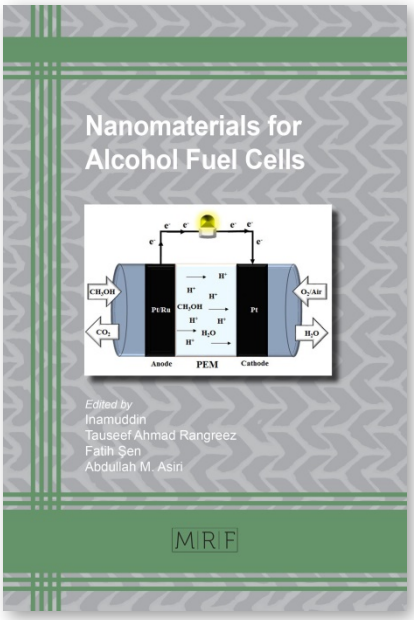
Nanomaterials for Alcohol Fuel Cells



Eds. Inamuddin, Tauseef Ahmad Rangreez, Fatih Şen, Abdullah M. Asiri

PDF eBook / PDF eBook DRM Free

The present book focusses on pertinent types of nanomaterial-based catalysts, membranes and supports for alcohol fuel cells.

Keyword: Alcohol Fuel Cells, Direct Methanol Fuel Cells, Alcohol Oxidation, Nano-Catalysts, Carbon-Based Nanomaterials, Polymer Electrolyte Membranes, Nanomaterials for Oxygen Reduction, Polymer-based Nanocomposites, Electrocatalysts, Ethanol Electro-Oxidation, Proton Electrolyte Membranes, Methanol Oxidation, Polymer-based Nanocomposites, Trimetallic Nanoparticles.

ISBN 13: 978-1-64490-019-2, **Publication Date:** 2019 (5/25/2019)
Direct URL: http://www.mrforum.com/product/nanomaterials-for-alcohol-fuel-cells
398 pages, PDF eBook DRM Free, USD 125.00
Materials Research Foundations Vol. 49 / **BISAC:** TEC021000 / **BIC/Thema:** TGM
Imprint: Materials Research Forum LLC, *Publisher's sales rights are Wordwide*

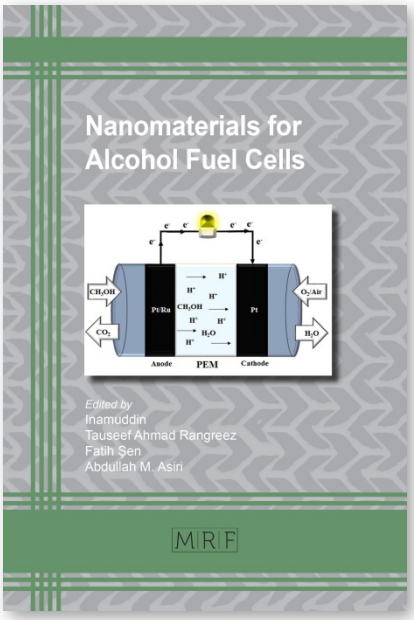
Summary:

Alcohol fuel cells are very attractive as power sources for mobile and portable applications. As they convert the chemical energy of fuels into electricity, much recent research is directed at developing suitable and efficient catalysts for the process. The present book focusses on pertinent types of nanomaterial-based catalysts, membranes and supports.

Book Information

Materials Research
Solid State Physics and Engineering

Nanomaterials for Alcohol Fuel Cells



Eds. Inamuddin, Tauseef Ahmad Rangreez, Fatih Şen, Abdullah M. Asiri

Handbook / color print, paperback

The present book focusses on pertinent types of nanomaterial-based catalysts, membranes and supports for alcohol fuel cells.

Keyword: Alcohol Fuel Cells, Direct Methanol Fuel Cells, Alcohol Oxidation, Nano-Catalysts, Carbon-Based Nanomaterials, Polymer Electrolyte Membranes, Nanomaterials for Oxygen Reduction, Polymer-based Nanocomposites, Electrocatalysts, Ethanol Electro-Oxidation, Proton Electrolyte Membranes, Methanol Oxidation, Polymer-based Nanocomposites, Trimetallic Nanoparticles.

ISBN 13: 978-1-64490-018-5, **Publication Date:** 2019 (5/25/2019)
Direct URL: http://www.mrforum.com/product/nanomaterials-for-alcohol-fuel-cells
398 pages, color print, paperback, USD 125.00
Materials Research Foundations Vol. 49 / **BISAC:** TEC021000 / **BIC/Thema:** TGM
Imprint: Materials Research Forum LLC, *Publisher's sales rights are Wordwide*

Summary:

Alcohol fuel cells are very attractive as power sources for mobile and portable applications. As they convert the chemical energy of fuels into electricity, much recent research is directed at developing suitable and efficient catalysts for the process. The present book focusses on pertinent types of nanomaterial-based catalysts, membranes and supports.

Materials Research Forum LLC
105 Springdale Lane
Millersville, PA 17551
U.S.A.

http://www.mrforum.com
e-mail: t.wohlbier@mrforum.com
Phone: (+1) 717 872 1943