

1. Record Nr.	UNINA9910146108903321
Titolo	Corrosion, wear, fatigue, and reliability of ceramics [[electronic resource]] : a collection of papers presented at the 32nd International Conference on Advanced Ceramics and Composites, January 27-February 1, 2008, Daytona Beach, Florida // editors, Jonathan Salem, Edwin R. Fuller ; volume editors, Tatsuki Ohji, Andrew Wereszczak
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, 2009
ISBN	1-282-02225-3 9786612022258 0-470-45634-5 0-470-45633-7
Descrizione fisica	1 online resource (216 p.)
Collana	Ceramic engineering and science proceedings ; ; v. 29, issue 3
Altri autori (Persone)	SalemJ. A <1960-> (Jonathan A.) FullerEdwin R OhjiT (Tatsuki) WereszczakAndrew
Disciplina	620.14
Soggetti	Ceramic materials - Corrosion Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Corrosion, Wear, Fatigue, and Reliability of Ceramics; Contents; Preface; Introduction; CORROSION; Corrosion Resistance of Ceramics in Vaporous and Boiling Sulfuric Acid; Thermocouple Interactions during Testing of Melt Infiltrated Ceramic Matrix Composites; Oxidation Resistance of Pressureless-Sintered Sic-AlN-Re2O3 Composites Obtained without Powder Bed; Characterization of the Re-oxidation Behavior of Anode-Supported SOFCs; Healing Behavior of Machining Cracks in Oxide-Based Composite Containing Sic Particles Effects of Oxidation on the Mechanical Properties of Pressureless-Sintered SiC-AlN-Y2O3 Composites Obtained without Powder BedFiber Push Out Testing Before and After Exposure: Results for an MI SiC/SiC Composite; New Ceramics Surface Reinforcing Treatment using a Combination of Crack-Healing and Electron Beam Irradiation; Effect of

Si<sub>3</sub>N<sub>4</sub> on the instability of Li<sub>2</sub>O-Containing Celsian in the BAS/Si<sub>3</sub>N<sub>4</sub> Composites; FATIGUE, WEAR, AND CREEP; Rolling Contact Fatigue Properties and Fracture Resistance for Silicon Nitride Ceramics with Various Microstructures; Fretting Fatigue of Engineering Ceramics Investigation into Cyclic Frequency Effects on Fatigue Behavior of an Oxide/Oxide CompositeFriction and Wear Behavior of AlBC Composites; Creep of Silicon Nitride Observed In Situ with Neutron Diffraction; Hydrothermal Oxidation of Silicon Carbide and Its Bearing on Wet Wear Mechanisms; RELIABILITY, NDE, AND FRACTOGRAPHY; Probabilistic Design Optimization and Reliability Assessment of High Temperature Thermoelectric Devices; Development of a New Computational Method for Solving Inhomogeneous and Ultra Large Scale Model Optical Methods for Nondestructive Evaluation of Subsurface Flaws in Silicon Nitride CeramicsFractographic Analysis of Miniature Theta Specimens; Author Index

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#### Sommario/riassunto

This volume provides a one-stop resource, compiling current research on the behavior and reliability of ceramic macro and micro scale systems. It is a collection of papers from The American Ceramic Society's 32nd International Conference on Advanced Ceramics and Composites, January 27-February 1, 2008. Topics include Design and Testing Challenges for Ceramic Joints; Structural Design, Testing and Life Prediction of Monolithic and Composite Components; Mechanical Behavior, Design, and Reliability of Small Scale Systems; Environmental Effects on Mechanical Properties; and more. This is a valuable

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2. Record Nr.	UNISALENT0991001898049707536
Autore	Camera di commercio industria artigianato e agricoltura <Treviso>
Titolo	Disegno industriale e protezione europea : convegno internazionale, Treviso, 12-13 ottobre 1988 / Camera di commercio, industria, artigianato, agricoltura, Treviso
Pubbl/distr/stampa	Milano : A. Giuffrè, 1989
ISBN	8814021872
Descrizione fisica	xi, 366 p. ; 25 cm.
Classificazione	CM-XI/B
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	In testa al front.: Camera di commercio, industria, artigianato, agricoltura, Treviso
3. Record Nr.	UNINA9910616365203321
Titolo	The Resident's Guide to Shoulder and Elbow Surgery / / edited by Caroline M. Chebli, Anand M. Murthi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-031-12255-0
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (364 pages)
Collana	Medicine Series
Disciplina	617.574
	617.572
Soggetti	Orthopedics Sports medicine Orthopaedics Sports Medicine Espatlla Colze Cirurgia Llibres electrònics

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Glenohumeral Osteoarthritis -- Rotator Cuff Tear Arthropathy -- Inflammatory Arthritis -- Rotator Cuff Tear -- Anterior Shoulder Instability -- Posterior Instability -- Multidirectional Instability -- SLAP tears and biceps tendinopathy -- Adhesive Capsulitis -- Impingement and Acromioclavicular Joint Arthritis -- Proximal Humerus Fractures -- Clavicle Fractures (Medial, midshaft, lateral) -- Acromioclavicular Joint Injuries -- Sternoclavicular Joint Dislocation and Instability -- Scapula Fractures -- Distal Biceps Rupture -- Triceps Rupture -- Medial and Lateral Epicondylitis -- Elbow Dislocation -- Lateral Ulnar Collateral Ligament Injury -- Medial collateral ligament tears -- Arthritis of the Elbow -- Distal Humerus Fractures -- Monteggia Fractures -- Radial Head Fractures -- Terrible Triad of the Elbow -- Pediatric Supracondylar Humerus Fracture.
Sommario/riassunto	Utilizing a practical, high-yield presentation, this textbook is a comprehensive review of the most common shoulder and elbow diagnoses and management strategies. It allows easy access to pertinent information for residents and fellows while preparing for rounds, the clinic and the operating room and also aides residents studying for their yearly in-training exam (OITE). Each topic is organized in a consistent, bulleted format so that the information flows in a logic manner: history, physical examination, imaging (when and what to order), and the most appropriate treatment algorithm. The most common classification systems are emphasized and illustrated, and treatment algorithms are further organized into non-operative and operative and include surgical approaches as well as the risks and complications of surgical intervention. The shoulder and elbow are covered in their own exclusive sections, with each chapter discussing the unique diagnostic considerations for each anatomic structure and the types of injuries to expect. Topics in the shoulder section include osteoarthritis, rotator cuff arthropathy and tears, instability, stiffness, SLAP tears and biceps tendinitis, and fractures of the clavicle and scapula. Topics in the elbow section include biceps and triceps rupture, lateral and medial epicondylitis, instability and stiffness, and elbow fractures - distal humerus, Monteggia, the terrible triad and more. Case material, key points and takeaways, and question-and-answer elements are included to enhance the text's overall utility. There is currently no textbook on the shoulder and elbow tailored specifically for orthopedic residents, fellows and senior medical students. The Resident's Guide to Shoulder and Elbow Surgery therefore provides a much-needed resource for early-career clinicians and surgeons.