NOx conversion in La_{0.85}Sr_{0.15}Co_{0.03}Mn_{0.97}O_{3+d}-Ce_{0.9}Gd_{0.1}O_{1.95} porous cell stacks infiltrated with Pt

Corrosion Study of Cr-Oxide Ceramics Using Rotating Ring Disk Electrode

Effect of cobalt on the activity of dual phase "(Gd0.6Sr0.4)0.99Fe1-xCoxO3-δ" SOFC cathodes

Highly porous Ce-W-TiO2 free-standing electrospun catalytic membranes for efficient de-NOx via ammonia selective catalytic reduction

Silver Modified Cathodes for Solid Oxide Fuel Cells

Activation/Deactivation Phenomena in the Electrochemical Reduction of Nitric oxide and Oxygen on LSM perovskites

Amorphous saturated Cerium-Tungsten-Titanium oxide nanofibers catalysts for NOx selective catalytic reaction

Communication—Perovskite Electrochemical System for Highly Selective NOx Reduction of Diesel Engine Exhaust

Cr- and Ti-Based Spinels as Materials for Anodic Catalyst Support in PEM Electrolysis Cells: Assessing Corrosion Stability and Support Role in Catalyst Activity of Corrosion Stable Ceramics

Cr- and Ti-Based Spinels As Materials for Anodic Catalyst Support in PEM Electrolysis Cells: Assessing Corrosion Stability and Support Role in Catalyst Activity of Corrosion Stable Ceramics

Electrochemical removal of NOx using oxide-based electrodes - A review

Novel Processing of Cathodes for Solid Oxide Fuel Cells

Studies of A-site Deficient (Gd_{0.6}Sr_{0.4})_{1–s}Fe_{0.8}Co_{0.2}O_{3–δ} cathodes in SOFCs

The Role of Pore-Formers on Grain Interior and Grain Boundary Conductivity in Tape-Cast Porous Sheets for Electrochemical Flue Gas Purification

Cathode-supported hybrid direct carbon fuel cells

Cone-Shaped Gd_{1–x}Sr_{x}Fe_{0.8}Co_{0.2}O_{3–δ} Electrodes for SOFC Cathodes

Determination of the Resistance of Cone-Shaped Solid Electrodes

Direct Coal Oxidation in Modified Solid Oxide Fuel Cells

Effect of CeO2 Addition on Hybrid Direct Carbon Fuel Cell Performance

Materials for Catalysis, Synthetic Fuels and Chemical Energy Conversion

NOx Selective Catalytic Reduction (SCR) on Self-Supported V-W-doped TiO2 Nanofibers
Permeability, strength and electrochemical studies on ceramic multilayers for solid-state electrochemical cells

Effect of pore formers on properties of tape cast porous sheets for electrochemical flue gas purification

Electrochemical Reduction of NO₂

Electrochemical removal of NOx using solid oxide cells

Fabrication of doped Titania (TiO₂) nanofibers to serve as catalysts in NH₃-Selective Catalytic Reduction (SCR)

Highly selective NOx reduction for diesel engine exhaust via an electrochemical system

Influence of pore former on porosity and mechanical properties of Ce₀.₉Gd₀.₁O₁.₉₅ electrolytes for flue gas purification

New Hypothesis for SOFC Ceramic Oxygen Electrode Mechanisms

Catalytic Enhancement of Carbon Black and Coal-Fueled Hybrid Direct Carbon Fuel Cells

Direct Coal Oxidation in Modified Solid Oxide Fuel Cells

Effect of Co₃O₄ and Co₃O₄/CeO₂ infiltration on the catalytic and electro-catalytic activity of LSM₁₅/CGO₁₀ porous cell stacks for oxidation of propene

Electrochemical reduction of NO with propene in the presence of oxygen on LSCoM/CGO porous cell stacks impregnated with BaO

Enhancing hybrid direct carbon fuel cell anode performance using Ag₂O

Erratum: In Situ Studies of Fe⁴⁺ Stability in β-Li₃Fe₂(PO₄)₃ Cathodes for Li Ion Batteries

Fabrication of doped Titania (TiO₂) nano-catalysts in the shape of nanofibers

Hybrid direct carbon fuel cell anode processes investigated using a 3-electrode half-cell setup

