

Experimental investigation of temperature distribution

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Performance of a biohydrogen solid oxide fuel cell. International Journal of Hydrogen Energy, 2013, 38, 13781-13791.	7.1	9
2	Thermal management oriented steady state analysis and optimization of a kW scale solid oxide fuel cell stand-alone system for maximum system efficiency. International Journal of Hydrogen Energy, 2013, 38, 12404-12417.	7.1	48
3	Geometric optimization of a 10-cell modular planar solid oxide fuel cell stack manifold. Applied Energy, 2013, 112, 1100-1107.	10.1	59
4	Three dimensional CFD modeling and experimental validation of an electrolyte supported solid oxide fuel cell fed with methane-free biogas. International Journal of Hydrogen Energy, 2013, 38, 10068-10080.	7.1	42
5	Electrochemical Performance of Planar Solid Oxide Fuel Cell (SOFC) Stacks: From Repeat Unit to Module. Energy Technology, 2014, 2, 692-697.	3.8	13
6	Artificial neural network model of a short stack solid oxide fuel cell based on experimental data. Journal of Power Sources, 2014, 246, 581-586.	7.8	64
7	Fuel cell-gas turbine hybrid system design part II: Dynamics and control. Journal of Power Sources, 2014, 254, 126-136.	7.8	55
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9	Correlating variability of modeling parameters with non-isothermal stack performance: Monte Carlo simulation of a portable 3D planar solid oxide fuel cell stack. Applied Energy, 2014, 136, 560-575.	10.1	17
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18	Cell integrated multi-junction thermocouple array for solid oxide fuel cell temperature sensing: N+1 architecture. Journal of Power Sources, 2016, 315, 70-78.	7.8	21

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20	A study of short stack with large area solid oxide fuel cells by aqueous tape casting. International Journal of Hydrogen Energy, 2016, 41, 18203-18206.	7.1	7
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22	Thermal Management-Oriented Multivariable Robust Control of a kW-Scale Solid Oxide Fuel Cell Stand-Alone System. IEEE Transactions on Energy Conversion, 2016, 31, 596-605.	5.2	56
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56	External temperature field test and leakage fault diagnosis for SOFC stacks. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 2788-2800.	7.1	1
57	Micro solid oxide fuel cell thermal dynamics: Incorporation of experimental measurements and model-based estimations for a multidimensional thermal analysis. <i>Energy Conversion and Management</i> , 2023, 277, 116650.	9.2	3
58	Optimizing the homogeneity and efficiency of a solid oxide electrolysis cell based on multiphysics simulation and data-driven surrogate model. <i>Journal of Power Sources</i> , 2023, 562, 232760.	7.8	7
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