

Charles Raymond Sarimuthu

List of Publications by Year in descending order

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7
papers

278
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Intelligence Based MPPT Techniques for Solar Power System: A review. Journal of Modern Power Systems and Clean Energy, 2020, 8, 1043-1059.	5.4	124
2	Virtual Inertia-Based Inverters for Mitigating Frequency Instability in Grid-Connected Renewable Energy System: A Review. Applied Sciences (Switzerland), 2019, 9, 5300.	2.5	72
3	Grid Integration of Solar Photovoltaic System Using Machine Learning-Based Virtual Inertia Synthetization in Synchronverter. IEEE Access, 2020, 8, 49961-49976.	4.2	38
4	A target-oriented performance assessment and model development of a grid-connected solar PV (GCPV) system for a commercial building in Malaysia. Renewable Energy, 2021, 171, 371-382.	8.9	23
5	A novel adaptive virtual inertia control strategy under varying irradiance and temperature in grid-connected solar power system. International Journal of Electrical Power and Energy Systems, 2021, 132, 107180.	5.5	18
6	An Adaptive Synchronverter for Ensuring Fault Ride Through Capability of Grid-Connected Solar Power System. Journal of Physics: Conference Series, 2021, 1828, 012054.	0.4	3
7	Artificial Neural Network for Control of Solar Photovoltaic System. , 2022, , 1-24.		0