Hybrid Direct Carbon Fuel Cell Performance with Anode Current Collector Material

In Situ Studies of Fe⁴⁺ Stability in β-Li₃Fe₂(PO₄)₃ Cathodes for Li Ion Batteries

Method and system for the purification of exhaust gas with an electrochemical cell

Nano scaled electro catalysts, a versatile concept for novel solid state fuel cells and electro-catalytic reactors

NOₓ Conversion of Porous LSF₁₅-CGO₁₀ Cell Stacks
Catalytic Enhancement of Solid Carbon Oxidation in HDCFCs

Effect of CeO$_2$ Infiltration on Hybrid Direct Carbon Fuel Cell Performance

Effect of Co3O4 and CeO2 Infiltration on the Activity of a LSM15/GDC10 Highly Porous Electrochemical Reactor

Electrochemical Oxidation of Propene with a LSF$_{15}$/CGO$_{10}$ Electrochemical Reactor

Electrochemical Reduction of Oxygen and Nitric Oxide at Low Temperature on La$_{1-x}$Sr$_x$FeO$_{3-\delta}$ Cathodes

HDCFC Performance as a Function of Anode Atmosphere (N$_2$-CO$_2$)

High Performance Infiltrated Backbones for Cathode-Supported SOFC's

Hybrid direct carbon fuel cells and their reaction mechanisms - a review

Impedance Spectroscopy and Catalytic Activity Characterization of a La$_{0.85}$Sr$_{0.15}$MnO$_3$/Ce$_{0.9}$Gd$_{0.1}$O$_{1.95}$ Electrochemical Reactor for the Oxidation of Propene

Removal of NO$_x$ with Porous Cell Stacks with La$_{0.85}$Sr$_{0.15}$Co$_x$Mn$_{1-x}$O$_{3+\delta}$/Ce$_{0.9}$Gd$_{0.1}$O$_{1.95}$ Electrodes Infiltrated with BaO

A combined SEM, CV and EIS study of multi-layered porous ceramic reactors for flue gas purification

Characterization of LSM/CGO Symmetric Cells Modified by NOx Adsorbents for Electrochemical NOx Removal with Impedance Spectroscopy

Effect of Infiltration Material on a LSM$_{15}$/CGO$_{10}$ Electrochemical Reactor in the Electrochemical Oxidation of Propene

Electrochemical NO$_x$ reduction on an LSM/CGO symmetric cell modified by NO$_x$ adsorbents

Electrochemical reduction of oxygen and nitric oxide at low temperature on Ce$_{1-x}$Pr$_x$O$_{2-\delta}$ cathodes

Electrochemical Reduction of Oxygen and Nitric oxide at low Temperature on La$_{1-x}$Sr$_x$Cr$_{0.97}$V$_{0.03}$O$_{3-\delta}$ Cathodes

Electrochemical reduction of oxygen and nitric oxide at low temperature on La$_{1-x}$Sr$_x$MnO$_{3+\delta}$ cathodes

Enhancement of NO$_x$ removal performance for (La$_{0.85}$Sr$_{0.15}$)$_{0.99}$MnO$_3$/Ce$_{0.9}$Gd$_{0.1}$O$_{1.95}$ electrochemical cells by NO$_x$ storage/reduction adsorption layers

Fabrication and Characterization of multi-layer ceramics for electrochemical flue gas purification
Fabrication of highly porous LSM/CGO cell stacks for electrochemical flue gas purification

In Situ Study of High Voltage Performance of Li$_3$Fe$_2$(PO$_4$)$_3$ Cathodes for Li Ion batteries

NOx reduction on ag electrochemical cells with a K-Pt-Al 2O3 adsorption layer

Production of a half cell with a LSM/CGO support for electrochemical flue gas purification

A combined SEM and CV Study of Solid Oxide Fuel Cell Interconnect Steels

Diffuse Reflectance Infrared Fourier Transform Study of NOx Adsorption on CGO10 Impregnated with K2O or BaO

Electrochemical oxidation of propene by use of LSM$_{15}$/CGO$_{10}$ electrochemical reactor

Electrochemical testing of composite electrodes of (La$_{1-x}$Sr$_x$)$_{1/3}$MnO$_3$ and doped ceria in NO-containing atmosphere

