

# Vincenzo Liso

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6031123/publications.pdf>

Version: 2024-02-01

19  
papers

1,069  
citations

759055

12  
h-index

794469

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1235  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review of PBI-based high temperature PEM fuel cells. International Journal of Hydrogen Energy, 2016, 41, 21310-21344.	3.8	320
2	Performance comparison between partial oxidation and methane steam reforming processes for solid oxide fuel cell (SOFC) micro combined heat and power (CHP) system. Energy, 2011, 36, 4216-4226.	4.5	153
3	A Review of The Methanol Economy: The Fuel Cell Route. Energies, 2020, 13, 596.	1.6	123
4	Thermal modeling and temperature control of a PEM fuel cell system for forklift applications. International Journal of Hydrogen Energy, 2014, 39, 8410-8420.	3.8	120
5	Parametric analysis and optimization for exergoeconomic performance of a combined system based on solid oxide fuel cell-gas turbine and supercritical carbon dioxide Brayton cycle. Energy Conversion and Management, 2019, 186, 66-81.	4.4	68
6	Modeling and experimental validation of water mass balance in a PEM fuel cell stack. International Journal of Hydrogen Energy, 2016, 41, 3079-3092.	3.8	64
7	Modelling and Experimental Analysis of a Polymer Electrolyte Membrane Water Electrolysis Cell at Different Operating Temperatures. Energies, 2018, 11, 3273.	1.6	56
8	Analysis of the impact of heat-to-power ratio for a SOFC-based mCHP system for residential application under different climate regions in Europe. International Journal of Hydrogen Energy, 2011, 36, 13715-13726.	3.8	46
9	Optimal design and operation of a syngas-fuelled SOFC micro-CHP system for residential applications in different climate zones in China. Energy and Buildings, 2014, 80, 613-622.	3.1	36
10	Solid oxide fuel cell performance comparison fueled by methane, MeOH, EtOH and gasoline surrogate C 8 H 18. Applied Thermal Engineering, 2016, 99, 1101-1109.	3.0	19
11	Influence of anodic gas recirculation on solid oxide fuel cells in a micro combined heat and power system. Sustainable Energy Technologies and Assessments, 2014, 8, 99-108.	1.7	18
12	Modelling of a Solid Oxide Fuel Cell CHP System Coupled with a Hot Water Storage Tank for a Single Household. Energies, 2015, 8, 2211-2229.	1.6	16
13	Operation Strategy for Solid Oxide Fuel Cell Systems for Small-Scale Stationary Applications. International Journal of Green Energy, 2009, 6, 583-593.	2.1	9
14	Effects of Impurities on Pre-Doped and Post-Doped Membranes for High Temperature PEM Fuel Cell Stacks. Energies, 2021, 14, 2994.	1.6	9
15	System Design and Modeling of a High Temperature PEM Fuel Cell Operated with Ammonia as a Fuel. Energies, 2020, 13, 4689.	1.6	5
16	Modeling a Hybrid Reformed Methanol Fuel Cell "Battery System for Telecom Backup Applications. Energies, 2022, 15, 3218.	1.6	3
17	A Comparison of the Proton Exchange Membrane Fuel Cell Water Balance Measured Simultaneously with the Water Knock-out Method and Hot Wire Anemometry. ECS Transactions, 2018, 86, 199-209.	0.3	2
18	Modelling and Validation of Water Hydration of PEM Fuel Cell Membrane in Dynamic Operations. ECS Transactions, 2015, 68, 169-176.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Experimental and Numerical Investigation of Humidity Effect on Performance of PEM Fuel Cells. ECS Transactions, 2017, 80, 345-356.	0.3	1