Dhavanesan Kothanda Ramachandran - Research outputs - DTU Orbit (04/10/2019)

Design and optimization of porous ceramic supports for asymmetric ceria-based oxygen transport membranes

Low cost porous MgO substrates for oxygen transport membranes

Oxygen transport membrane.

Fabrication and performance of a tubular ceria based oxygen transport membrane on a low cost MgO support

Modeling constrained sintering of bi-layered tubular structures

Tailoring of porosity of yttria-stabilized zirconia tubes as supports for oxygen separation membranes

The role of sacrificial fugitives in thermoplastic extrusion feedstocks on properties of MgO supports for oxygen transport membranes

Experimental extrusion of tubular multilayer materials for Oxygen Transport Membranes

Tailoring the microstructure of porous MgO supports for asymmetric oxygen separation membranes: Optimization of thermoplastic feedstock systems

Tailoring the porosity and shrinkage of extruded MgO support tubes for oxygen separation membranes by thermoplastic feedstock development