

# Hermanus Vermaak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6261087/publications.pdf>

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	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
2	Optimal power dispatch of a grid-interactive micro-hydrokinetic-pumped hydro storage system. Journal of Energy Storage, 2018, 17, 63-72.	8.1	35
3	Rule-based Control Strategy for a River-based Grid-connected Hydrokinetic System. , 2018, , .		1
4	Energy Management of a Grid-Intergrated Hybrid Peer-to-Peer Renewable Charging Station for Electric Vehicles. , 2018, , .		7
5	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
6	Using the Dual-Tree Complex Wavelet Transform for Improved Fabric Defect Detection. Journal of Sensors, 2016, 2016, 1-8.	1.1	19
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	Optimal Operation Control of Hydrokineticbased Hybrid Systems. , 2015, , 291-303.		12
9	Hybrid diesel generator/renewable energy system performance modeling. Renewable Energy, 2014, 67, 97-102.	8.9	82
10	Design of a photovoltaicâ€“wind charging station for small electric Tukâ€“tuk in D.R.Congo. Renewable Energy, 2014, 67, 40-45.	8.9	67
11	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
12	Hydrokinetic power generation for rural electricity supply: Case of South Africa. Renewable Energy, 2013, 55, 467-473.	8.9	85
13	Hybrid renewable power systems for mobile telephony base stations in developing countries. Renewable Energy, 2013, 51, 419-425.	8.9	146