

# 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  
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361022

35  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Data Analytics for Performance Modelling of Photovoltaic Systems in the Internet of Energy Scenario. , 2021, , .		2
2	Model based evaluation of lithium ion capacitors use and management for plug-in hybrid vehicles. , 2021, , .		0
3	Optimal design and energy management of hybrid storage systems for marine propulsion applications. Applied Energy, 2020, 278, 115629.	10.1	34
4	Internet of Energy Training through Remote Laboratory Demonstrator. Technologies, 2019, 7, 47.	5.1	9
5	Design of a Hybrid Propulsion Architecture for Midsize Boats. Energy Procedia, 2019, 158, 2954-2959.	1.8	15
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 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
8	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
9	Charging Architectures Integrated with Distributed Energy Resources for Sustainable Mobility. Energy Procedia, 2017, 105, 2317-2322.	1.8	7
10	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
11	Integration between Super-capacitors and ZEBRA Batteries as High Performance Hybrid Storage System for Electric Vehicles. Energy Procedia, 2017, 105, 2539-2544.	1.8	21
12	Optimal control strategy of ultra-capacitors in hybrid energy storage system for electric vehicles. Energy Procedia, 2017, 142, 1914-1919.	1.8	15
13	A multi-domain modelling and verification procedure within MBSE approach to design propulsion systems for road electric vehicles. Mechanics and Industry, 2017, 18, 107.	1.3	7
14	Experimental set-up of DC PEV charging station supported by open and interoperable communication technologies. , 2016, , .		7
15	Systems engineering approach for eco-comparison among power-train configurations of hybrid bus. , 2016, , .		2
16	Experimental evaluation of DC charging architecture for fully-electrified low-power two-wheeler. Applied Energy, 2016, 162, 1428-1438.	10.1	37
17	Experimental study of a DC charging station for full electric and plug in hybrid vehicles. Applied Energy, 2015, 152, 131-142.	10.1	85
18	Laboratory Bench to Test ZEBRA Battery Plus Super-Capacitor Based Propulsion Systems for Urban Electric Transportation. Energy Procedia, 2015, 75, 1956-1961.	1.8	15

#	ARTICLE	IF	CITATIONS
19	DC Charging Station for Electric and Plug-in Vehicles. Energy Procedia, 2014, 61, 1126-1129.	1.8	5
20	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
21	Experimental Study on a Laboratory Test Bench for Sea Wave Generation Systems. Energy Procedia, 2014, 61, 1107-1110.	1.8	1
22	Experimental Analysis of a Zebra Battery Based Propulsion System for Urban Bus under Dynamic Conditions. Energy Procedia, 2014, 61, 1138-1141.	1.8	7
23	Management issues of direct hydrogen Fuel Cell Systems for application in automotive field. , 2012, , .		0
24	Interaction between membrane humidifier and air supply system for application of fuel cells in vehicles. Journal of Industrial and Engineering Chemistry, 2012, 18, 1945-1950.	5.8	2
25	Design of Hydrogen Fuel Cell Systems for Road Vehicles. Green Energy and Technology, 2011, , 103-130.	0.6	1
26	Dynamic behaviour of Li batteries in hydrogen fuel cell power trains. Journal of Power Sources, 2011, 196, 9081-9086.	7.8	20
27	Hydrogen and proton exchange membrane fuel cells for clean road transportation. Journal of Industrial and Engineering Chemistry, 2011, 17, 633-641.	5.8	17
28	Hydrogen Fuel Cells for Road Vehicles. Green Energy and Technology, 2011, , .	0.6	23
29	Lithium polymer batteries and proton exchange membrane fuel cells as energy sources in hydrogen electric vehicles. Journal of Power Sources, 2010, 195, 7849-7854.	7.8	22
30	Hydrogen release properties of lithium alanate for application to fuel cell propulsion systems. Journal of Power Sources, 2009, 193, 285-291.	7.8	5
31	PEFC stacks as power sources for hybrid propulsion systems. International Journal of Hydrogen Energy, 2009, 34, 4635-4644.	7.1	32
32	Dynamic behaviour of hydrogen fuel cells for automotive application. Renewable Energy, 2009, 34, 1955-1961.	8.9	55
33	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
34	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
35	Performance investigation of 2.4kW PEM fuel cell stack in vehicles. International Journal of Hydrogen Energy, 2007, 32, 4340-4349.	7.1	77
36	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

#	ARTICLE	IF	CITATIONS
37	Experimental assessment of energy-management strategies in fuel-cell propulsion systems. Journal of Power Sources, 2006, 157, 799-808.	7.8	52
38	Energy management in fuel cell power trains. Energy Conversion and Management, 2006, 47, 3255-3271.	9.2	32
39	Experimental study of a fuel cell power train for road transport application. Journal of Power Sources, 2005, 145, 610-619.	7.8	56
40	Generator operations of asynchronous induction machines connected to ac or dc active/passive electrical networks. Mathematics and Computers in Simulation, 2003, 63, 449-459.	4.4	2