

Can Li-Ion batteries be the panacea for automotive app

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Environmental impacts of Lithium Metal Polymer and Lithium-ion stationary batteries. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 78, 46-60.	8.2	84
2	Pseudocapacitive Li <sup>+</sup> intercalation in ZnO/ZnO@C composites enables high-rate lithium-ion storage and stable cyclability. <i>Ceramics International</i> , 2017, 43, 11998-12004.	2.3	28
3	Key experiments and challenging thermodynamic modeling of the Li-Si-C system. <i>Journal of Alloys and Compounds</i> , 2017, 698, 743-753.	2.8	8
4	Experimental validation for Li-ion battery modeling using Extended Kalman Filters. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 25509-25517.	3.8	35
5	Lithium dual uptake anode materials: crystalline Fe <sub>3</sub> O <sub>4</sub> nanoparticles supported over graphite for lithium-ion batteries. <i>Electrochimica Acta</i> , 2017, 258, 192-199.	2.6	16
6	Optimal sizing of hybrid energy storage sub-systems in PV/diesel ship power system using frequency analysis. <i>Energy</i> , 2017, 140, 198-208.	4.5	84
7	Determination of Tortuosity Using Impedance Spectra Analysis of Symmetric Cell. <i>Journal of the Electrochemical Society</i> , 2017, 164, E3329-E3334.	1.3	57
8	NiCo-loaded carbon nanofibers obtained by electrospinning: Bifunctional behavior as air electrodes. <i>Renewable Energy</i> , 2018, 125, 250-259.	4.3	36
9	Rare Earths and the Balance Problem: How to Deal with Changing Markets?. <i>Journal of Sustainable Metallurgy</i> , 2018, 4, 126-146.	1.1	194
10	The lithium-ion battery: State of the art and future perspectives. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 89, 292-308.	8.2	1,542
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13	A review of international abuse testing standards and regulations for lithium ion batteries in electric and hybrid electric vehicles. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 81, 1427-1452.	8.2	315
14	Facile synthesis of monodispersed 3D hierarchical Fe <sub>3</sub> O <sub>4</sub> nanostructures decorated r-GO as the negative electrodes for Li-ion batteries. <i>Materials Research Bulletin</i> , 2018, 97, 272-280.	2.7	20
15	Enhancement of Hydrogen Evolution Reaction on Pt-Co Layer Deposited on Copper. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 416, 012033.	0.3	0
16	Gel Polymer Electrolytes Based on Silica-Added Poly(ethylene oxide) Electrospun Membranes for Lithium Batteries. <i>Membranes</i> , 2018, 8, 126.	1.4	6
17	Tip-Sonicated Red Phosphorus-Graphene Nanoribbon Composite for Full Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 38936-38943.	4.0	11
18	A review of state of health and remaining useful life estimation methods for lithium-ion battery in electric vehicles: Challenges and recommendations. <i>Journal of Cleaner Production</i> , 2018, 205, 115-133.	4.6	463

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20	Plug-in Hybrid Vehicle and Second-Life Applications of Lithium-Ion Batteries at Elevated Temperature. <i>Batteries and Supercaps</i> , 2018, 1, 75-82.	2.4	15
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23	Heat Generation Characteristics of LiFePO <sub>4</sub> Pouch Cells with Passive Thermal Management. <i>Energies</i> , 2018, 11, 1243.	1.6	18
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26	Electrochemical impedance spectroscopy characterization and parameterization of lithium nickel manganese cobalt oxide pouch cells: dependency analysis of temperature and state of charge. <i>Ionics</i> , 2019, 25, 111-123.	1.2	26
27	Enhancing electrochemical performances of LiNi <sub>0.5</sub> Co <sub>0.2</sub> Mn <sub>0.3</sub> O <sub>2</sub> cathode materials derived from NiF <sub>2</sub> artificial interface at elevated voltage. <i>Journal of Alloys and Compounds</i> , 2019, 806, 814-822.	2.8	20
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