Research outputs:

**Gd0.2Ce0.8O1.9/Y0.16Zr0.84O1.92 nanocomposite thin films for low temperature ionic conductivity**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Impact of cation redox chemistry on continuous hydrothermal synthesis of 2D-Ni(Co/Fe) hydroxides**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Printing of NiO-YSZ nanocomposites: from continuous synthesis to inkjet deposition**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Tuning diffusion paths in shaped ceria nanocrystals**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Continuous Hydrothermal Flow Synthesis of Gd-doped CeO₂ (GDC) Nanoparticles for Inkjet Printing of SOFC Electrolytes**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

**Zirconia nano-colloids transfer from continuous hydrothermal synthesis to inkjet printing**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

**Zirconia UV-curable colloids for additive manufacturing via hybrid inkjet printing-stereolithography**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Projects:

**Nano-Editor: Development of nano-materials based printing media for all-ceramic solid oxide fuel cells manufacturing**
Project: PhD

**Cost-effective and flexible 3D printed SOFC stacks for commercial applications**
Project: Research

Activities:

**Processing of NiO/YSZ nanocolloids: from hydrothermal synthesis to direct inkjet printing.**
Activity: Talks and presentations › Conference presentations

**CONVERSION OF METAL OXIDE SUSPENSIONS PRODUCED BY HYDROTHERMAL SYNTHESIS INTO NANO-INKS FOR INKJET PRINTING**
Activity: Talks and presentations › Conference presentations
Development of a TiO2 gel tailored for the particle-free 3D printing of titania by microextrusion
Activity: Talks and presentations › Conference presentations

Thin Inkjet Printed Tri-layer Electrolyte for Solid Oxide Cells
Activity: Talks and presentations › Conference presentations

Straightforward conversion of zirconia suspensions produced by hydrothermal synthesis into inks for inkjet printing
Activity: Talks and presentations › Conference presentations

Prizes:

1st prize oral presentation award
Prize: Prizes, scholarships, distinctions

Best oral presentation award
Prize: Prizes, scholarships, distinctions