Kent Kammer Hansen - DTU Orbit (14/05/2019)

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Department of Energy Conversion and Storage - Senior Researcher

Electrochemical Materials

Research outputs:

NOx conversion in La0.85Sr0.15Co0.03Mn0.97O3+d-Ce0.9Gd0.1O1.95 porous cell stacks infiltrated with Pt
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Effect of cobalt on the activity of dual phase *(Gd0.6Sr0.4)0.99Fe1-xCoxO3-δ* SOFC cathodes
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Highly porous Ce-W-TiO2 free-standing electrospun catalytic membranes for efficient de-NOx via ammonia selective catalytic reduction
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Silver Modified Cathodes for Solid Oxide Fuel Cells
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Activation/Deactivation Phenomena in the Electrochemical Reduction of Nitric oxide and Oxygen on LSM perovskites
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Amorphous saturated Cerium-Tungsten-Titanium oxide nanofibers catalysts for NOx selective catalytic reaction
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Communication—Perovskite Electrochemical System for Highly Selective NOx Reduction of Diesel Engine Exhaust
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

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
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

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
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Electrochemical removal of NOx using oxide-based electrodes - A review
Research output: Contribution to journal › Review – Annual report year: 2018 › Research › peer-review

Novel Processing of Cathodes for Solid Oxide Fuel Cells
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Studies of A-site Deficient (Gd0.6Sr0.4)1-xFe0.8Co0.2O3-δ Cathodes in SOFCs
Hansen, K. K., 2018, In : Fuel Cells. 18, 1, p. 96-100
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

The Role of Pore-Formers on Grain Interior and Grain Boundary Conductivity in Tape-Cast Porous Sheets for Electrochemical Flue Gas Purification
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Cathode-supported hybrid direct carbon fuel cells
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Cone-Shaped Gd1-xSrFe0.8Co0.2O3-δ Electrodes for SOFC Cathodes
Research output: Contribution to journal › Letter – Annual report year: 2017 › Research › peer-review

Determination of the Resistance of Cone-Shaped Solid Electrodes
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Direct Coal Oxidation in Modified Solid Oxide Fuel Cells
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Effect of CeO2 Addition on Hybrid Direct Carbon Fuel Cell Performance
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Materials for Catalysis, Synthetic Fuels and Chemical Energy Conversion
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2017 › Research › peer-review

NOx Selective Catalytic Reduction (SCR) on Self-Supported V,W-doped TiO2 Nanofibers
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review
Permeability, strength and electrochemical studies on ceramic multilayers for solid-state electrochemical cells
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Effect of pore formers on properties of tape cast porous sheets for electrochemical flue gas purification
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Electrochemical Reduction of NO₂
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2016 › Research › peer-review

Electrochemical removal of NOx using solid oxide cells
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

Fabrication of doped Titania (TiO₂) nanofibers to serve as catalysts in NH₃-Selective CatalyticReduction (SCR)
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

Highly selective NOx reduction for diesel engine exhaust via an electrochemical system
Shao, J., Tao, Y. & Kammer Hansen, K., 2016, In : Electrochemistry Communications. 72, p. 36-40 5 p.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Influence of pore former on porosity and mechanical properties of Ce₀.₉Gd₀.₁O₁.₉₅ electrolytes for flue gas purification
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

New Hypothesis for SOFC Ceramic Oxygen Electrode Mechanisms
Research output: Contribution to journal › Conference article – Annual report year: 2016 › Research › peer-review

Catalytic Enhancement of Carbon Black and Coal-Fueled Hybrid Direct Carbon Fuel Cells
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Direct Coal Oxidation in Modified Solid Oxide Fuel Cells
Research output: Contribution to journal › Conference article – Annual report year: 2015 › Research › peer-review

Effect of Co₃O₄ and Co₃O₄/CeO₂ infiltration on the catalytic and electro-catalytic activity of LSM₁₅/CGO₁₀ porous cells stacks for oxidation of propene
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Electrochemical reduction of NO with propene in the presence of oxygen on LS-Co/M/CGO porous cell stacks impregnated with BaO
Effect of CeO₂ Infiltration on Hybrid Direct Carbon Fuel Cell Performance
Research output: Contribution to journal › Conference article – Annual report year: 2014 › Research › peer-review

Effect of Co₃O₄ and CeO₂ Infiltration on the Activity of a LSM15/GDC10 Highly Porous Electrochemical Reactor
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2014 › Research › peer-review

