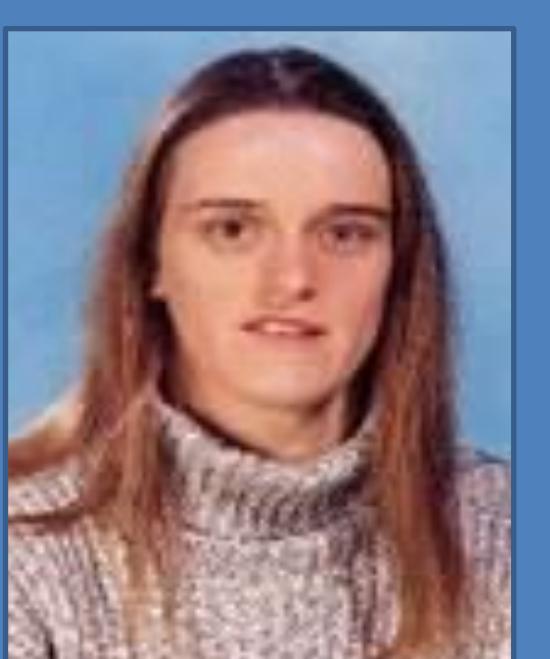




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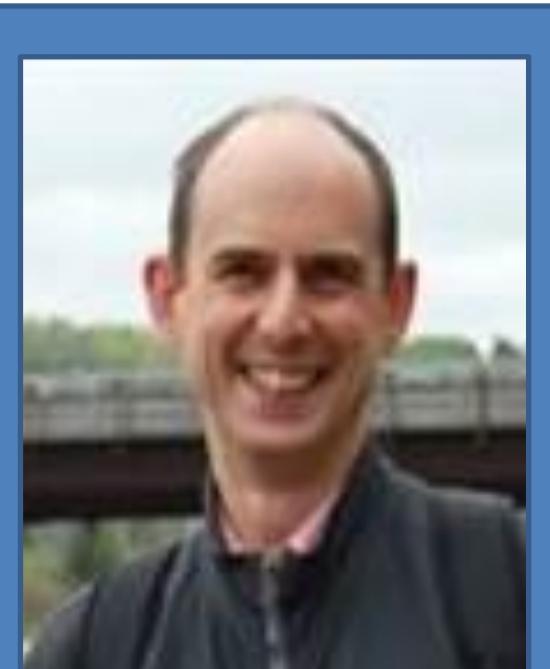
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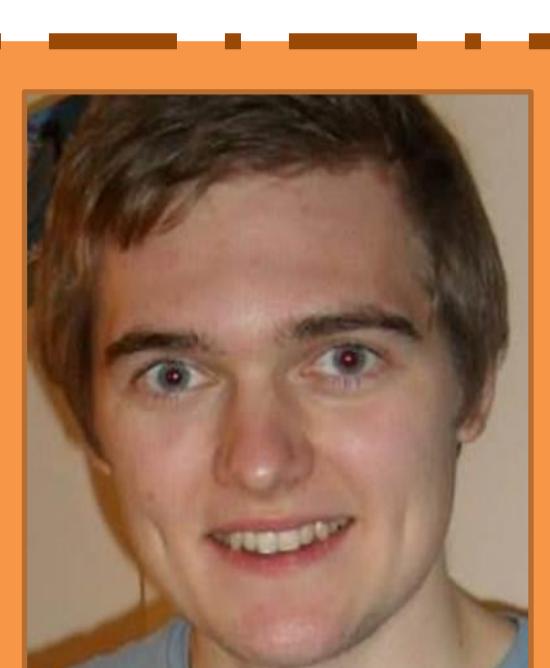
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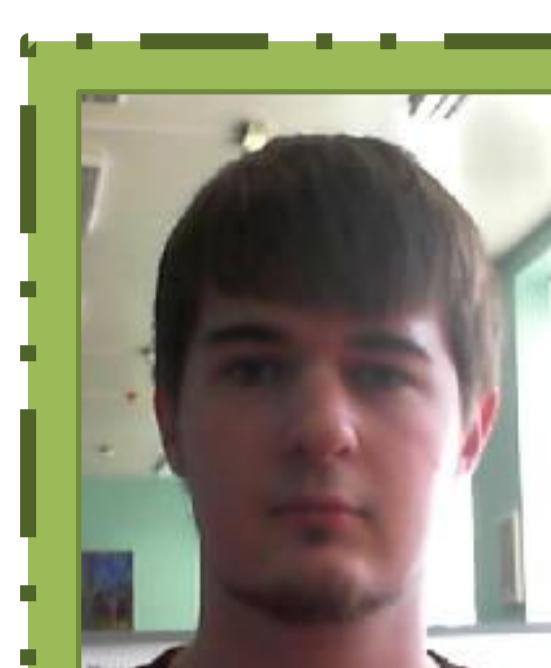
Nanotoxicological Properties of Fuel Cell Emissions
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Techno-Economic analysis of a Microbial Fuel Cell driven anaerobic digestion process
Sandy Lamond
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Developing new catalysts for protic ionic liquid fuel cells following research of the mechanism of the oxygen reduction reaction
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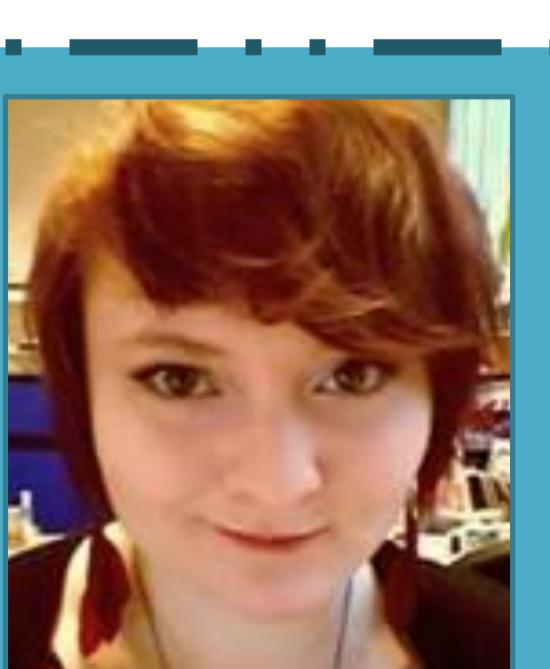
Photoelectrochemical generation of hydrogen
Andrew McInnes
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Enhancing Fuel Cell Lifetime Performance through Effective Health Monitoring and Decision Support
Ben Davies
