1. Record Nr. UNINA9910971376503321

Titolo	Economic aspects of health / / edited by Victor R. Fuchs
Pubbl/distr/stampa	Chicago, : University of Chicago Press, c1982
ISBN	9786611430979 9781281430977 1281430978 9780226267944 0226267946
Edizione	[1st ed.]
Descrizione fisica	1 online resource (346 pages)
Collana	A Conference report / National Bureau of Economic Research
Altri autori (Persone)	FuchsVictor R
Disciplina	362.1/042
Soggetti	Medical economics Health status indicators
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Papers ... presented at the Second NBER Conference on Health Economics held at Stanford, California on 30-31 July 1980"--Introd.
Nota di bibliografia	Includes bibliographies and indexes.
Nota di contenuto	pt. 1. Determinants of health -- pt. 2. Consequences of ill health -- pt. 3. Health and public policy.
Sommario/riassunto	Unlike earlier work in medical economics, which has focused on medical care, these ten papers stress the production and consequences of health itself. They reveal a serious concern with real-world health problems in their investigation of such subjects as infant mortality, life expectancy, morbidity, and disability. These papers are unusual, as well, in bringing to bear on these problems new and powerful theoretical and statistical tools. They draw on, and in some cases are, original sources for new bodies of data. As such, Economic Aspects of Health comprises a useful blend of relevance and rigor.

2. Record Nr. UNINA9910964892903321

Titolo	Diamond-like carbon films / / Yuto S. Tanaka, editor
Pubbl/distr/stampa	Hauppauge, N.Y., : Nova Science Publishers, c2012
ISBN	1-61324-909-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (219 p.)
Collana	Materials science and technologies
Altri autori (Persone)	TanakaYuto S
Disciplina	667/.9
Soggetti	Diamonds, Artificial Diamond thin films
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	Intro -- DIAMOND-LIKE CARBON FILMS -- DIAMOND-LIKE CARBON FILMS -- Contents -- Preface -- Advanced Pulsed Arc Technique of Fabrication of DLC Films and Their Technical and Medical Applications -- 1. Design and Operating Principles of the Pulsed Plasma Source -- The Main Result of the DLC Film Deposition by Pulsed Arc Technique -- 2. Plasma Separation -- 3. Spectroscopic and Probe Diagnostics of Carbon Plasma -- 4. A Novel Combined PVD-CVD Method of DLC Film Depositing -- References -- Peculiarities of Ion-Beam Synthesis of Carbon-Based Phases -- Abstract -- 1. Introduction -- 2. The Principle of Structural Compliance at Phase Transformation under Ion Irradiation -- 3. Experimental Evidences of the Principle of Structural Compliance at Ion Synthesis of Carbon-Rich or other Bulk Phases -- 3.1. Carbon Phase with the Face-Centered Cubic Structure Formed under Irradiation of Graphite Films -- 3.2. Ion Synthesis of Silicon Carbide by Carbon Implantation in Si -- 3.3. Ion Synthesis of Al4C3, AlN and AlB Phases -- 4. Carbon and Carbon-Rich Nanophases -- Conclusion -- Acknowledgments -- References -- Electron Field Emission Properties of Nonmetal and Metal Doped Diamond Like Carbon -- 1. Abstruct -- 2. Introduction -- 2.1. Diamond Like Carbon (DLC) as a Material -- 2.2. Structure of DLC -- 2.3. Why also there is Interest in DLC -- 2.4. Difficulties of Pure DLC Material and how to over Come the Problems -- 3. Basic Theory of Electron Field Emission -- 4. Field Emission of DLC Thin Films -- 5. Synthesis and Field Emission of Metal and Nonmetal Doped DLC Thin Films -- 5.1. Synthesis and Electron Field Emission

Property of Silicon Incorporated DLC (Si-DLC) Thin Films -- 5.2. Synthesis and Field Emission Property of Ag-DLC Thin Films -- 5.3. Synthesis and Study the Field Emission of Fluorine Doped (F-DLC) Thin Films -- Conclusion -- References.
Internal Stress of Hydrogenated Diamond-Like Carbon Films -- Abstract -- 1. Internal Stress of Diamond-Like Carbon (DLC) Thin Film -- 1.1. Origin of the Internal Stress -- 1.2. Reduction in the Internal Stress -- 2. Internal Stress of DLC Thin Films Deposited by EBEP-CVD -- 2.1. EBEP-CVD System -- 2.2. Correlation between Deposition Parameters and Film Properties [32] -- 2.3. Correlations between Internal Stresses and Structural Properties [32] -- 2.4. Internal Stress Reduction by Silicon Incorporation [44] -- References -- Diamond-Like Carbon Films Improve their Properties with the Incorporation of Crystalline Diamond Particles -- Abstract -- Introduction -- Tribocorrosion -- Diamond-Like Carbon (DLC) -- Nanoparticle-Incorporated DLC Films -- The Synthesis Procedure of Crystalline Diamond-Incorporated DLC Films -- CD-DLC Film Characterization -- Electrochemical Tests -- Tribocorrosion -- Conclusion -- Acknowledgments -- References -- DLC Thin Films Growth in Thermionic Vacuum Arc Technologies: TVA and GTVA -- Abstract -- Introduction -- Experimental details -- Electrodes Configuration -- Results and Discussion -- Conclusions -- Acknowledgments -- References -- Hard Cr-Containing Diamond-Like Carbon Films in Mid-Frequency Dual-Magnetron Sputtering -- Abstract -- Section 1: Hard and Superhard Cr-Containing -- Diamond-Like Carbon Films -- 1. Introduction -- 2. Experimental Details -- 3. Results -- 4. Conclusion -- Section 2: Cr-Doped DLC Films in Three Mid-Frequency Magnetron Power Modes -- 1. Introduction -- 2. Experimental Details -- 3. Results -- 4. Conclusion -- Section 3: Preparation and Properties of -- Thick DLC Film -- 1. Introduction -- 2. Experimental Details -- 3. Results -- 4. Conclusion -- Section 4: Influence of Cr Content and Nanograin Size on Microstructure, Mechanical and Sliding Tribological Behavior of Hard Cr-DLC Films.
1. Introduction -- 2. Experimental Details -- 3. Results -- 4. Conclusion -- References -- A Diamond-Like Carbon Film Applied as an Alignment Layer for LCDs -- Abstract -- 1. Introduction -- 2. DLC Films Using Ion Beam or UV Light Non-Contact Alignment Process -- 2.1. Experiment -- 2.2. Results and Discussion -- 2.2.1. PECVD and Sputtered DLC Films -- 2.2.2. UV Photo-Alignment -- 2.2.3. Ion beam alignment -- 3. Novel DLC Films without Any Alignment Process -- 3.1. Experiments -- 3.2. Results and Discussion -- 3.2.1.Optical Characteristics -- 3.2.2. Electro-Optical Characteristics -- 3.2.3. DLC Film Conditions -- 3.2.4. LC Adsorbability to the DLC Film -- 4. Summary -- Acknowledgment -- References -- Index.

Sommario/riassunto

This book presents current research from across the globe in the study of diamond-like carbon films. Topics discussed include the peculiarities of ion-beam synthesis of carbon-based phases; electron field emission properties of non-metal and metal doped diamond like carbon; internal stress and its reduction of hydrogenated diamond-like carbon thin films deposited by plasma CVD methods; incorporating crystalline diamond particles in diamond-like carbon films to improve their properties and diamond-like carbon films applied as an alignment layer for LCDs.