Electrochemical Oxidation of Propene with a LSF₁₅/CGO₁₀ Electrochemical Reactor
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Electrochemical Reduction of Oxygen and Nitric Oxide at Low Temperature on La₁₋ₓSrₓFeO₃₋₅ Cathodes
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

HDCFC Performance as a Function of Anode Atmosphere (N₂-CO₂)
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

High Performance Infiltrated Backbones for Cathode-Supported SOFCs
Research output: Contribution to journal › Conference article – Annual report year: 2014 › Research › peer-review

High Performance Infiltrated Backbones for Cathode-Supported SOFC’s
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2014 › Research › peer-review

A combined SEM, CV and EIS study of multi-layered porous ceramic reactors for flue gas purification
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Impedance Spectroscopy and Catalytic Activity Characterization of a La₀.₈₅Sr₀.₁₅MnO₃/Ce₀.₉Gd₀.₁O₁.₉₅ Electrochemical Reactor for the Oxidation of Propene
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Removal of NOₓ with Porous Cell Stacks with La₀.₈₅Sr₀.₁₅CoₓMn₁₋ₓO₃₋₅/Ce₀.₉Gd₀.₁O₁.₉₅ Cathodes Infiltrated with BaO
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Characterization of LSM/CGO Symmetric Cells Modified by NOx Adsorbents for Electrochemical NOx Removal with Impedance Spectroscopy
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review
Effect of Infiltration Material on a LSM15/CGO10 Electrochemical Reactor in the Electrochemical Oxidation of Propene
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Electrochemical NOx reduction on an LSM/CGO symmetric cell modified by NOx adsorbents
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Electrochemical reduction of oxygen and nitric oxide at low temperature on CePr0.97O2 delta cathodes
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Electrochemical Reduction of Oxygen and Nitric oxide at low Temperature on La1−xSrxCr0.97V0.03O3-5 Cathodes
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Electrochemical reduction of oxygen and nitric oxide at low temperature on La1−xSrxMnO3+δ cathodes
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Enhancement of NOx removal performance for (La0.85Sr0.15)0.99MnO3/Ce0.9Gd0.1O1.95 electrochemical cells by NOx storage/reduction adsorption layers
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Fabrication and Characterization of multi-layer ceramics for electrochemical flue gas purification
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Fabrication of highly porous LSM/CGO cell stacks for electrochemical flue gas purification
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

In Situ Study of High Voltage Performance of Li3Fe2(PO4)3 Cathodes for Li ion batteries
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2013 › Research › peer-review

NOx reduction on ag electrochemical cells with a K-Pt-Al 2O3 adsorption layer
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Production of a half cell with a LSM/CGO support for electrochemical flue gas purification
Andersen, K. B. & Kammer Hansen, K., 2013, In : Ceramics International. 39, 8, p. 8649-8655
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

A combined SEM and CV Study of Solid Oxide Fuel Cell Interconnect Steels
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

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 $(La_{1-x}Sr_x)_3MnO_5$ 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


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


Low temperature reduction of NO and O$_2$ on A-site deficient $(Pr_{0.6}Sr_{0.4})_{1-x}Fe_{0.8}Co_{0.2}O_{3-δ}$ perovskites


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


Ceria and strontium titanate based electrodes


Characterization of $(La_{1-x}Sr_x)_3MnO_3$ 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
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

EIS measurements on La$_{1-x}$Sr$_x$Co$_{1-y}$Fe$_y$O$_{3-δ}$ based composite electrodes in NO$_x$ containing atmosphere
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Electrochemical reduction of nitrous oxide on La$_{1-x}$Sr$_x$FeO$_3$ perovskites
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Electrochemical Reduction of NOx Gases on Spinel-Type Electrode Materials
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2010 › Research › peer-review

Electrochemical Reduction of Oxygen and Nitric Oxide at Low Temperature on La$_{1-x}$Sr$_x$CoO$_3$–δ Cathodes
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Electrochemical removal of NO$_x$ with porous cell stacks
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Electrochemical Removal of NOx-Gasses by Use of LSM and LSF Cathodes Impregnated with NOx-Storage Compounds
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2010 › Research › peer-review

Electrochemical Removal of NOx-Gasses by Use of LSM-Cathodes Impregnated with a NOx Storage Compound
Research output: Contribution to journal › Conference article – Annual report year: 2010 › Research › peer-review

High Performance Fe-Co Based SOFC Cathodes
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