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Research into PEMFC catalysts
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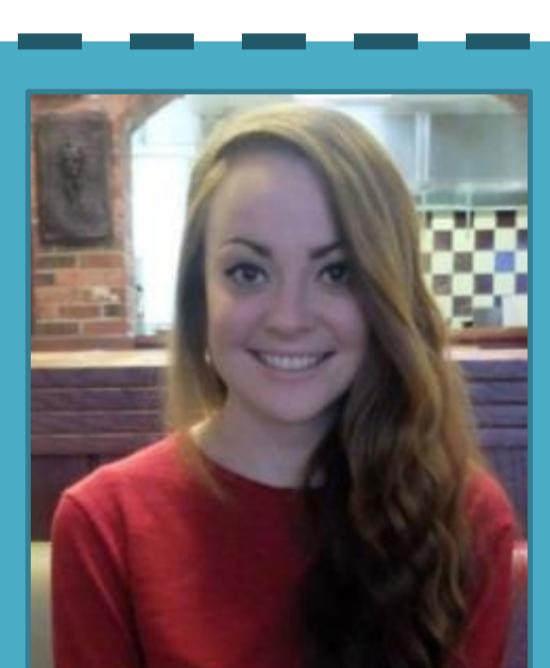
Applications of Life Cycle Methodology to Hydrogen from Biomass
Sophie Alice Archer
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Non-precious-metal catalysts for Alkaline Polymeric Membrane Fuel Cells (APMFC)
Miguel Angel Molina Garcia
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Microstructural Causes and effects of thermally driven degradation in Solid Oxide Fuel Cells
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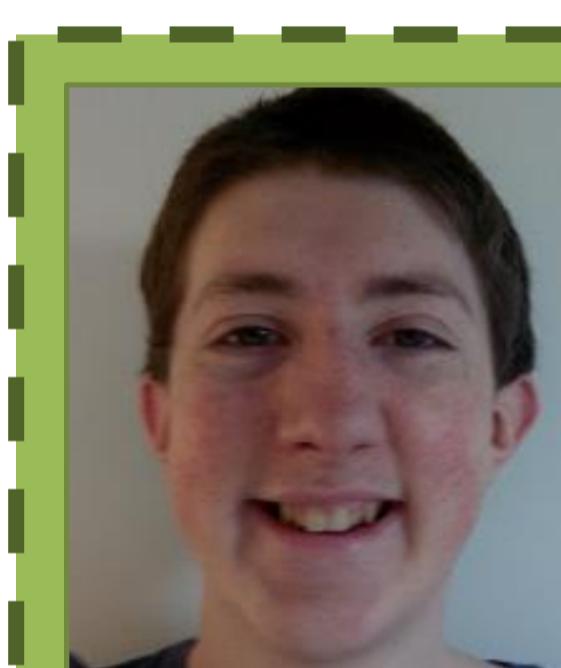
Applied and fundamental understanding of novel non platinum fuel cell catalysts in collaboration with Amalyst
Laura Allerston
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Size-selected atomic clusters for electrocatalysis and photoelectrocatalysis
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Manganese oxide-Graphene oxide hybrid support systems for DMFC (and PEMFC) applications
Aimee Jackson
