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A Gutmann

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Encyclopedia of Electrochemical Power Sources Jürgen Garche,Chris K. Dyer,Patrick T. Moseley,Zempachi Ogumi,David A. J. Rand,Bruno Scrosati,2013-05-20 The Encyclopedia of Electrochemical Power Sources is a truly interdisciplinary reference for those working with batteries fuel cells electrolyzers supercapacitors and photo electrochemical cells With a focus on the environmental and economic impact of electrochemical power sources this five volume work consolidates coverage of the field and serves as an entry point to the literature for professionals and students alike Covers the main types of power sources including their operating principles systems materials and applications Serves as a primary source of information for electrochemists materials scientists energy technologists and engineers Incorporates nearly 350 articles with timely coverage of such topics as environmental and sustainability considerations

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Advanced Materials VIII Freddy Yin Chiang Boey,K A Khor,Tirumalai S Srivatsan,M Wang,W Zhou,2001-01-19 This volume contains the technical papers presented at the international symposium entitled Processing and Fabrication of Advanced Materials VIII held in Singapore in 1999 This was the eighth in a series of symposia bringing together engineers and researchers from industry academia and national laboratories working on aspects related to the processing fabrication and characterization of advanced materials to present and discuss their latest findings The proceedings also contain technical papers presented at two special symposia on biomaterials and magnesium technology

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