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CELL"; ""3.1. INTRODUCTION"; ""3.2. MODELLING DOMAIN AND GEOMETRY"; ""3.3. COMPUTATIONAL PROCEDURE"; ""3.4. RESULTS"; ""3.4.1. Velocity Profile"; ""3.4.2. Oxygen Distribution"; ""3.4.3. Hydrogen Distribution"; ""3.4.4. Current Density Distribution"; ""3.4.5. Cell Temperature Distribution"; ""3.4.6. Activation Overpotential Distribution"; ""3.4.7. Ohmic Overpotential Distribution"; ""3.4.8. Membrane Overpotential Distribution"" ""3.4.9. Diffusion Overpotential Distribution"" ""4. PLANAR MICRO-STRUCTURED AIRBREATHINGPEM FUEL CELL"; ""4.1. INTRODUCTION"; ""4.2. MODELLING DOMAIN AND GEOMETRY"; ""4.3. COMPUTATIONAL PROCEDURE"; ""4.4. RESULTS"; ""4.4.1. Velocity Profile"; ""4.4.2. Oxygen Distribution"; ""4.4.3. Hydrogen Distribution"; ""4.4.4. Current Density Distribution"; ""4.4.5. Cell Temperature Distribution"; ""4.4.6. Activation Overpotential Distribution"; ""4.4.7. Ohmic Overpotential Distribution"; ""4.4.8. Membrane Overpotential Distribution"; ""4.4.9. Diffusion Overpotential Distribution"" ""5. PLANAR COMPACTED-DESIGN MICROSTRUCTUREDAIR-BREATHING PEM FUELCELL"" ""5.1. INTRODUCTION"; ""5.2. MODELLING DOMAIN AND GEOMETRY"; ""5.3. COMPUTATIONAL PROCEDURE"; ""5.4.1. Velocity Profile"; ""5.4.2. Oxygen Distribution"; ""5.4.3. Hydrogen Distribution"; ""5.4.4. Current Density Distribution"; ""5.4.5. Cell Temperature Distribution"; ""5.4.6. Activation Overpotential Distribution"; ""5.4.7. Ohmic Overpotential Distribution"; ""5.4.8. Membrane Overpotential Distribution"; ""5.4.9. Diffusion Overpotential Distribution"; ""5.5. MICRO-SCALE FUEL CELLS"" ""6. TUBULAR AIR-BREATHING PEM FUELCELL""

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