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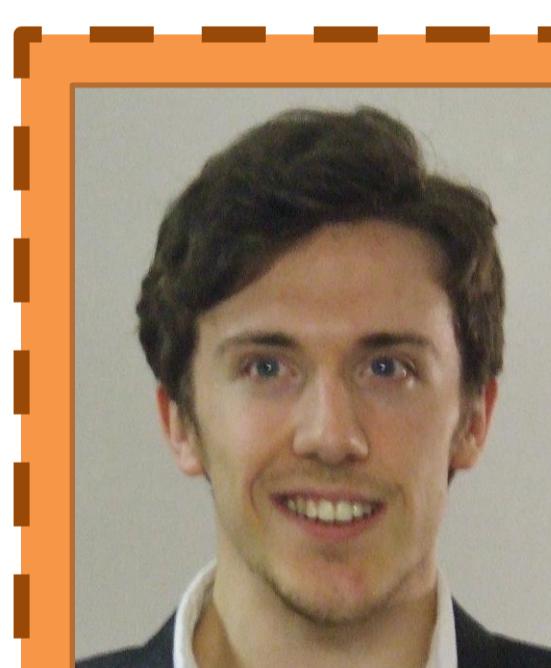
Economic photo-electrochemical route for the production of Ammonia (or solar fuels)
Jake Walls
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Catalysts for methane reforming being used in a SOFC powered APU for trucks
Lois Milner
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Investigation of Binary and Ternary Catalysts to Create Low-Cost, High Performance Electrocatalysts for Proton Exchange Membrane Fuel Cells
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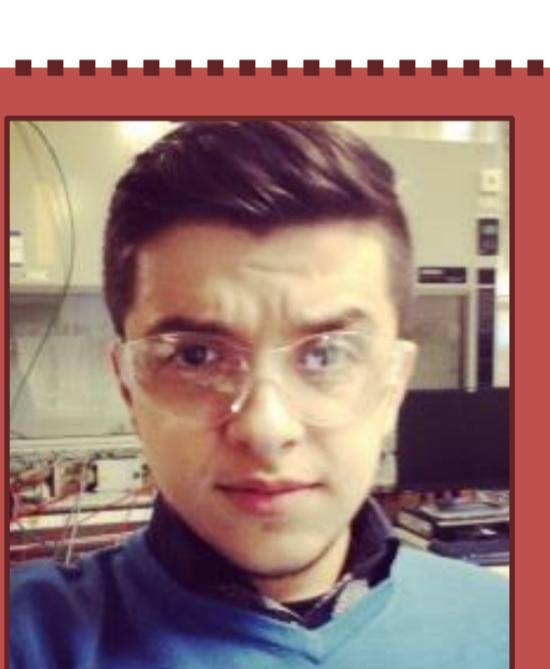
Ionic Liquid Fuel Composition Fuel Cells for Intermediate PEM
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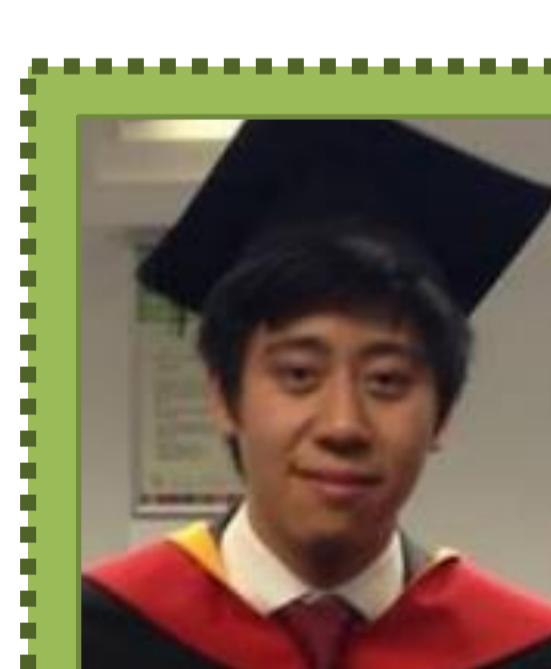
Modelling Microstructural and Chemical Degradation of Protective Coatings for SOFC Interconnects
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3D Multiphysics Modelling and Experimental Validation of Microtubular Solid Oxide Fuel Stacks with novel Interconnection.
