Brendan Hayes

List of Publications by Year
in descending order

9 papers	**27** citations	2682335 **2** h-index	2272820 **4** g-index
9 all docs	**9** docs citations	**9** times ranked	**22** citing authors

#	Article	IF	Citations
1	Application of the Filippov Method to PV‑fed DC‑DC converters modeled as hybrid‑DAEs. Engineering Reports, 2020, 2, e12237.	0.9	5
2	Bifurcation Analysis of PV-Fed Quadratic Boost Converter using the Filippov Method. , 2020, , .		2
3	Application of Filippov Theory to the IEEE Standard 421.5-2016 Anti-windup PI Controller. , 2019, , .		5
4	Viable Computation of the Largest Lyapunov Characteristic Exponent for Power Systems. , 2018, , .		1
5	Optimum Data Sampling Frequency for Short-Term Analysis of Power Systems with Wind. , 2018, , .		2
6	Continuous-Time ARMA Models for Data-Based Wind Speed Models. , 2018, , .		4
7	Design of robust digitally controlled DC–DC converters in the presence of strong interference. International Journal of Circuit Theory and Applications, 2017, 45, 1742-1759.	1.3	1
8	Design of PID controllers using Filippov's method for stable operation of DC–DC converters. International Journal of Circuit Theory and Applications, 2016, 44, 1437-1454.	1.3	5
9	Control of limit cycles in buck converters. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2014, 33, 1448-1461.	0.5	2