

Hermanus Vermaak

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

662
citations

1163117

8
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Status of micro-hydrokinetic river technology in rural applications: A review of literature. Renewable and Sustainable Energy Reviews, 2014, 29, 625-633.	16.4	169
2	Hybrid renewable power systems for mobile telephony base stations in developing countries. Renewable Energy, 2013, 51, 419-425.	8.9	146
3	Hydrokinetic power generation for rural electricity supply: Case of South Africa. Renewable Energy, 2013, 55, 467-473.	8.9	85
4	Hybrid diesel generator/renewable energy system performance modeling. Renewable Energy, 2014, 67, 97-102.	8.9	82
5	Design of a photovoltaic-wind charging station for small electric Tuk-tuk in D.R.Congo. Renewable Energy, 2014, 67, 40-45.	8.9	67
6	Optimal power dispatch of a grid-interactive micro-hydrokinetic-pumped hydro storage system. Journal of Energy Storage, 2018, 17, 63-72.	8.1	35
7	Micro-hydrokinetic river system modelling and analysis as compared to wind system for remote rural electrification. Electric Power Systems Research, 2015, 126, 38-44.	3.6	33
8	Using the Dual-Tree Complex Wavelet Transform for Improved Fabric Defect Detection. Journal of Sensors, 2016, 2016, 1-8.	1.1	19
9	Optimal Operation Control of Hydrokinetic-based Hybrid Systems. , 2015, , 291-303.		12
10	Energy Management of a Grid-Integrated Hybrid Peer-to-Peer Renewable Charging Station for Electric Vehicles. , 2018, , .		7
11	Designing a Simulink model for a mixed model stochastic assembly line : A case study using a water bottling plant. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 329-336.	0.8	6
12	Rule-based Control Strategy for a River-based Grid-connected Hydrokinetic System. , 2018, , .		1
13	Optimal Power Flow Control of a Grid-Connected Hydrokinetic-Pumped Hydro Storage System for Residential Load Profile. Advanced Science Letters, 2018, 24, 8190-8195.	0.2	0