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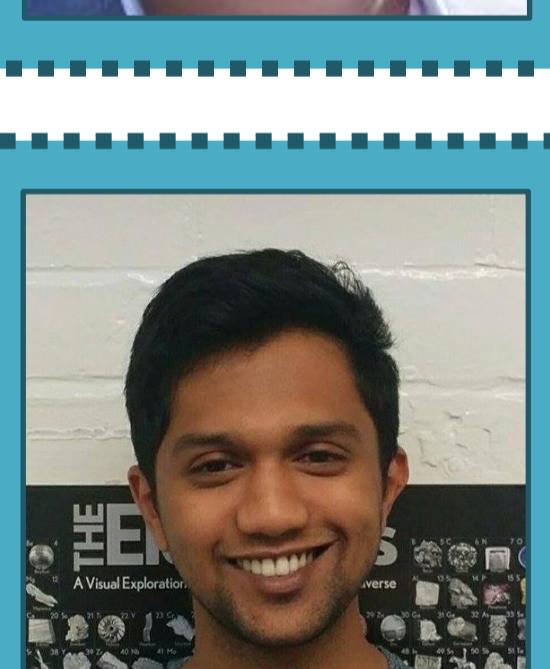
Development of a Segmented Fuel Cell-Supercapacitor Passive Hybrid System
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The Impact of Environmental Conditions on Fuel Cell Performance
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An investigation of in-situ grown NiPt nanowires for PEFC applications
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R. Sphaeroides for Biohydrogen production and Fuel Cell Catalysts
Alan Stephen
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Design and Microstructural Control of All-Ceramic Anodes for Solid Oxide Fuel Cells and Solid Oxide Electrolysis Cells
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Removal of carbon dioxide from biogas for hydrogen production
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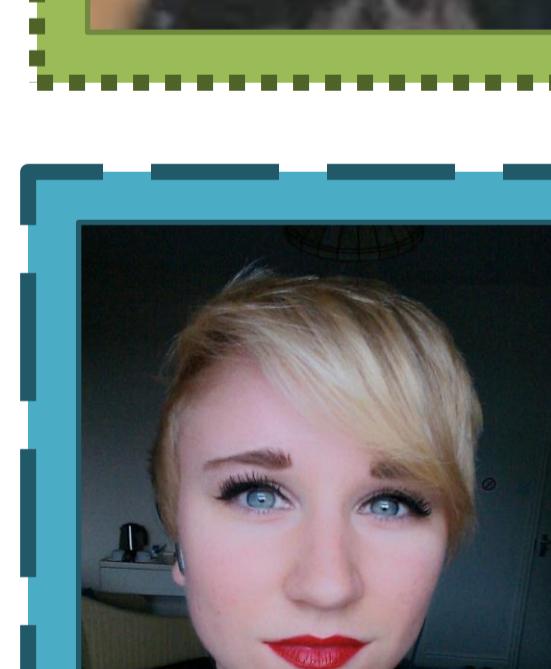
The photocatalytic production of hydrogen from contaminated water in a microfluidic system
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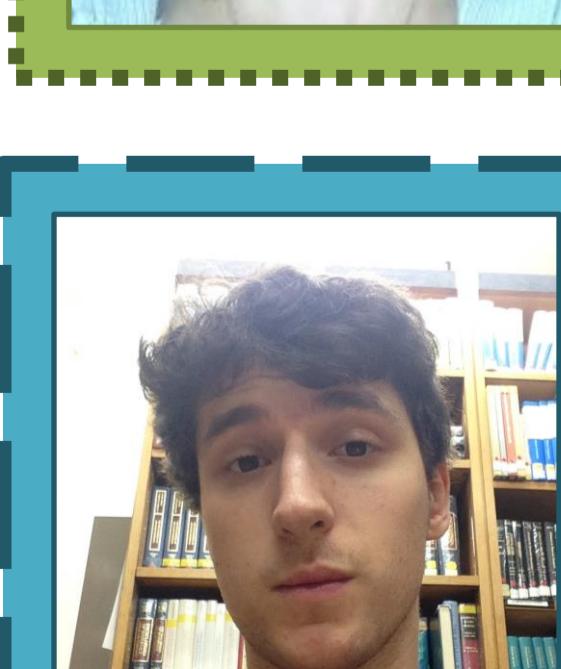
Fuel Cell Powered Aircraft
