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## Publikationer

### **Online fault detection and isolation of PEMFC based on EIS and data-driven methods: Feasibility study and prospects**

Yu, D., Li, X., Zhou, F., Simon Araya, S., Sahlin, S. L., Subramanian, S. & Liso, V., 15 jun. 2025, I: *Journal of Power Sources*. 641, 236915.

### **Eulerian-Eulerian CFD Modeling of Multiphase Flow and Heat Transfer in Alkaline Electrolysis Cells**

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### **A novel method of EIS application in online fault diagnosis of high-temperature PEMFC with CNN**

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## **Aktiviteter**

### **Preparation of Research Plan for PhDs: PhD Planning**

Araya, S. S. (Foredragsholder)  
29 sep. 2014

### **Combustion Technology and Chemical Reactors: Chemical Reactors**

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sep. 2014 → jan. 2015

**Future energy systems**

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15 mar. 2012

**Analysis of CH<sub>3</sub>OH, CO, CO<sub>2</sub> and Water Vapor In a H<sub>3</sub>PO<sub>4</sub>/PBI-based HT-PEMFC by Means of EIS**

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7 aug. 2011 → 10 aug. 2011