

Nicholas Williard

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

1,661
citations

1478505

6
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

1544
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostics of lithium-ion batteries based on Dempster-Shafer theory and the Bayesian Monte Carlo method. <i>Journal of Power Sources</i> , 2011, 196, 10314-10321.	7.8	670
2	State of charge estimation for Li-ion batteries using neural network modeling and unscented Kalman filter-based error cancellation. <i>International Journal of Electrical Power and Energy Systems</i> , 2014, 62, 783-791.	5.5	369
3	State of charge estimation for electric vehicle batteries using unscented kalman filtering. <i>Microelectronics Reliability</i> , 2013, 53, 840-847.	1.7	292
4	Lessons Learned from the 787 Dreamliner Issue on Lithium-Ion Battery Reliability. <i>Energies</i> , 2013, 6, 4682-4695.	3.1	247
5	Preliminary Study on Integration of Fiber Optic Bragg Grating Sensors in Li-Ion Batteries and In Situ Strain and Temperature Monitoring of Battery Cells. <i>Energies</i> , 2017, 10, 838.	3.1	56
6	Evaluation of Batteries for Safe Air Transport. <i>Energies</i> , 2016, 9, 340.	3.1	13
7	Remaining useful performance analysis of batteries. , 2011, , .		7
8	State of charge estimation for electric vehicle batteries under an adaptive filtering framework. , 2012, , .		4
9	Effects of external pressure on phase stability and diffusion rate in lithium-ion cells. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115400.	3.8	3