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Altri autori (Persone)	GhoshAsish <1933-> WoodRussell (Russell K.)
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Heating Element; Fuzzy Logic in Color Quality Control; Decorating Techniques for Single-Fire, Fast-Fire Tile Production; Processing Dynamics of Plaster; Fast Firing Technology in Ceramic Decoration; Triaxial New Editions; Ceramic Raw Materials and Minerals-same Environmental Considerations; Tableware and Sanitaryware Plants Follow Developments in the Tile Industry
Melting Processes and Glazing Technologies: Surface Properties of Glazed Ceramic Tile Color Trends 1994-95; Refractory Ceramics; Attrition Mill Grinding of Refractories; Recycling/Disposal Issues of Refractories; Problems and Concerns of a Refractory Contractor; What MSDS Should Present About NORM Radioactivity: Technical and Regulatory Issues; New Technologies in Refractory Forming and Their Effects on Product Performance; A New Grinding Machine; Raw Material Blending and Batching in the Production of Calcium Aluminate Cements Comparison of Various High-Alumina Aggregates in 90 % Ultra-Low-Cement Castable and Blast Furnace Trough and Runner Castable Why Graphite?; Measurement of Naturally Occurring Radioactivity in Refractories: Analytical Methods for the Workplace; Recycling Spent Refractory Materials at the U.S. Bureau of Mines; Controlled-Temperature Dryouts of Refractory Linings; Product Stewardship for Refractory Ceramic Fiber; Refractory Ceramic Fibers Update; Recycling at Corhart-A 30-Year Success Story; Basic Science; Agility, The Future for Ceramic Manufacturing
Continuous Atmospheric Pressure CVD Coating of Fibers An Investigation of Anelastic Creep Recovery in SiC Whisker- and Particulate-Reinforced Alumina; Reaction Bonded Al₂O₃ (RBAO) and Related Technology; Rotary Ultrasonic Machining of Structural Ceramics-A Review; Charles Fergus Binns: Missionary to the American Ceramic Industry; New York State: Birthplace and Cradle of High-Technology Ceramics and Glasses; Effect of Microstructure on Abrasive Machining of Advanced Ceramics

Sommario/riassunto

This volume is part of the Ceramic Engineering and Science Proceeding (CESP) series. This series contains a collection of papers dealing with issues in both traditional ceramics (i.e., glass, whitewares, refractories, and porcelain enamel) and advanced ceramics. Topics covered in the area of advanced ceramic include bioceramics, nanomaterials, composites, solid oxide fuel cells, mechanical properties and structural design, advanced ceramic coatings, ceramic armor, porous ceramics, and more.

2. Record Nr.	UNINA9910768475403321
Autore	Bradac Ondrej
Titolo	Normal Pressure Hydrocephalus : Pathophysiology, Diagnosis, Treatment and Outcome // edited by Ondrej Bradac
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Why a book about iNPH -- Acknowledgement -- History -- Hakim's discovery of NPH -- Fundamental discoveries in the last decades -- Epidemiology -- Pathophysiology -- Clinical symptoms and examination -- Major symptoms -- Minor symptoms -- Gait characteristics of NPH -- Differential diagnostics of gait impairment -- Psychological profile of NPH patients -- Differential diagnostics against other types of dementias -- Urinary disorder associated with NPH -- Differential diagnostics of urinary disorder -- Neurodegenerative comorbidities and iNPH mimics -- Invasive diagnostic test -- External lumbar drainage -- CSF tap test -- Lumbar infusion test -- Other invasive tests -- Laboratory findings of NPH -- Imaging -- Basic CT and MRI indices -- DESH, callosal angle and cingulate sulcus sign -- Novel MRI indices and imaging models -- Volumetr -- DT -- Phase-contrast MRI -- Novel MRI techniques (elastography, glymphatic pathway imaging) and their implications -- Imaging differential diagnosis -- Potential of machine learning in NPH diagnostics -- Shuntology - treatment of NPH -- Ventriculoperitoneal shunt -- Surgical technique -- Valve types -- Valve setting -- Other types of shunt -- Ventriculoatrial shunt -- Lumboperitoneal shunt -- Role of endoscopy in NPH treatment -- Future directions of valve technology -- Complications -- Surgical complications -- Infection --

Underdrainage and Overdrainage -- Follow-up -- Clinical follow-up -- Imaging follow-up -- Invasive tests in follow-up -- Prognosis and outcomes -- When to revise the shunt? -- Future perspectives -- Summary. .

Sommario/riassunto

This book provides a detailed practically focused guide on the latest diagnostic and treatment techniques available for normal pressure hydrocephalus (NPH). Chapters in this work cover the latest developments related to this condition. It introduces how to use a range of diagnostic modalities including magnetic resonance scanning along with how artificial intelligence and machine learning methodologies can be applied. Cases are presented to reinforce how the methods covered can be appropriately applied and guiding principles are also given to assist the reader in developing a thorough understanding of the topic. Potential complications and means of mitigating these are also described. Normal Pressure Hydrocephalus is a detailed practically applicable resource on NPH with insightful contributions covering relevant aspects of pathophysiology, diagnostic modalities and treatment strategies, making it an ideal resource for all medical practitioners who encounter these patients. .
