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Sommario/riassunto

This proceedings focuses on both the scientific and technological aspects of fuel cells and high energy density batteries including solid oxide; proton exchange membrane; and direct methanol fuel cells; lithium-ion batteries; oxide-ion electrolytes; proton conductors; mixed ionic-electronic conductors; electrocatalysts; new materials development; and other related solid state and electrochemical aspects including supercapacitors and oxygen separation membranes.