Submission
"Thermo-economic analysis of Proton Exchange Membrane fuel cell fuelled with biomethane obtained from human waste by computer simulation"

Results produced by eXtyles

Reference checking is done for journal citations. If the journal citation has a Scopus or CrossRef link, it has been validated. If 'Not Checked' is displayed, the citation is not a journal citation and has not been reference checked. If 'not Validated' is displayed, the journal citation could not be validated.

Summarized Results

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Total Citations	**25**
Validated and Linked	**8**
Not Checked	**13**
Not Validated	**4**

#	Citation	Validation	CrossRef
1	Abdulkareem, A.S., Jimoh, A., Bilyaminu, S., Kovo, A.S., Bale, S.O. (2014). Predictive mathematical model and simulation of energy and exergy analysis of proton exchange membrane fuel cell fuelled with ethanol fuel. In: Proceedings of Nigeria Engineering Conference. Ahmadu Bello University, Zaria, 15-18th September, 2014.	Not Checked	
2	Alves, J. H., Bley, J. C., Niklevicz, R. R., Frigo, E. P., Coimbra-Arau´ jo, C. H. (2013). Overview of hydrogen production technologies from biogas and the applications in fuel cells. *International Journal of Hydrogen Energy* 2013;38:5215e25.	Not Checked	
3	Attuluri, R., Vijay, B., Manoj, P. K., & Srinivasa, G. R. (2018). Parametric study of the proton exchange membrane fuel cell for investigation of enhanced performance used in fuel cell vehicles. *Alexandria Engineering Journal*, 57, 3953–3958. Doi:.	Validated	CrossRef
4	Ay, M., Midilli, A., & Dincer, I. (2006). Thermodynamic modeling of a proton exchangem embrane fuel cell. *International journal of exergy*. 3(1) DOI: .	Validated	CrossRef
5	Cengel, Y.A., Boles, M.A., (2005). Thermodynamics an Engineering Approach, fifth ed. Mc Graw-Hill, Newyork.	Not Checked	
6	Cozzolino, R. (2018). Thermodynamic Performance Assessment of a Novel Micro-CCHP System Based on a Low Temperature PEMFC Power Unit and a Half-Effect Li/Br Absorption Chiller. *Energies 2018*, 11, 315. .	Validated	CrossRef
7	Dincer I, and Rosen MA. (2007). Thermodynamic aspects of renewables and sustainable development. Renewable and Sustainable Energy Reviews9	Not Validated	
8	Dodds, P. E., Staffell, I., Hawkes, A. D., Li F, Grunewald, P., & McDowall, W. (2015). Hydrogen and fuel cell technologies for heating: a review. *International Journal of Hydrogen Energy* 2015;40:2065e83.	Not Checked	
9	Ersoz, A., Olgun, H. and Ozdogan, S. (2006). "Reforming Options for Hydrogen Production from Fossil Fuels for PEM Fuel Cells." *Journal of Power Sources* 154: 67–73.	Validated	CrossRef
10	Galvagno, A., V. Chiodo, F. Urbani, and F. Freni. 2013. Biogas as hydrogen source for fuel cell applications. International Journal of Hydrogen Energy 38:3913–20. .	Validated	CrossRef

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11	George, N. P., & Frank, A. C. (2017). Thermodynamic analysis of biogas fed solid oxide fuel cell power plants. *Journal of Renewable Energy*. Renewable Energy 108 (2017) 1e10. Doi:10.1016/j.renene.2017.02.043.	Not Checked	
12	Henry Isiong (2006). Simulation and optimization of propane autothermal reformer for fuel cell application. M.Sc Thesis Submitted to the Department of Chemical Engineering, University of Technology, Malaysia.	Not Checked	
13	Kamaruddin A., Norazana, I., Kamarul 'Asri, I., & Arshad A. (2006). Simulation of hydrogen production for mobile fuel cell applications via autothermal reforming of methane. *Proceedings of the 1st International Conference on Natural Resources Engineering & Technology*. Putrajaya, Malaysia, 540-548	Not Checked	
14	Kazim Ayoub. (2005). Exergoeconomic analysis of a PEM Fuel Cell at various operating conditions. *Energy conversion and management* 46(7): 1073-1081.	Not Validated	
15	Montelongo-Luna, J.M., Svrcek, W.Y., Young, B.R., (2009). Open source exergy calculator tool. Asia Pac. J. Chem. Eng. 2, 431e437. http://dx.doi.org/10.1002/apj.076.	Not Checked	
16	Mousafarah, A., Ameri, M. (2013). Exergy and Exergo-Economic based analysis of a gas turbine power generation system. J. Power Technol. 93 (1), 44-51.	Not Validated	
17	Olgun, H., Ersoz, A., Kaya, D., Tiris, M., Akgun, F., & Ozdogan, S. (2006). Simulation Study of a PEM Fuel Cell System with Steam Reforming. International journal of green energy, 1:3, 313-325, DOI: .	Validated	CrossRef
18	Partho S. Roy and Rahul Amine M. (2011). Aspen HYSYS Simulation of Natural Gas Processing Plant. *Journal of chemical Engineering, IEB vol. ChE 26.*	Not Checked	
19	Rosen M.A., Dincer I, (2003). Exergy-cost-energy-mass analysis of thermal systems and processes. Energy Conversion Management, Vol. 4(10), pp. 1633–1651.	Validated	CrossRef
20	Smith, J.M., Van Ness, H.C., Abbott, M.M., (2005). Chemical Engineering Thermodynamics, seventh ed. McGraw-Hill Limited, New York.	Not Checked	
21	Sophie, A. A., & Robert, S. W. (2018). Systematic analysis of biomass derived fuels for fuel cells. *International journal of hydrogen energy*, 43(2018)23178e23192. Doi:10.1016/j.ijhydene.2018.10.161.	Not Checked	
22	Suleiman, B., Abdulkareem, A.S., Musa, U., Mohammed, I.A., Olutoye, M.A., Abdullahi, Y.I., (2016). Thermo-economic analysis of proton exchange membrane fuel cell fuelled with methanol and methane. Energy Convers. Manag. 117, 228-240.	Validated	CrossRef
23	Suleiman, B., Olawale, A.S., Waziri, S.M., (2015). Thermo-economic assessement of THIDC-PSA hybrid configuration for bioethanol refining. Niger. J. Eng. 21 (2), 81-91.	Not Validated	
24	Tsatsaronis G. (2011). Minimization of Costs and Environmental Impact Using Exergy-Based Methods. *Institute for Energy Engineering.*	Not Checked	
25	Tsatsaronis, G., (2010). Minimization of Costs and Environmental Impact Using Exergy-Based Methods. The Future for Sustainable Built Environments with High Performance Energy Systems Conference, München.	Not Checked	