

# Ashraf Bani ahmad

## List of Publications by Year in descending order

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8  
papers

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1937685

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#	ARTICLE	IF	CITATIONS
1	State-of-Charge Balancing Control for ON/OFF-Line Internal Cells Using Hybrid Modular Multi-Level Converter and Parallel Modular Dual L-Bridge in a Grid-Scale Battery Energy Storage System. IEEE Access, 2019, 7, 131-147.	4.2	39
2	Design and experimental evaluation of a single-stage AC/DC converter with PFC and hybrid full-bridge rectifier. Engineering Science and Technology, an International Journal, 2018, 21, 189-200.	3.2	10
3	Cell Balancing Topologies in Battery Energy Storage Systems: A Review. Lecture Notes in Electrical Engineering, 2019, , 159-165.	0.4	9
4	State-of-Charge Balancing Control for Optimal Cell Utilisation of a Grid-Scale Three-Phase Battery Energy Storage System Using Hybrid Modular Multilevel Converter Topology Without Redundant Cells. IEEE Access, 2021, 9, 53920-53935.	4.2	7
5	Platoon Grouping Network Offloading Mechanism for VANETs. IEEE Access, 2021, 9, 53936-53951.	4.2	4
6	Optimal Cell Utilization for Improved Power Rating and Reliability in a Grid-Scale Three-Phase Battery Energy Storage System Using Hybrid Modular Multilevel Converter Topology Without Redundant Cells. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 1780-1794.	5.4	3
7	Optimal cell utilisation with state-of-charge balancing control in a grid-scale three-phase battery energy storage system: An experimental validation. AEJ - Alexandria Engineering Journal, 2022, 61, 9043-9059.	6.4	2
8	Development of fast and accurate algorithm to extract the five parameters of photovoltaic modules. Bulletin of Electrical Engineering and Informatics, 2020, 9, 379-386.	0.8	1