

Simon Sahlin

List of Publications by Year in descending order

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15
papers

750
citations

840776

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996975

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docs citations

15
times ranked

877
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling a Hybrid Reformed Methanol Fuel Cell“Battery System for Telecom Backup Applications. <i>Energies</i> , 2022, 15, 3218.	3.1	3
2	Effects of Impurities on Pre-Doped and Post-Doped Membranes for High Temperature PEM Fuel Cell Stacks. <i>Energies</i> , 2021, 14, 2994.	3.1	9
3	System Design and Modeling of a High Temperature PEM Fuel Cell Operated with Ammonia as a Fuel. <i>Energies</i> , 2020, 13, 4689.	3.1	5
4	A Review of The Methanol Economy: The Fuel Cell Route. <i>Energies</i> , 2020, 13, 596.	3.1	123
5	Modeling and Design of a Multi-Tubular Packed-Bed Reactor for Methanol Steam Reforming over a Cu/ZnO/Al ₂ O ₃ Catalyst. <i>Energies</i> , 2020, 13, 610.	3.1	24
6	Fault Characterization of a Proton Exchange Membrane Fuel Cell Stack. <i>Energies</i> , 2019, 12, 152.	3.1	31
7	An EIS alternative for impedance measurement of a high temperature PEM fuel cell stack based on current pulse injection. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 15851-15860.	7.1	28
8	Fault detection and isolation of high temperature proton exchange membrane fuel cell stack under the influence of degradation. <i>Journal of Power Sources</i> , 2017, 359, 37-47.	7.8	44
9	Impedance characterization of high temperature proton exchange membrane fuel cell stack under the influence of carbon monoxide and methanol vapor. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 21901-21912.	7.1	24
10	A comprehensive review of PBI-based high temperature PEM fuel cells. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 21310-21344.	7.1	320
11	Dynamic modeling and experimental investigation of a high temperature PEM fuel cell stack. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 4729-4739.	7.1	24
12	Modeling of a HTPEM fuel cell using Adaptive Neuro-Fuzzy Inference Systems. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 16814-16819.	7.1	7
13	System model development for a methanol reformed 5kW high temperature PEM fuel cell system. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 13080-13089.	7.1	25
14	Test of hybrid power system for electrical vehicles using a lithium-ion battery pack and a reformed methanol fuel cell range extender. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 1856-1863.	7.1	34
15	Control and experimental characterization of a methanol reformer for a 350W high temperature polymer electrolyte membrane fuel cell system. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 1676-1684.	7.1	49