Giovanni Brunaccini

List of Publications by Year
in descending order

16 papers	110 citations	1684188 5 h-index	1372567 10 g-index
16 all docs	16 docs citations	16 times ranked	161 citing authors

#	Article	IF	Citations
1	Life cycle energy and environmental impacts of a solid oxide fuel cell micro-CHP system for residential application. Science of the Total Environment, 2019, 685, 59-73.	8.0	41
2	Thermal study of a SOFC system integration in a fuselage of a hybrid electric mini UAV. International Journal of Hydrogen Energy, 2017, 42, 28022-28033.	7.1	23
3	Investigation of composite Ni-doped perovskite anode catalyst for electrooxidation of hydrogen in solid oxide fuel cell. International Journal of Hydrogen Energy, 2008, 33, 3150-3152.	7.1	16
4	Li-ion Battery Modeling and State of Charge Estimation Method Including the Hysteresis Effect. Electronics (Switzerland), 2019, 8, 1324.	3.1	11
5	High Temperature Operation of a Solid Polymer Electrolyte Fuel Cell Stack Based on a New Ionomer Membrane. ECS Transactions, 2009, 25, 1999-2007.	0.5	5
6	An Electrochemical Study of a Solid Oxide Fuel Cell Stack Operating at Intermediate Temperature for Distributed Generation Applications. Green, 2011, 1, .	0.4	4
7	Development of a SOFC Hybrid System. ECS Transactions, 2012, 42, 209-218.	0.5	4
8	From Distributed Generation to Smart Grids: Integration of H2 and Renewable Energy towards Zero Emissions Home. ECS Transactions, 2009, 17, 673-684.	0.5	2
9	Electrochemical energy storage mitigating impact of electric vehicle on the electric grid: Two Italian case studies. , 2017, , .		2
10	Direct Hydrogen 5.0 kW PEM Fuel Cell System Supplying an Uninterruptible Power Supply. ECS Transactions, 2007, 5, 791-801.	0.5	1
11	Experimental and Computational Fluid Dynamic Study of an Active Ventilated Façade Integrating Battery and Distributed MPPT. Mathematical Modelling of Engineering Problems, 2019, 6, 333-342.	0.5	1
12	Investigation of Composite Ni-Doped Perovskite Anode for Direct Oxidation of Hydrocarbons. ECS Transactions, 2007, 7, 1761-1767.	0.5	0
13	PEM Fuel Cell Systems for Distributed Energy: Actual Performance, Lifetime and Reliability of a Pure Hydrogen Pre-commercial System. ECS Transactions, 2009, 17, 233-239.	0.5	0
14	Development of a Compact PEM Electrolyzer System for Applications with Microdistributed Renewable Sources. ECS Transactions, 2012, 42, 95-100.	0.5	0
15	Implementation of a Management System for Prosumer Energy Storage Scheduling in Smart Grids. , 2020, , .		0
16	A Two-Level Fuzzy Logic Machine-Based Control Algorithm for Resilient Microgrids in ICT Applications. Lecture Notes in Electrical Engineering, 2020, , 641-653.	0.4	0