

Simon Sahlin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

750
citations

840776

11
h-index

996975

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all docs

15
docs citations

15
times ranked

877
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. | 7.1 | 320 |
| 2 | A Review of The Methanol Economy: The Fuel Cell Route. Energies, 2020, 13, 596. | 3.1 | 123 |
| 3 | Control and experimental characterization of a methanol reformer for a 350ÅW high temperature polymer electrolyte membrane fuel cell system. International Journal of Hydrogen Energy, 2013, 38, 1676-1684. | 7.1 | 49 |
| 4 | Fault detection and isolation of high temperature proton exchange membrane fuel cell stack under the influence of degradation. Journal of Power Sources, 2017, 359, 37-47. | 7.8 | 44 |
| 5 | Test of hybrid power system for electrical vehicles using a lithium-ion battery pack and a reformed methanol fuel cell range extender. International Journal of Hydrogen Energy, 2014, 39, 1856-1863. | 7.1 | 34 |
| 6 | Fault Characterization of a Proton Exchange Membrane Fuel Cell Stack. Energies, 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. International Journal of Hydrogen Energy, 2017, 42, 15851-15860. | 7.1 | 28 |
| 8 | System model development for a methanol reformed 5ÅkW high temperature PEM fuel cell system. International Journal of Hydrogen Energy, 2015, 40, 13080-13089. | 7.1 | 25 |
| 9 | Dynamic modeling and experimental investigation of a high temperature PEM fuel cell stack. International Journal of Hydrogen Energy, 2016, 41, 4729-4739. | 7.1 | 24 |
| 10 | Impedance characterization of high temperature proton exchange membrane fuel cell stack under the influence of carbon monoxide and methanol vapor. International Journal of Hydrogen Energy, 2017, 42, 21901-21912. | 7.1 | 24 |
| 11 | Modeling and Design of a Multi-Tubular Packed-Bed Reactor for Methanol Steam Reforming over a Cu/ZnO/Al ₂ O ₃ Catalyst. Energies, 2020, 13, 610. | 3.1 | 24 |
| 12 | Effects of Impurities on Pre-Doped and Post-Doped Membranes for High Temperature PEM Fuel Cell Stacks. Energies, 2021, 14, 2994. | 3.1 | 9 |
| 13 | Modeling of a HTPEM fuel cell using Adaptive Neuro-Fuzzy Inference Systems. International Journal of Hydrogen Energy, 2015, 40, 16814-16819. | 7.1 | 7 |
| 14 | System Design and Modeling of a High Temperature PEM Fuel Cell Operated with Ammonia as a Fuel. Energies, 2020, 13, 4689. | 3.1 | 5 |
| 15 | Modeling a Hybrid Reformed Methanol Fuel Cellâ€“Battery System for Telecom Backup Applications. Energies, 2022, 15, 3218. | 3.1 | 3 |