NO$_x$ conversion on LSM15-CGO10 cell stacks with BaO impregnation

NO$_x$-conversion on Porous LSF15-CGO10 Cell Stacks with KNO$_3$ or K$_2$O Impregnation

Optimization of an electrochemical cell with an adsorption layer for NO$_x$ removal

Pore former induced porosity in LSM/CGO cathodes for electrochemical cells for flue gas purification

Improvemnt of LSM15-CGO10 electrodes for electrochemical removal of NOx by KNO3 and MnOx impregnation

Low temperature reduction of NO and O2 on A-site deficient (Pr0.6Sr0.4)1−xFe0.8Co0.2O3−δ perovskites

Optimizing the Performance of Porous Electrochemical Cells for Flue Gas Purification using the DOE method

Ceria and strontium titanate based electrodes

Characterization of (La$_{1-x}$Sr$_x$)$_{1/3}$MnO$_3$ and Doped Ceria Composite Electrodes in NO$_x$-Containing Atmosphere with Impedance Spectroscopy

Composite Material Suitable for Use as Electrode Material in a SOC

Effect of impregnation of La$_{0.85}$Sr$_{0.15}$MnO$_3$/Yttria Stabilized Zirconia Solid Oxide Fuel Cell cathodes with La$_{0.85}$Sr$_{0.15}$MnO$_3$ or Al$_2$O$_3$ nano-particles

EIS measurements on La$_{1-x}$Sr$_x$Co$_{1-y}$Fe$_y$O$_{3-δ}$ based composite electrodes in NO$_x$ containing atmosphere

Electrochemical reduction of nitrous oxide on La1-xSrxFeO3 perovskites

Electrochemical Reduction of NOx Gases on Spinel-Type Electrode Materials
Electrochemical Reduction of Oxygen and Nitric Oxide at Low Temperature on La$_{1-x}$Sr$_x$CoO$_{3-delta}$ Cathodes

Electrochemical removal of NO$_x$ with porous cell stacks

Electrochemical Removal of NOx-Gasses by Use of LSM and LSF Cathodes Impregnated with NOx-Storage Compounds

Electrochemical Removal of NOx-Gasses by Use of LSM-Cathodes Impregnated with a NOx Storage Compound

High Performance Fe-Co Based SOFC Cathodes

NiCr (x) Fe$_{2-x}$ O-4 as cathode materials for electrochemical reduction of NO (x)

Sintering effect on material properties of electrochemical reactors used for removal of nitrogen oxides and soot particles emitted from diesel engines

Solid Oxide Fuel Cell
A method for producing a reversible solid oxid fuel cell

Solid State Electrochemical DeNOx
An overview

The Effect of a CGO Barrier Layer on the Performance of LSM/YSZ SOFC Cathodes

The effect of A-site deficiency on the performance of La$_{1-s}$Fe$_{0.4}$Ni$_{0.6}$O$_{3-delta}$ cathodes

An EIS study of La$_{2-x}$Eu parts per thousand x Sr (x) NiO$_{4+}$ (delta) SOFC cathodes

A-Site Deficient (Pr$_{0.6}$Sr$_{0.4}$)(1-s)Fe$_{0.8}$Co$_{0.2}$O$_{3-delta}$ Perovskites as Solid Oxide Fuel Cell Cathodes

Characterization of MgMnxFe$_2$-xO4 as a possible cathode material for electrochemical reduction of NOx

Electrochemical characterization and redox behavior of Nb-doped SrTiO$_3$

Electrochemical reduction of NO on La$_{2-x}$Sr$_x$NiO$_4$ based electrodes

Processing and characterization of porous electrochemical cells for flue gas purification

The NiFe$_{2}$O$_{4}$-MgFe$_{2}$O$_{4}$ series as electrode materials for electrochemical reduction of NOx

Defect and electrical transport properties of Nb-doped SrTiO$_3$

Electrochemical cell for removing NOx and soot from diesel exhaust

Electrochemical reduction of NO and O2 on La$_{2-x}$Sr$_x$CuO$_4$-based electrodes

Electrochemical reduction of O2 and NO on Ni, Pt and Au
Evaluation of LSF based SOFC Cathodes using Cone-shaped Electrodes