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The added value of hydrogen and fuel cells
Beatrice Sampson
BJS284@student.bham.ac.uk



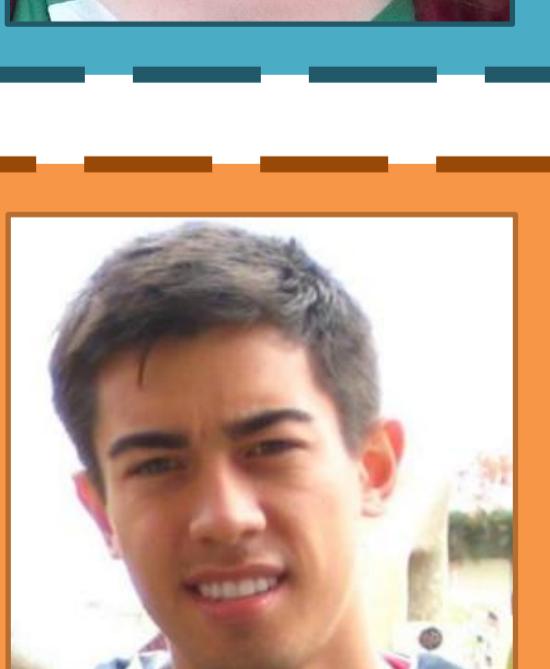
Operation of Tn-Doped SOFCs on Fuel Mixtures of Hydrogen, Methane and Biogas
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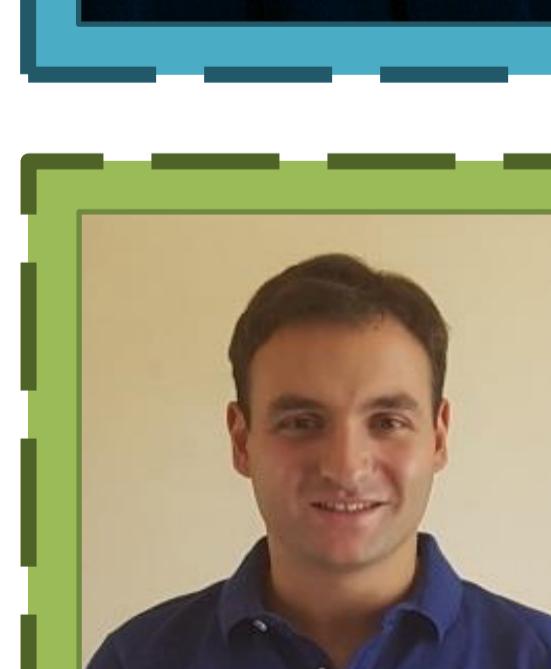
Optimisation of conditions and material properties to maximise the efficiency of interface ion exchange within PEMFC
Sam Eadley
SXE681@student.bham.ac.uk



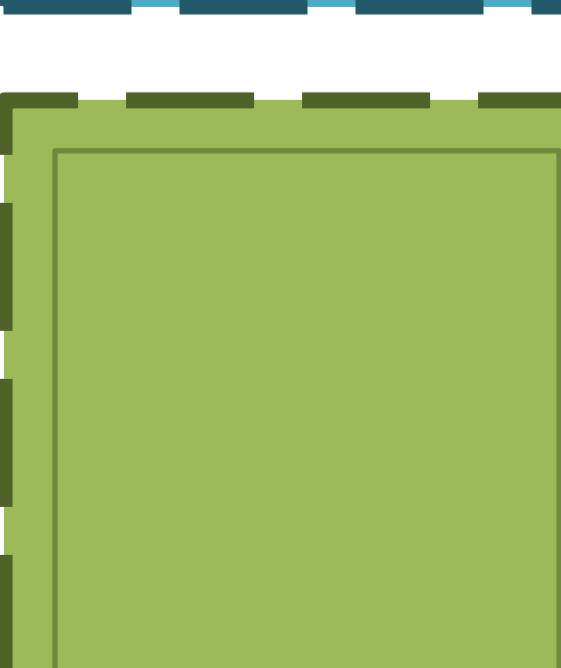
Ccm's (catalyst coated membranes) with textured membranes and stack development
Oliver Fernihough
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Improved solid state storage efficiency through design
Marcus Adams
Marcus.Adams@nottingham.ac.uk



Developing Next Generation Direct Fuel Cell Systems using Liquid Fuels for Building and Automotive Applications
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Computational modelling of materials for fuel cells
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PhD Completion 2019

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