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- Solubility  
Molten carbonate fuel cell; Cathode; Nickel oxide; Coating; EIS (Huang, B. (137) 163)
- Spinel LiMn<sub>2</sub>O<sub>4</sub>  
Chromium substitution; Adipic acid; Sol-gel synthesis; Intercalation reaction; Electrochemical properties; Lithium ion battery (Thirunakaran, R. (137) 100)
- State of charge  
Thermal stability; Safety; Lithium-ion battery; Cathode and anode materials; Accelerating rate calorimetry (Maleki, H. (137) 117)
- State-of-charge  
Galvanostatic non-destructive technique; Valve-regulated lead-acid battery; State-of-health; On-line monitoring (Hariprakash, B. (137) 128)
- State-of-health  
Galvanostatic non-destructive technique; Valve-regulated lead-acid battery; State-of-charge; On-line monitoring (Hariprakash, B. (137) 128)
- Steam reforming reaction  
Solid oxide fuel cell; Polymer electrolyte fuel cell; Combined system; Methane (Yokoo, M. (137) 206)
- Supercapacitor  
Activated carbon fabric-polyaniline composite; Cyclic voltammetry; Pseudocapacitance (Hu, C.-C. (137) 152)
- Supramolecular 1,5-diaminoanthraquinone (DAAQ) oligomer  
Redox supercapacitor; Polymer electrolytes; Gel electrolytes; Impedance spectroscopy; Cyclic voltammetry (Hashmi, S.A. (137) 145)
- Surface modification  
LiCo<sub>2</sub> thin film electrode; Pulsed laser deposition; Lithium ion transfer; Li-ion batteries (Iriyama, Y. (137) 111)
- Thermal battery  
Water uptake; Molten salts; MgO; Magnesia (Masset, P. (137) 140)
- Thermal decomposition  
Methanol oxidation; Fuel cell; Pt electrocatalysts; Sn electrocatalysts; Ru electrocatalysts (Yang, L.X. (137) 257)
- Thermal stability  
Safety; Lithium-ion battery; Cathode and anode materials; Accelerating rate calorimetry; State of charge (Maleki, H. (137) 117)

Transient behavior

PEM fuel cells; Electric vehicle; Dynamic behavior; Reservoir effect; Dilution effect (Kim, S. (137) 43)

Unsteady-state

Molten carbonate fuel cell; Initial behaviour; Gas flow rate; Hydrogen utilization (Lee, Y.-R. (137) 9)

Valve-regulated lead-acid battery

Galvanostatic non-destructive technique; State-of-charge; State-of-health; On-line monitoring (Hariprakash, B. (137) 128)

Water uptake

Thermal battery; Molten salts; MgO; Magnesia (Masset, P. (137) 140)