

# Ottorino Veneri

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,302  
citations

361413

20  
h-index

361022

35  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on plug-in electric vehicle charging architectures integrated with distributed energy sources for sustainable mobility. Applied Energy, 2017, 207, 438-464.	10.1	162
2	Experimental analysis on the performance of lithium based batteries for road full electric and hybrid vehicles. Applied Energy, 2014, 136, 921-930.	10.1	131
3	Experimental study of a DC charging station for full electric and plug in hybrid vehicles. Applied Energy, 2015, 152, 131-142.	10.1	85
4	Experimental analysis and management issues of a hydrogen fuel cell system for stationary and mobile application. Energy Conversion and Management, 2007, 48, 2365-2374.	9.2	78
5	Performance investigation of 2.4kW PEM fuel cell stack in vehicles. International Journal of Hydrogen Energy, 2007, 32, 4340-4349.	7.1	77
6	Experimental investigation into the effectiveness of a super-capacitor based hybrid energy storage system for urban commercial vehicles. Applied Energy, 2018, 227, 312-323.	10.1	77
7	Experimental analysis of a 20kWe PEM fuel cell system in dynamic conditions representative of automotive applications. Energy Conversion and Management, 2008, 49, 2688-2697.	9.2	61
8	Experimental study of a fuel cell power train for road transport application. Journal of Power Sources, 2005, 145, 610-619.	7.8	56
9	Dynamic behaviour of hydrogen fuel cells for automotive application. Renewable Energy, 2009, 34, 1955-1961.	8.9	55
10	Experimental assessment of energy-management strategies in fuel-cell propulsion systems. Journal of Power Sources, 2006, 157, 799-808.	7.8	52
11	An experimental study of a PEM fuel cell power train for urban bus application. Journal of Power Sources, 2008, 181, 363-370.	7.8	46
12	Experimental evaluation of model-based control strategies of sodium-nickel chloride battery plus supercapacitor hybrid storage systems for urban electric vehicles. Applied Energy, 2018, 228, 2478-2489.	10.1	46
13	Experimental evaluation of DC charging architecture for fully-electrified low-power two-wheeler. Applied Energy, 2016, 162, 1428-1438.	10.1	37
14	Experimental study on the performance of a ZEBRA battery based propulsion system for urban commercial vehicles. Applied Energy, 2017, 185, 2005-2018.	10.1	36
15	Optimal design and energy management of hybrid storage systems for marine propulsion applications. Applied Energy, 2020, 278, 115629.	10.1	34
16	Energy management in fuel cell power trains. Energy Conversion and Management, 2006, 47, 3255-3271.	9.2	32
17	PEFC stacks as power sources for hybrid propulsion systems. International Journal of Hydrogen Energy, 2009, 34, 4635-4644.	7.1	32
18	Hydrogen Fuel Cells for Road Vehicles. Green Energy and Technology, 2011, , .	0.6	23

#	ARTICLE	IF	CITATIONS
19	Lithium polymer batteries and proton exchange membrane fuel cells as energy sources in hydrogen electric vehicles. <i>Journal of Power Sources</i> , 2010, 195, 7849-7854.	7.8	22
20	Integration between Super-capacitors and ZEBRA Batteries as High Performance Hybrid Storage System for Electric Vehicles. <i>Energy Procedia</i> , 2017, 105, 2539-2544.	1.8	21
21	Dynamic behaviour of Li batteries in hydrogen fuel cell power trains. <i>Journal of Power Sources</i> , 2011, 196, 9081-9086.	7.8	20
22	Hydrogen and proton exchange membrane fuel cells for clean road transportation. <i>Journal of Industrial and Engineering Chemistry</i> , 2011, 17, 633-641.	5.8	17
23	Laboratory Bench to Test ZEBRA Battery Plus Super-Capacitor Based Propulsion Systems for Urban Electric Transportation. <i>Energy Procedia</i> , 2015, 75, 1956-1961.	1.8	15
24	Optimal control strategy of ultra-capacitors in hybrid energy storage system for electric vehicles. <i>Energy Procedia</i> , 2017, 142, 1914-1919.	1.8	15
25	Design of a Hybrid Propulsion Architecture for Midsize Boats. <i>Energy Procedia</i> , 2019, 158, 2954-2959.	1.8	15
26	Internet of Energy Training through Remote Laboratory Demonstrator. <i>Technologies</i> , 2019, 7, 47.	5.1	9
27	Experimental Analysis of a Zebra Battery Based Propulsion System for Urban Bus under Dynamic Conditions. <i>Energy Procedia</i> , 2014, 61, 1138-1141.	1.8	7
28	Experimental set-up of DC PEV charging station supported by open and interoperable communication technologies. , 2016, , .		7
29	Charging Architectures Integrated with Distributed Energy Resources for Sustainable Mobility. <i>Energy Procedia</i> , 2017, 105, 2317-2322.	1.8	7
30	A multi-domain modelling and verification procedure within MBSE approach to design propulsion systems for road electric vehicles. <i>Mechanics and Industry</i> , 2017, 18, 107.	1.3	7
31	Hydrogen release properties of lithium alanate for application to fuel cell propulsion systems. <i>Journal of Power Sources</i> , 2009, 193, 285-291.	7.8	5
32	DC Charging Station for Electric and Plug-in Vehicles. <i>Energy Procedia</i> , 2014, 61, 1126-1129.	1.8	5
33	Generator operations of asynchronous induction machines connected to ac or dc active/passive electrical networks. <i>Mathematics and Computers in Simulation</i> , 2003, 63, 449-459.	4.4	2
34	Interaction between membrane humidifier and air supply system for application of fuel cells in vehicles. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 1945-1950.	5.8	2
35	Systems engineering approach for eco-comparison among power-train configurations of hybrid bus. , 2016, , .		2
36	Data Analytics for Performance Modelling of Photovoltaic Systems in the Internet of Energy Scenario. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
37	Design of Hydrogen Fuel Cell Systems for Road Vehicles. Green Energy and Technology, 2011, , 103-130.	0.6	1
38	Experimental Study on a Laboratory Test Bench for Sea Wave Generation Systems. Energy Procedia, 2014, 61, 1107-1110.	1.8	1
39	Management issues of direct hydrogen Fuel Cell Systems for application in automotive field. , 2012, , .		0
40	Model based evaluation of lithium ion capacitors use and management for plug-in hybrid vehicles. , 2021, , .		0