

# Anastasios C Kyritsis

## List of Publications by Year in descending order

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22  
papers

741  
citations

840776

11  
h-index

996975

15  
g-index

24  
all docs

24  
docs citations

24  
times ranked

699  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimum Design of the Current-Source Flyback Inverter for Decentralized Grid-Connected Photovoltaic Systems. IEEE Transactions on Energy Conversion, 2008, 23, 281-293.	5.2	232
2	A novel Parallel Active Filter for Current Pulsation Smoothing on single stage grid-connected AC-PV modules. , 2007, , .		147
3	Evolution of PV systems in Greece and review of applicable solutions for higher penetration levels. Renewable Energy, 2017, 109, 487-499.	8.9	57
4	Enhanced Current Pulsation Smoothing Parallel Active Filter for single stage grid-connected AC-PV modules. , 2008, , .		55
5	Incorporation of Harmonic Injection in an Interleaved Flyback Inverter for the Implementation of an Active Anti-Islanding Technique. IEEE Transactions on Power Electronics, 2017, 32, 8526-8543.	7.9	49
6	Active Cross-Correlation Anti-Islanding Scheme for PV Module-Integrated Converters in the Prospect of High Penetration Levels and Weak Grid Conditions. IEEE Transactions on Power Electronics, 2019, 34, 2258-2274.	7.9	35
7	Lightning Protection of Photovoltaic Systems: Computation of the Developed Potentials. Applied Sciences (Switzerland), 2021, 11, 337.	2.5	22
8	Investigation of Parallel Active Filtersâ€™ Limitations for Power Decoupling on Single-Stage/Single-Phase Microinverters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2016, 4, 1096-1106.	5.4	21
9	Wireless Power Transfer for Distributed Energy Sources Exploitation in DC Microgrids. IEEE Transactions on Sustainable Energy, 2019, 10, 2039-2049.	8.8	20
10	Comparative study of active anti-islanding schemes compatible with MICs in the prospect of high penetration levels and weak grid conditions. IET Generation, Transmission and Distribution, 2018, 12, 4589-4596.	2.5	18
11	Households with Fibre Reinforced Composite BIPV modules in Southern Europe under Net Metering Scheme. Renewable Energy, 2019, 137, 167-176.	8.9	17
12	On the Implementation of the Nearly Zero Energy Building Concept for Jointly Acting Renewables Self-Consumers in Mediterranean Climate Conditions. Energies, 2020, 13, 1032.	3.1	17
13	Energy improvement of office buildings in Southern Europe. Energy and Buildings, 2016, 123, 17-33.	6.7	15
14	Enhanced nZEB concept incorporating a sustainable Grid Support Scheme. Renewable Energy, 2021, 169, 714-725.	8.9	10
15	Design Considerations for Single-Phase Line Frequency Transformers Applied at Photovoltaic Systems. IEEE Power and Energy Technology Systems Journal, 2015, 2, 82-93.	2.8	7
16	Islanding Detection Methods for Distributed PV Systems Overview and Experimental Study. Energy Systems, 2016, , 63-79.	0.5	7
17	Study on the effectiveness of commercial anti-islanding algorithms in the prospect of mass penetration of PVs in low-voltage distribution networks. IET Energy Systems Integration, 2021, 3, 39-59.	1.8	4
18	Installation Guidelines. , 2018, , 891-914.		3

#	ARTICLE	IF	CITATIONS
19	Combination of Building Applied PV Panels with Thermoelectric Generation and Geothermal Cooling. , 2014, , .		2
20	Investigation of a Waste Heat Recovery System for a more electric ship. , 2015, , .		2
21	Incorporating power converters for energy saving marine applications. , 2014, , .		0
22	Protection of 100kWp photovoltaic system against atmospheric overvoltages: A case study. , 2016, , .		0