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Altri autori (Persone)	DaiShujuan
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Nota di contenuto	Powder Technology and Application V; Introduction and Organization of the Forum; Table of Contents; Chapter 1: Mineral Processing; Adsorption of Sodium Cyanide on Pyrite Particle Surface; An Investigation for Recovering Zinc and Iron from Gossan; Application of a Novel Collector DXS in Cassiterite Flotation; Coal-Based Reduction on Flotation Middling from Iron Ore Containing Carbonate at Donganshan; Development of a New Type of Column Magnetic Separator; Experimental Research on the Lean Magnetite of RongTian Mine Corporation by Single Magnetic Process Experimental Studies on a Mineral Containing Titanium in Baoding Area Experimental Study of Flotation on High Intensity Magnetic Concentrates of Ilmenite; Experimental Study on Improving Grade of Talc Ore by Floation; Experimental Study on Purification of Magnesite Ore in Liaoning Province; Experimental Research on a Cyanidation of Gold Ore Containing Arsenic; Flotation Tests of Zinc Oxide Ore with Iron; Flotation Behavior of Jinchuan High Grade Copper-Nickel Sulphide with the Action of Different Regulators; Influence of Br Modification on Collecting Property of Dodecanoic Acid

Kaolin's Dispersion Degree Change with Aids in Vibrating Mill  
 Mechanical Grinding Improved Quality of Potassium-Feldspar Rocks;  
 Optimization of Grinding System for Woody Powder Production;  
 Preparation of Iron Oxide Red from Red Mud; Research on Separating  
 Low-Grade K-Feldspar from Quartz without Hydrofluoric Acid;  
 Research on the Middlings from Dong Anshan Iron Ore by Roasting-  
 Magnetic Dressing; Study on Flotation Mechanism of Separation of  
 Potassium Feldspar from Quartz with Anion and Cation Mixed Collector;  
 Study on Grinding Effect of the Different Grinding Aids  
 Study on Leaching Zinc Calcine with High Iron Sulfuric Acid Leaching on  
 Low Grade Oxide Ore; Suspended Magnetic Roasting Study of Fine  
 Grained Iron Ore; The Anionic Reverse Flotation Orthogonal Experiment  
 for XuanLong Oolitic Hematite after Magnetic Roasting-Magnetic  
 Separation; The Effect of Grinding Time on Difficult-to-Float Coal; The  
 Magnetic Separation Study on Flotation Concentrate Powder of  
 Magnesite Ore; The Status of Fine Grained Minerals Flotation and  
 Facility; The Study on Properties Change of Bauxite Crushed by High  
 Pressure Grinding Roller  
 The Effect of Bauxite Moisture on High Pressure Grinding Roller  
 Crushing The Effect of High Pressure Grinding Roller Working Pressure  
 on Bauxite Crushing Effect; Chapter 2: Mineral Materials; Adsorption of  
 Alizarin Red from Aqueous Solution by Modified Furfural Residue;  
 Development of Lignite Wax Production Technology; Development and  
 Prospect for Domestic and Overseas White Carbon Black; Effects of  
 Microcrystalline Grinding on Physical Characteristics and Element  
 Release in K-Feldspar Rocks; Effects of Photocatalytic Activity of Iron  
 Doped on TiO<sub>2</sub> Films Using Microarc Oxidation  
 Experimental Study on the Ultrafine Powder Admixture of Fly Ash and  
 Silica Fume

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**Sommario/riassunto**

Organized and Hosted by China Powder Technology Association, the  
 2013 International Forum on Powder Technology & Application was  
 held in Shenyang, China from 27-29 October, 2013. The papers  
 presented at the forum are collected in these proceedings. The topics  
 range from the purification, pulverization, modification of mineral  
 powders to the synthesis, and application of mineral materials, mineral  
 processing and environmental protection. The 55 papers are presented  
 in sections on mineral processing, mineral materials, and  
 environmental protection. The topics include developing a new type of  
 column

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