

1. Record Nr.	UNINA9911019967003321
Autore	Kawai Yoshinobu
Titolo	Industrial Plasma Technology: Applications from Environmental to Energy Technologies
Pubbl/distr/stampa	[Place of publication not identified], : Wiley VCH Imprint, 2010
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Soggetti	Engineering & Applied Sciences Applied Physics
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Nota di contenuto	Introduction to Plasmas -- Environmental Application of Nonthermal Plasma -- Atmospheric Plasma Air Pollution Control, Solid Waste, and Water Treatment Technologies: Fundamental and Overview -- Optical Diagnostics for High-Pressure Nonthermal Plasma Analysis -- Laser Investigations of Flow Patterns in Electrostatic Precipitators and Nonthermal Plasma Reactors -- Water Plasmas for Environmental Application -- Chemistry of Organic Pollutants in Atmospheric Plasmas -- Generation and Application of Wide Area Plasma -- Nonthermal Plasma-Based System for Exhaust Treatment Under Reduced Atmosphere of Pyrolysis Gases -- Pharmaceutical and Biomedical Engineering By Plasma Techniques -- Targeting Dendritic Cells With Carbon Magnetic Nanoparticles Made By Dense-Medium Plasma Technology -- Applications of Pulsed Power and Plasmas To Biosystems and Living Organisms -- Applications of Plasma Polymerization in Biomaterials -- Plasma Sterilization At Normal Atmospheric Pressure -- Elimination of Pathogenic Biological Residuals By Means of Low-Pressure Inductively Coupled Plasma Discharge -- Sterilization and Protein Treatment Using Oxygen Radicals Produced By Rf Discharge -- Hydrophilicity and Bioactivity of A Polyethylene Terephthalate Surface Modified By Plasma-Initiated Graft Polymerization -- Strategies and Issues on the Plasma Processing of Thin-Film Silicon Solar Cells -- Characteristics of Vhf Plasma With Large Area -- Deposition of A-Si : H Films With High Stability Against Light Exposure By Reducing

Deposition of Nanoparticles Formed in SiH<sub>4</sub> Discharges -- Diagnostics and Modeling of SiH<sub>4</sub> /H<sub>2</sub> Plasmas for the Deposition of Microcrystalline Silicon: the Case of Dual-Frequency Sources -- Introduction To Diamond-Like Carbons -- Diamond-Like Carbon for Applications -- Applications of DLCs To Bioprocessing -- Plasma Processing of Nanocrystalline Semiconductive Cubic Boron Nitride Thin Films -- Fundamentals on Tribology of Plasma-Deposited Diamond-Like Carbon Films -- Diamond-Like Carbon Thin Films Grown in Pulsed-Dc Plasmas -- Plasma Deposition of N-TiO<sub>2</sub> Thin Films -- Investigation of DLC and Multilayer Coatings Hydrophobic Character for Biomedical Applications -- Creation of Novel Electromagnetic and Reactive Media From Microplasmas -- Nanoblock Assembly Using Pulse Rf Discharges With Amplitude Modulation -- Thomson Scattering Diagnostics of Discharge Plasmas -- Crystallized Nanodust Particles Growth in Low-Pressure Cold Plasmas -- Collection and Removal of Fine Particles in Plasma Chambers.

2. Record Nr.	UNICAMPANIAVAN00029580
Autore	Jorgenson, Jay
Titolo	Basic analysis of regularized series and products / Jay Jorgenson, Serge Lang
Pubbl/distr/stampa	Berlin [etc.], : Springer-Verlag, 1993
Titolo uniforme	Basic analysis of regularized series and products
ISBN	35-405-7488-3 978-35-405-7488-0
Descrizione fisica	122 p. ; 24 cm
Altri autori (Persone)	Lang, Serge
Soggetti	11-XX - Number theory [MSC 2020] 11M06 - $\zeta(s)$ and $L(s, \chi)$ [MSC 2020] 11M35 - Hurwitz and Lerch zeta functions [MSC 2020] 11M41 - Other Dirichlet series and zeta functions [MSC 2020] 11Mxx - Zeta and L-functions: analitic theory [MSC 2020] 30-XX - Functions of a complex variable [MSC 2020] 30B50 - Dirichlet series, exponential series and other series in one complex variable [MSC 2020] 30D15 - Special classes of entire functions Entire and meromorphic functions and growth estimates [MSC 2020] 35Pxx - Spectral theory and eigenvalue problems for partial differential equations [MSC 2020] 35Sxx - Pseudodifferential operators and other generalizations of partial differential operators [MSC 2020] 39Bxx - Functional equations and inequalities [MSC 2020] 42Axx - Harmonic analysis in one variable [MSC 2020]

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