

CITATION REPORT

List of articles citing

Electric car life cycle assessment based on real-world mileage and the electric conversion scenario

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International Journal of Life Cycle Assessment, 2017,
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#	Paper	IF	Citations
44	A new hybrid method for reducing the gap between WTW and LCA in the carbon footprint assessment of electric vehicles. <i>International Journal of Life Cycle Assessment</i> , 2017 , 22, 4-14	4.6	28
43	Preface. <i>International Journal of Life Cycle Assessment</i> , 2017 , 22, 1-3	4.6	14
42	Energy consumption and well-to-wheels air pollutant emissions of battery electric buses under complex operating conditions and implications on fleet electrification. <i>Journal of Cleaner Production</i> , 2018 , 171, 714-722	10.3	34
41	Converting a Conventional Car into a Hybrid Solar Vehicle: a LCA Approach. <i>IFAC-PapersOnLine</i> , 2018 , 51, 188-194	0.7	9
40	Electricity Generation in LCA of Electric Vehicles: A Review. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1384	2.6	41
39	Exploring the Effect of Increased Energy Density on the Environmental Impacts of Traction Batteries: A Comparison of Energy Optimized Lithium-Ion and Lithium-Sulfur Batteries for Mobility Applications. <i>Energies</i> , 2018 , 11, 150	3.1	32
38	Electric vehicles in car sharing networks – Challenges and simulation model analysis. <i>Transportation Research, Part D: Transport and Environment</i> , 2018 , 63, 377-387	6.4	35
37	Investigating transparency regarding ecoincent users – system model choices. <i>International Journal of Life Cycle Assessment</i> , 2019 , 24, 1-5	4.6	16
36	Comparability of Life Cycle Assessments: Modelling and Analyzing LCA Using Different Databases. 2019 , 51-63		1
35	Ecodesign Methods for Mechatronic Systems: A Literature Review and Classification. 2019 ,		5
34	Environmental Life Cycle Assessment of Alternative Fuels for Western Australia – Transport Sector. <i>Atmosphere</i> , 2019 , 10, 398	2.7	9
33	Utilization effects on battery electric vehicle life-cycle assessment: A case-driven analysis of two commercial mobility applications. <i>Transportation Research, Part D: Transport and Environment</i> , 2019 , 75, 87-105	6.4	14
32	Features of the choice of power unit for electric tricycle. <i>E3S Web of Conferences</i> , 2019 , 140, 02010	0.5	
31	Contribution of country-specific electricity mix and charging time to environmental impact of battery electric vehicles: A case study of electric buses in Germany. <i>Applied Energy</i> , 2019 , 237, 618-634	10.7	50
30	Fully electric and plug-in hybrid cars - An analysis of learning rates, user costs, and costs for mitigating CO and air pollutant emissions. <i>Journal of Cleaner Production</i> , 2019 , 212, 1478-1489	10.3	39
29	The transport of goods in the urban environment: A comparative life cycle assessment of electric, compressed natural gas and diesel light-duty vehicles. <i>Applied Energy</i> , 2020 , 260, 114236	10.7	23
28	Using GPS-data to determine optimum electric vehicle ranges: A Michigan case study. <i>Transportation Research, Part D: Transport and Environment</i> , 2020 , 78, 102203	6.4	12

27	Exploiting the Scientific Literature for Performing Life Cycle Assessment about Transportation. <i>Sustainability</i> , 2020 , 12, 7548	3.6	12
26	Environmental Impacts of Integrated Photovoltaic Modules in Light Utility Electric Vehicles. <i>Energies</i> , 2020 , 13, 5120	3.1	12
25	Life Cycle Sustainability Assessment of Alternative Energy Sources for the Western Australian Transport Sector. <i>Sustainability</i> , 2020 , 12, 5565	3.6	4
24	Criteria-Based Approach to Select Relevant Environmental SDG Indicators for the Automobile Industry. <i>Sustainability</i> , 2020 , 12, 8811	3.6	3
23	Impacts of life cycle inventory databases on life cycle assessments: A review by means of a drivetrain case study. <i>Journal of Cleaner Production</i> , 2020 , 269, 121329	10.3	9
22	A Review of Life Cycle Assessment Studies of Electric Vehicles with a Focus on Resource Use. <i>Resources</i> , 2020 , 9, 32	3.7	27
21	Rational Electrochemical Recycling of Spent LiFePO ₄ and LiCoO ₂ Batteries to Fe ₂ O ₃ /CoPi Photoanodes for Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 3606-3616	8.3	10
20	Sensitivity Analysis in the Life-Cycle Assessment of Electric vs. Combustion Engine Cars under Approximate Real-World Conditions. <i>Sustainability</i> , 2020 , 12, 1241	3.6	37
19	Economic and ecological optimization of electric bus charging considering variable electricity prices and CO ₂ eq intensities. <i>Transportation Research, Part D: Transport and Environment</i> , 2020 , 81, 102293	6.4	28
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7	Exploring the Potential for Electric Retrofit Regulations and an Accreditation Scheme for the UK. <i>Electronics (Switzerland)</i> , 2021 , 10, 3110	2.6	1
6	A novel on the retrofit from CNG buses to electric buses for rubber-tyred wheeled public transportation systems. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 095440702210931	1.4	0
5	On the role of battery degradation in en-route charge scheduling for an electric bus system. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022 , 161, 102727	9	2
4	Life Cycle Assessment of Greenhouse Gas Emissions. 2022 , 313-347		
3	Application of Multi-Criteria Decision Making Methods for Evaluation of Selected Passenger Electric Cars: A Case Study. <i>Communications - Scientific Letters of the University of Zilina</i> ,	0.2	0
2	The Energy and Emissions Case and the Lifecycle Impact of Electric Cars. 2022 , 33-50		0
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