

Marcos Lopez-Juarez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2340112/publications.pdf>

Version: 2024-02-01

8
papers

126
citations

1683354

5
h-index

2053342

5
g-index

8
all docs

8
docs citations

8
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative global warming impact and NOX emissions of conventional and hydrogen automotive propulsion systems. Energy Conversion and Management, 2020, 221, 113137.	4.4	49
2	Optimization and sizing of a fuel cell range extender vehicle for passenger car applications in driving cycle conditions. Applied Energy, 2021, 285, 116469.	5.1	23
3	Impact of fuel cell range extender powertrain design on greenhouse gases and NOX emissions in automotive applications. Applied Energy, 2021, 302, 117526.	5.1	21
4	Effect of dynamic and operational restrictions in the energy management strategy on fuel cell range extender electric vehicle performance and durability in driving conditions. Energy Conversion and Management, 2022, 266, 115821.	4.4	18
5	A modeling framework for predicting the effect of the operating conditions and component sizing on fuel cell degradation and performance for automotive applications. Applied Energy, 2022, 317, 119137.	5.1	14
6	Characterising Hydrogen Micromix Flames: Combustion Model Calibration and Evaluation. , 2020, , .		1
7	Impact of the Powertrain Sizing on Cradle-to-Grave Emissions and Fuel Cell Degradation in a FCV with a Range-Extender Architecture. , 0, , .		0
8	Feasibility Study for a Fuel Cell-Powered Unmanned Aerial Vehicle with a 75 Kg Payload. Transactions of the Institute of Aviation, 2022, 2022, 13-30.	0.3	0