Complementary analyses of aging in a commercial LiFePO4/graphite 26650 cell
Research output: Research - peer-review › Journal article – Annual report year: 2018

Analysis of the Interphase on Carbon Black Formed in High Voltage Batteries
Research output: Research - peer-review › Journal article – Annual report year: 2015

Analysis of the Interphase on Carbon Black Formed in High Voltage Batteries
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Capillary based Li-air batteries for in situ synchrotron X-ray powder diffraction studies
Research output: Research - peer-review › Journal article – Annual report year: 2015

Charge Localization in the Lithium Iron Phosphate Li3Fe2(PO4)3 at High Voltages in Lithium-Ion Batteries
Research output: Research - peer-review › Journal article – Annual report year: 2015

Depth profiling the solid electrolyte interphase on lithium titanate (Li4Ti5O12) using synchrotron-based photoelectron spectroscopy
Research output: Research - peer-review › Journal article – Annual report year: 2015

Instability of Ionic Liquid-Based Electrolytes in Li−O2 Batteries
Research output: Research - peer-review › Journal article – Annual report year: 2015

Lithium salts for advanced lithium batteries: Li-metal, Li−O2, and Li−S
Research output: Research - peer-review › Journal article – Annual report year: 2015

Instability of Ionic Liquid-Based Electrolytes in Li−O2 Batteries
Research output: Research - peer-review › Journal article – Annual report year: 2015

Plasma properties during magnetron sputtering of lithium phosphorous oxynitride thin films
Research output: Research - peer-review › Journal article – Annual report year: 2015

Reduced graphene oxide for Li−air batteries: the effect of oxidation time and reduction conditions for graphene oxide
Research output: Research - peer-review › Journal article – Annual report year: 2015

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Research output: Research - peer-review › Journal article – Annual report year: 2014

Communication: The influence of CO₂ poisoning on overvoltages and discharge capacity in non-aqueous Li-Air batteries  
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Research output: Research - peer-review › Journal article – Annual report year: 2014

In Situ Synchrotron XRD on a Capillary Li-O₂ Battery Cell  
Research output: Research - peer-review › Poster – Annual report year: 2014

Investigating Surface and Interface Phenomena in LiFeBO₃ Electrodes Using Photoelectron Spectroscopy Depth Profiling  
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2014

Ionic conductivity and the formation of cubic CaH₂ in the LiBH₄-Ca(BH₄)₂ composite  
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Ahmadi, M., Younesi, R., Vegge, T. & Guinel, M. J-F. 2014 In: Materials Research Express. 1, 2, 12 p., 025501  
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Synthesis of tungsten oxide nanoparticles using a hydrothermal method at ambient pressure  
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WO₃ nano-ribbons: their phase transformation from tungstite (WO₃·H₂O) to tungsten oxide (WO₃)  
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Chemical stability of DMSO and ACN solvents in contact with Li₂O₂  
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Combined DFT and Dems Study On the Role of CO₂ Poisoning On the Electronic Conduction and Overpotentials in Li-Air Batteries  
Reduced Graphene Oxide for Li-Air Batteries: The Effect of Oxidation Time and Reduction Conditions for Graphene Oxide

The Influence of CO2 Poisoning on Overvoltages and Discharge Capacity in Non-aqueous Li-Air Batteries

The Lithium-Air Battery: How Difficult Is to Make It Rechargeable?
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X-Ray Acceleration On Electrochemical Reaction