

Ahmed M Ali

List of Publications by Year in descending order

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23
papers

394
citations

1478280

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all docs

23
docs citations

23
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Role of Intelligent Power Management Strategies for Electrified Vehicles: A Review of Predictive and Cognitive Methods. IEEE Transactions on Transportation Electrification, 2022, 8, 368-383.	5.3	14
2	Architectural distortion outcome: digital breast tomosynthesis-detected versus digital mammography-detected. Radiologia Medica, 2022, 127, 30-38.	4.7	9
3	Energy-efficient electrification of public transportation fleets based on generic driving cycles for the city of Cairo, Egypt. , 2021, , .		0
4	Propulsion Dynamic Requirements Analysis for Multi-Axle Skid-Steer Wheeled Vehicles. , 2020, , .		0
5	Real-Time Applicable Power Management of Multi-Source Fuel Cell Vehicles Using Situation-Based Model Predictive Control. , 2020, , .		1
6	Optimizing the fuel efficiency of fuel cell-based hybrid electric vehicles considering real implications. , 2020, , 185-194.		2
7	Adaptive prioritization of a situation-based power management for hybrid electric vehicles. , 2020, , .		1
8	Optimal predictive power management strategy for fuel cell electric vehicles using neural networks in real-time. , 2020, , .		7
9	Optimal Control of Multi-Source Electric Vehicles in Real Time Using Advisory Dynamic Programming. IEEE Transactions on Vehicular Technology, 2019, 68, 10394-10405.	3.9	40
10	Optimal Situation-Based Power Management and Application to State Predictive Models for Multi-Source Electric Vehicles. IEEE Transactions on Vehicular Technology, 2019, 68, 11473-11482.	3.9	10
11	State-of-Health-Oriented Power Management Strategy for Multi-Source Electric Vehicles Considering Situation-Based Optimized Solutions in Real-Time. Proceedings of the Annual Conference of the Prognostics and Health Management Society Prognostics and Health Management Society Conference, 2019, 11, .	0.2	1
12	Developing a custom Anthropomorphic Test Device for measuring blast effects on occupants inside armored vehicles. Journal of Engineering Science and Military Technologies, 2019, 3, 70-76.	0.1	1
13	Lifetime Model Development for Integration in Power Management of HEVs By Terms of Minimizing Fuel Consumption and Battery Degradation. Proceedings of the Annual Conference of the Prognostics and Health Management Society Prognostics and Health Management Society Conference, 2019, 11, .	0.2	1
14	Observer-Based Power Management for Multi-Source Electric Vehicles Using Optimized Splitting Ratios. , 2018, , .		8
15	Towards Optimal Power Management of Hybrid Electric Vehicles in Real-Time: A Review on Methods, Challenges, and State-Of-The-Art Solutions. Energies, 2018, 11, 476.	1.6	94
16	Development and Improvement of a Situation-Based Power Management Method for Multi-Source Electric Vehicles. , 2018, , .		13
17	Realtime Application of Progressive Optimal Search and Adaptive Dynamic Programming in Multi-Source HEVs. , 2017, , .		7
18	Realtime Power Management of a Multi-Source HEV Using Adaptive Dynamic Programming and Probabilistic Drive State Model. , 2017, , .		7

#	ARTICLE	IF	CITATIONS
19	Regulatory B cells (CD19+CD38hiCD24hi) in alloimmunized and non-alloimmunized children with β^2 -thalassemia major. <i>Blood Cells, Molecules, and Diseases</i> , 2016, 57, 91-96.	0.6	10
20	Vitamin D status in autism spectrum disorders and the efficacy of vitamin D supplementation in autistic children. <i>Nutritional Neuroscience</i> , 2016, 19, 346-351.	1.5	158
21	A comparative investigation of a rule based energy management algorithm for hybrid electric vehicles. , 2014, , .		2
22	Allelic variants of insulin receptor substrate-1 gene in Egyptian women with polycystic ovary syndrome. <i>Comparative Clinical Pathology</i> , 2012, 21, 1689-1696.	0.3	1
23	A Theo-Practical Methodology for Series Hybrid Vehicles Evaluation and Development. , 0, , .		7