NiCr (x) Fe$_2$-x O-4 as cathode materials for electrochemical reduction of NO (x)
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Sintering effect on material properties of electrochemical reactors used for removal of nitrogen oxides and soot particles emitted from diesel engines
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review
Solid Oxide Fuel Cell: A method for producing a reversible solid oxid fuel cell
Research output: Patent › Patent – Annual report year: 2010 › Research

Solid State Electrochemical DeNOx: An overview
Kammer Hansen, K., 2010, In : Applied Catalysis B: Environmental. 100, 3-4, p. 427-432
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

The Effect of a CGO Barrier Layer on the Performance of LSM/YSZ SOFC Cathodes
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

The effect of A-site deficiency on the performance of La1-sFe0.4Ni0.6O3-delta cathodes
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

An EIS study of La2-aEuro parts per thousand x Sr (x) NiO4+ (delta) SOFC cathodes
Kammer Hansen, K., 2009, In : Ionics. 15, 3, p. 325-328
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

A-Site Deficient (Pr0.8Sr0.4)(1-s)Fe0.8Co0.2O3-delta Perovskites as Solid Oxide Fuel Cell Cathodes
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Characterization of MgMnxFe2-xO4 as a possible cathode material for electrochemical reduction of NOx
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Electrochemical characterization and redox behavior of Nb-doped SrTiO3
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Electrochemical reduction of NO on La2-xSrxCuO3 based electrodes
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Processing and characterization of porous electrochemical cells for flue gas purification
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

The NiFe2O4-MgFe2O4 series as electrode materials for electrochemical reduction of NOx
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Defect and electrical transport properties of Nb-doped SrTiO3
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Electrochemical cell for removing NOx and soot from diesel exhaust
Electrochemical reduction of NO and O2 on La2-xSrxCuO4-based electrodes
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Electrochemical reduction of O2 and NO on Ni, Pt and Au
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Evaluation of LSF based SOFC Cathodes using Cone-shaped Electrodes
Research output: Contribution to journal › Conference article – Annual report year: 2008 › Research › peer-review

Niobium-doped strontium titanates as SOFC anodes
Research output: Contribution to journal › Conference article – Annual report year: 2008 › Research

Strontium Titanate-based Composite Anodes for Solid Oxide Fuel Cells
Research output: Contribution to journal › Conference article – Annual report year: 2008 › Research › peer-review

Temperature dependence of the cation distribution in ZnFe2O4 measured with high temperature neutron diffraction
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

The action of nano-particles in SOFC electrodes
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2007 › Research

A-site deficient (La0.6Sr0.4)1-sFe0.8Co0.2O3-delta perovskites as SOFC cathodes
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Conductivity and electrochemical characterization of PrFe1-xNixO3 at high temperature
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Electrochemical reduction of NO_2 studied by the use of cone-shaped electrodes
Kammer Hansen, K., 2007, In : Electrochemistry Communications. 9, p. 2721-2724
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Gd0.6Sr0.4Fe0.8Co0.2O3-delta: A novel type of SOFC cathode
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review
High performance ceramic composite anodes for solid oxide fuel cells
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2007 › Research

Influence of BaO in perovskite electrodes for the electrochemical reduction of NOx
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

New methods for removal of soot and NOx
Research output: Contribution to conference › Paper – Annual report year: 2007 › Research

Niobium-doped strontium titanates as SOFC anodes
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2007 › Research

Processing of Ce1-xGdxO2-delta (GDC) thin films from precursors for application in solid oxide fuel cells
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Spinels as cathodes for the electrochemical reduction of O2 and NO
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Spinel-type electrode materials for purification of exhaust gasses from diesel fired engines
Research output: Contribution to conference › Paper – Annual report year: 2007 › Research

Synthesis of Nb-doped SrTiO3 by a modified glycine-nitrate process
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Effects of Sr/Ti-ratio in SrTiO3-based SOFC anodes investigated by the use of cone-shaped electrodes
Research output: Contribution to journal › Conference article – Annual report year: 2006 › Research › peer-review

Electrical and electro-chemical characterisation of La0.99Fe1−xNixO3−δ perovskites
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Electrochemical reduction of NOx on spinel-type materials
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2006 › Research

Novel ceramic anodes for solid oxide fuel cells investigated by cone shaped electrodes
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2006 › Research

