

1. Record Nr.	UNINA9910785291403321
Titolo	Plasma physics research advances [[electronic resource] /] / Sergei P. Gromov, editor
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2009
ISBN	1-61728-562-5
Descrizione fisica	1 online resource (416 p.)
Altri autori (Persone)	GromovSergei P
Disciplina	530.4/4
Soggetti	Plasma (ionized gases) - Research
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	Statistical analysis of the electrical breakdown time delay distributions in gas tubes at low pressures / Cedomir A. Maluckov, Jugoslav P. Karamarkovic, Miodrag K. Radovic -- Linear coupling of electron cyclotron waves in magnetized plasmas: beyond the range of one-dimensional theory / Alexander Shalashov -- Discharges in gas flow / Philip Rutberg -- Generation mechanisms and physical properties of electrical discharges in and above water / P. Bruggeman C. Leys -- Recent advances in the theory and application of kinetic Alfvén waves / L. Yang D. J. Wu -- Effect of external fields on properties of macroscopic plasmas from the quantum mechanical viewpoint / D. F. Miranda ... [et al.] -- Advances in research on low-pressure capacitively coupled plasmas / H. C. Kim ... [et al.] -- Mass-spectrometry studies in RF capacitively coupled discharges / Magdalena Aflori -- Theory and application of the generalized Balescu-Lenard transport formalism / Renato Gatto, Harry E. Mynick -- Chaotic motion of relativistic electrons driven by whistler waves / G. V. Khazanov, A. A. Tel'nikhin, T. K. Kronberg -- Thermodynamic and transport properties of non-ideal complex plasma / T. S. Ramazanov ... [et al.].