

Marcin MoÅ°dzierz

List of Publications by Year in descending order

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14
papers

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933447

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	A fast Gaussian process-based method to evaluate carbon deposition during hydrocarbons reforming. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 11666-11679.	7.1	2
2	A Novel Approach to the Optimization of a Solid Oxide Fuel Cell Anode Using Evolutionary Algorithms. <i>IEEE Access</i> , 2019, 7, 34361-34372.	4.2	33
3	A Multiscale Approach to the Numerical Simulation of the Solid Oxide Fuel Cell. <i>Catalysts</i> , 2019, 9, 253.	3.5	29
4	A Three-Dimensional Microstructure-Scale Simulation of a Solid Oxide Fuel Cell Anode – The Analysis of Stack Performance Enhancement After a Long-Term Operation. <i>Energies</i> , 2019, 12, 4784.	3.1	15
5	A numerical analysis of unsteady transport phenomena in a Direct Internal Reforming Solid Oxide Fuel Cell. <i>International Journal of Heat and Mass Transfer</i> , 2019, 131, 1032-1051.	4.8	35
6	An afterburner-powered methane/steam reformer for a solid oxide fuel cells application. <i>Heat and Mass Transfer</i> , 2018, 54, 2331-2341.	2.1	16
7	A numerical analysis of heat and mass transfer during the steam reforming process of ethane. <i>Heat and Mass Transfer</i> , 2018, 54, 2305-2314.	2.1	13
8	A numerical analysis of heat and mass transfer processes in a macro-patterned methane/steam reforming reactor. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 20474-20487.	7.1	35
9	Combining structural, electrochemical, and numerical studies to investigate the relation between microstructure and the stack performance. <i>Journal of Applied Electrochemistry</i> , 2017, 47, 979-989.	2.9	24
10	Numerical analysis of helium-heated methane/steam reformer. <i>Journal of Physics: Conference Series</i> , 2016, 745, 032081.	0.4	5
11	Comparative study of two theoretical models of methane and ethane steam reforming process. <i>Journal of Physics: Conference Series</i> , 2016, 745, 032151.	0.4	4
12	Towards a Thermal Optimization of a Methane/Steam Reforming Reactor. <i>Flow, Turbulence and Combustion</i> , 2016, 97, 171-189.	2.6	27
13	An attempt to minimize the temperature gradient along a plug-flow methane/steam reforming reactor by adopting locally controlled heating zones. <i>Journal of Physics: Conference Series</i> , 2014, 530, 012040.	0.4	10
14	Wpływ warunków brzegowych na rozkład pola temperatury w przepływowym reaktorze do parowego reformingu metanu. <i>Scientific Letters of Rzeszow University of Technology - Mechanics</i> , 2014, 31, .	0.2	0