Studies of Fe-Co based perovskite cathodes with different A-site cations
Kammer Hansen, K., 2006, In : Solid State Ionics. 177, 11-12, p. 1047-1051
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review
Synthesis of Nb-doped SrTiO₃ by a modified glycine-nitrate process
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2006 › Research

A study of Pr₀.₇Sr₀.₃Fe₁₋ₓNixon₃₋δ as a cathode material for SOFCs with intermediate operating temperature
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Ceria revisited: Electrolyte or electrode material?
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2005 › Research

Charge disproportionation in (X₀.₆Sr₀.₄)₀.₉₉Fe₀.₈Co₀.₂O₃₋δ perovskites (X = La, Pr, Sm, Gd)
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Electro-catalytic processes studied by the use of point electrodes
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2005 › Research

Electrochemical DeNOₓ in solid electrolyte cells - an overview
Kammer Hansen, K., 2005, In : Applied Catalysis B: Environmental. 58, p. 33-39
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

LSFM perovskites as cathodes for the electrochemical reduction of NO
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Oxidation of methane and hydrogen on Ce₁₋ₓGdxO₂₋δ flourrites
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Perovskites as electrodes and catalysts
Kammer Hansen, K., 2005.
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2005 › Research

Solid state electrochemistry. Proceedings
Research output: Book/Report › Book – Annual report year: 2005 › Research › peer-review

Structural characterization of A-site deficient strontium titanate by the use of cone shaped electrodes, electron microscopy, and XRD
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2005 › Research
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 O2 on Cu/CuO

Mechanochemical synthesis of Fe-S materials.

Lithium Insertion into Iron Sulfides

Projects:

Durable thin ceramic films for improvement of Proton Exchange Membrane (PEM) electrolysis
Fenini, F., Mogensen, M. B., Kammer Hansen, K., Hendriksen, P. V., Li, Q., Carmo, M. & Friedrich, K. A.
Forskningsråd'sfinansiering
15/10/2015 → 10/12/2018
**Elektrokatalytisk gasrensning**
Kammer Hansen, K., Skaarup, S., Zachau-Christiansen, B., Mogensen, M. B., Kilner, J. & Koksbang, R.
Innovationsfonden
01/12/1997 → 05/07/2001
Project: PhD

**Low Temperature NOx decomposition using an electrochemical reactor**
Shao, J., Kammer Hansen, K., Hjelm, J., Kustov, A. & Vernoux, P.
Forskningsrådsfinansiering
01/03/2010 → 19/08/2013
Project: PhD

**Selective NO Conversion Electro catalysts**
Werchmeister, R. M. L., Mogensen, M. B., Kammer Hansen, K., Rossmeisl, J., Skaarup, S., Metcalf, I. S., Prindahl, S., Christensen, H. & Grisen, G.
Forskningsrådsstipendium
01/03/2007 → 04/06/2010
Project: PhD

**Direct conversion of carbon to electricity in a hybrid solid oxide fuel cell**
Deleebeeck, L., Kammer Hansen, K., Mogensen, M. B., Hagen, A., Lagergren, C. & Grisen, G.
EU-finansieret
01/03/2012 → 03/06/2015
Project: PhD

**Oxygen Membranes for Biomass Gasification and Cement Industry**
Forskningsrådsfinansiering
01/09/2012 → 27/01/2016
Project: PhD

**Low Temperature oxidation of hydrocarbons using an electrochemical reactor**
Ippolito, D., Kammer Hansen, K., Bonanos, N., Marnellos, G. E., Christensen, H. & Grisen, G.
Forskningsrådsfinansiering
01/05/2010 → 19/08/2013
Project: PhD

**Electrochemical Removal of NOx and Hydrocarbons**
Friedberg, A. Z., Kammer Hansen, K., Jensen, S. H., Rasmussen, S. B. & Tsiplakides, D. T.
Forskningsrådsfinansiering
01/12/2009 → 17/12/2014
Project: PhD

**Experimental tape casting of multilayer for flue gas purification**
Schmidt, C. G., Kaiser, A., Kammer Hansen, K., Chatzichristodoulou, C., Görsmann, C. F., Graule, T. J. & Andersen, K. B.
Forskningsrådsfinansiering
15/05/2011 → 30/09/2015
Project: PhD

**Electrochemical Reduction of NOx**
Traulsen, M. L., Kammer Hansen, K., Holtappels, P., Rasmussen, S. B. & Grisen, G.
Forskningsrådsfinansiering
01/05/2009 → 27/06/2012
Project: PhD