Energies, 2021, 14, 6229.	1.6	17
5	A Comprehensive Analysis of Wind Turbine Blade Damage. Energies, 2021, 14, 5974.	1.6	36
6	Wind Parks Design, Including Representative Case Studies. , 2021, , .		0
7	Energy Performance of Buildings with Thermochromic Windows in Mediterranean Climates. Energies, 2021, 14, 6977.	1.6	9
8	Basic Principles, Most Common Computational Tools, and Capabilities for Building Energy and Urban Microclimate Simulations. Energies, 2021, 14, 6707.	1.6	18
9	Working on Buildings™ Energy Performance Upgrade in Mediterranean Climate. Energies, 2020, 13, 2159.	1.6	22
10	Computational Simulation and Dimensioning of Solar-Combi Systems for Large-Size Sports Facilities: A Case Study for the Pancretan Stadium, Crete, Greece. Energies, 2020, 13, 2285.	1.6	17
11	Operation Algorithms and Computational Simulation of Physical Cooling and Heat Recovery for Indoor Space Conditioning. A Case Study for a Hydro Power Plant in Lugano, Switzerland. Sustainability, 2019, 11, 4574.	1.6	1
12	Comparing electricity storage technologies for small insular grids. Energy Procedia, 2019, 159, 84-89.	1.8	9
13	Introducing a solar-combi system for hot water production and swimming pools heating in the Pancretan Stadium, Crete, Greece. Energy Procedia, 2019, 159, 174-179.	1.8	8
14	Optimized Dimensioning and Operation Automation for a Solar-Combi System for Indoor Space Heating. A Case Study for a School Building in Crete. Energies, 2019, 12, 177.	1.6	15
15	Comparing electricity storage technologies for small insular grids. Applied Energy, 2019, 251, 113332.	5.1	22
16	Potential on Energy Performance Upgrade of National Stadiums: A Case Study for the Pancretan Stadium, Crete, Greece. Applied Sciences (Switzerland), 2019, 9, 1544.	1.3	16
17	Faroe Islands: Towards 100% R.E.S. penetration. Renewable Energy, 2019, 135, 473-484.	4.3	27
18	A hybrid power plant towards 100% energy autonomy for the island of Sifnos, Greece. Perspectives created from energy cooperatives. Energy, 2018, 161, 680-698.	4.5	42

#	ARTICLE	IF	CITATIONS
19	Upgrading Energy Efficiency For School Buildings In Greece. <i>Procedia Environmental Sciences</i> , 2017, 38, 248-255.	1.3	20
20	Energy upgrading of buildings. A holistic approach for the Natural History Museum of Crete, Greece. <i>Renewable Energy</i> , 2017, 114, 1306-1332.	4.3	22
21	The exploitation of electricity production projects from Renewable Energy Sources for the social and economic development of remote communities. The case of Greece: An example to avoid. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 54, 341-349.	8.2	28
22	Hybrid power plants in non-interconnected insular systems. <i>Applied Energy</i> , 2016, 164, 268-283.	5.1	44
23	Comparison of swimming pools alternative passive and active heating systems based on renewable energy sources in Southern Europe. <i>Energy</i> , 2015, 81, 738-753.	4.5	36
24	The feasibility of the introduction of natural gas into the electricity production system in the island of Crete (Greece). <i>Energy for Sustainable Development</i> , 2015, 27, 155-167.	2.0	6
25	Seawater pumped storage systems and offshore wind parks in islands with low onshore wind potential. A fundamental case study. <i>Energy</i> , 2014, 66, 470-486.	4.5	51
26	Technical details regarding the design, the construction and the operation of seawater pumped storage systems. <i>Energy</i> , 2013, 55, 619-630.	4.5	71
27	Introduction of a wind powered pumped storage system in the isolated insular power system of Karpathos "Kasos. <i>Applied Energy</i> , 2012, 97, 38-48.	5.1	103
28	A review of the environmental and human impacts from wind parks. A case study for the Prefecture of Lasithi, Crete. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 2850-2863.	8.2	67
29	Electricity supply on the island of Dia based on renewable energy sources (R.E.S.). <i>Applied Energy</i> , 2009, 86, 516-527.	5.1	53
30	Pumped storage systems introduction in isolated power production systems. <i>Renewable Energy</i> , 2008, 33, 467-490.	4.3	88
31	A Power-Quality Measure. <i>IEEE Transactions on Power Delivery</i> , 2008, 23, 553-561.	2.9	22
32	On the wind power rejection in the islands of Crete and Rhodes. <i>Wind Energy</i> , 2007, 10, 415-434.	1.9	22