Niobium-doped strontium titanates as SOFC anodes

Strontium Titanate-based Composite Anodes for Solid Oxide Fuel Cells

Temperature dependence of the cation distribution in ZnFe2O4 measured with high temperature neutron diffraction

The action of nano-particles in SOFC electrodes

A-site deficient (La0.6Sr0.4)1-sFe0.8Co0.2O3-delta perovskites as SOFC cathodes

Conductivity and electrochemical characterization of PrFe1-xNixO3-δ at high temperature

Electrochemical reduction of NO_2 studied by the use of cone-shaped electrodes

Gd0.6Sr0.4Fe0.8Co0.2O3-δ: A novel type of SOFC cathode

High performance ceramic composite anodes for solid oxide fuel cells

Influence of BaO in perovskite electrodes for the electrochemical reduction of NOx

New methods for removal of soot and NOx

Niobium-doped strontium titanates as SOFC anodes

Processing of Ce1-xGdxO2-delta (GDC) thin films from precursors for application in solid oxide fuel cells

Spinels as cathodes for the electrochemical reduction of O2 and NO

Spinel-type electrode materials for purification of exhaust gasses from diesel fired engines

Synthesis of Nb-doped SrTiO_3 by a modified glycine-nitrate process

Effects of Sr/Ti-ratio in SrTiO_3-based SOFC anodes investigated by the use of cone-shaped electrodes

Electrical and electro-chemical characterisation of La0.99Fe1−xNixO3−δ perovskites

Electrochemical reduction of NOx on spinel-type materials

Novel ceramic anodes for solid oxide fuel cells investigated by cone shaped electrodes

Studies of Fe-Co based perovskite cathodes with different A-site cations
Synthesis of Nb-doped SrTiO$_3$ by a modified glycine-nitrate process

A study of Pr$_{0.7}$Sr$_{0.3}$Fe$_{1-x}$Ni$_x$O$_{3-\delta}$ as a cathode material for SOFCs with intermediate operating temperature

Ceria revisited: Electrolyte or electrode material?

Charge disproportionation in (X$_{0.6}$Sr$_{0.4}$)$_{0.99}$Fe$_{0.8}$Co$_{0.2}$O$_{3-\delta}$ perovskites (X = La, Pr, Sm, Gd)

Electro-catalytic processes studied by the use of point electrodes

Electrochemical DeNO$_x$ in solid electrolyte cells - an overview

LSFM perovskites as cathodes for the electrochemical reduction of NO

Oxidation of methane and hydrogen on Ce$_{1-x}$Gd$_x$O$_{2-\delta}$ flourrites

Perovskites as electrodes and catalysts

Solid state electrochemistry. Proceedings

Structural characterization of A-site deficient strontium titanate by the use of cone shaped electrodes, electron microscopy, and XRD

A study of Pr$_{0.7}$Sr$_{0.3}$Fe$_{1-x}$Ni$_x$O$_{3-\delta}$ as a cathode material for intermediate temperature operating SOFCs

A study of Pr$_{0.7}$Sr$_{0.3}$Fe$_{1-x}$Ni$_x$O$_{3-\delta}$ as an SOFC cathode material

Fastoxid-brændselscellen - en elektrokemisk reaktor

Oxidation of methane on oxides

SOFC - an electrochemical reactor

Conversion of hydrocarbons in solid oxide fuel cells

Electrodes for oxidation of methane

Improvement of LSM cathode for high power density SOFCs

Development of thin-electrolyte solid oxide fuel cells

Electrochemical gas cleaning

Strategies for testing of solid oxide fuel cells and electrodes
Working electrode for electrochemical reactor comprises electric conductive ceramic oxide material.

Perovskites as catalysts for the selective catalytic reduction of nitric oxide with propene: Relationship between solid state properties and catalytic activity.

Electrochemical Exhaust Gas Purification

Electrochemical Reduction of NO and O$_2$ on Cu/CuO

Electrochemical Reduction of NO and O$_2$ on Oxide Based Electrodes

Perovskites as Cathodes for Nitric Oxide Reduction

Electrochemical Reactor for Exhaust Gas Purification

Mechanochemical synthesis of Fe-S materials.

Lithium Insertion into Iron Sulfides