

# Danielle R Strickland

## List of Publications by Year in descending order

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24  
papers

426  
citations

1039880

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h-index

1058333

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g-index

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all docs

24  
docs citations

24  
times ranked

511  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Second-Life Hybrid Battery Energy Storage System Based on Modular Boost-Multilevel Buck Converter. IEEE Transactions on Industrial Electronics, 2015, 62, 1034-1046.	5.2	77
2	Estimation of Transportation Battery Second Life for Use in Electricity Grid Systems. IEEE Transactions on Sustainable Energy, 2014, 5, 795-803.	5.9	63
3	Analysis and Comparative Study of Different Converter Modes in Modular Second-Life Hybrid Battery Energy Storage Systems. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2016, 4, 547-563.	3.7	55
4	Control of Cascaded DC-DC Converter-Based Hybrid Battery Energy Storage Systems—Part II: Lyapunov Approach. IEEE Transactions on Industrial Electronics, 2016, 63, 3050-3059.	5.2	44
5	Control of Cascaded DC-DC Converter Based Hybrid Battery Energy Storage Systems: Part I: Stability Issue. IEEE Transactions on Industrial Electronics, 2015, , 1-1.	5.2	38
6	Dynamic Network Rating for Low Carbon Distribution Network Operation—A U.K. Application. IEEE Transactions on Smart Grid, 2015, 6, 988-998.	6.2	35
7	A Comparison of Online Electrochemical Spectroscopy Impedance Estimation of Batteries. IEEE Access, 2018, 6, 23668-23677.	2.6	30
8	Energy storage for enhanced frequency response services. , 2017, , .		19
9	Online Electrochemical Impedance Spectroscopy (EIS) estimation of a solar panel. Vacuum, 2017, 139, 185-195.	1.6	13
10	Adaptive control of hybrid battery energy storage systems under capacity fade. , 2014, , .		10
11	Distribution network reconfiguration validation with uncertain loads—network configuration determination and application. IET Generation, Transmission and Distribution, 2016, 10, 2852-2860.	1.4	10
12	Online impedance spectroscopy estimation of a dc-dc converter connected battery using a switched capacitor-based balancing circuit. Journal of Engineering, 2019, 2019, 4681-4685.	0.6	9
13	Hybrid PV/battery storage unit for residential applications. Journal of Engineering, 2019, 2019, 3532-3536.	0.6	5
14	Adaptive Control of Hybrid Battery Energy Storage Systems under Capacity Fade. EPE Journal (European) Tj ETQq0 0.0 rgBT /Qverlock 10		4
15	Sweat Testing Cycles of Batteries for Different Electrical Power Applications. IEEE Access, 2019, 7, 132333-132342.	2.6	4
16	Frequency Estimation using Curve Fitting. , 2020, , .		3
17	Electrical power systems education for employment. , 2017, , .		2
18	Connection design without accurate LV feeder load data &#x2014; An argument for LV monitoring. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	Employment based projects for electrical power foundation degrees. , 2017, , .		1
20	Low cost current measurement of three phase cables. , 2018, , .		1
21	Net Present Value Analysis of a Hybrid Gas Engine-Energy Storage System in the Balancing Mechanism. Energies, 2020, 13, 3816.	1.6	1
22	Noninvasive, low cost, unbalanced current sensor for multi-core cables. , 2021, , .		1
23	Impact of driver behaviour on availability of electric vehicle stored energy for STOR. , 2014, , .		0
24	A study of different loss of life based calculations on batteries operating in enhanced frequency response. , 2018, , .		0