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Nota di contenuto	Fractography of Glasses and Ceramics VI; Contents; Preface; Dedication; In Memoriam; A History of the Fractography of Glasses and Ceramics; The Effect of Defects and Materials Texture on the Fracture of Low-Pressure Injection Moulded Alumina Components; Single Edge V-Notch Fractography of Engineering Ceramics; Roughness of Silica Glass Sub-Critical Fracture Surfaces; Fractography in the Development of Ion-Exchanged Cover Glass; Crack Branching in Glass Interface Driven by Dynamic Loading A Strain Energy Release Rate Criterion for Formation of the Mirror/Mist

Boundary, Depiction on the (G,R) vs. C Universal Energy
Diagram Scratch Damage in Ion-Exchanged Alkali Aluminosilicate Glass:
Crack Evolution and the Dependence of Lateral Cracking Threshold on
Contact Geometry; Fractography Lessons from Knapping; Failure and
Damage Mechanisms in Ceramic Nanocomposites; Failure Analysis of
Ceramic Laminates Using Quantitative Fractography and Fractal
Geometry; Fractographic Analysis of Broken Ceramic Dental
Restorations; Fractography of Ceramic Dental Implants
Modes of Failure of Bonding Interfaces in Dentistry Qualitative and
Quantitative Fractographic Analysis of All-Ceramic Fixed Partial
Dentures; Intrinsic Strength, Damage and Failure; The Notched Ball
Test-Characterisation of Surface Defects and their Influence on
Strength; Analytical Model for Improved Residual Surface Stress
Approximation; Thermal Shock Behavior of Si₃N₄-Specimens-Influence
of Annealing and Edges; A Fracture Analysis of Gadolinium-Doped
Ce₃₊ Ceramics to Improve Strength and Reliability
Triple Blind Fractography Study of Yttria-Stabilized Zirconia Thin-Film-
Modified Porcelain Residual Failure Due to Incomplete Sintering of
Vitreous China Plumbing Fixtures; Laminate Design Effects on the
Fracture Patterns of Impact Resistance Glass Panels; Application of
Fractography in Pharmaceutical Industry; Using Replicas in
Fractography of Glasses and Ceramics-Advantages and Pitfalls; Author
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Sommario/riassunto

Provides an excellent one-stop resource for understanding the most
important current issues in the research and applications of
fractography of glasses and ceramics.
