

1. Record Nr.	UNINA9910464451203321
Titolo	Phytopathology in plants / / [edited by] Philip Stewart, Sabine Globig
Pubbl/distr/stampa	Oakville, Ont. : , : Apple Academic Press, , 2011
ISBN	0-429-09730-1 1-4665-6213-7
Descrizione fisica	1 online resource (321 p.)
Collana	Research progress in botany
Altri autori (Persone)	StewartPhilip <1974-> GlobigSabine <1949->
Disciplina	632.3
Soggetti	Plant diseases 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.
Nota di contenuto	1. Expanding the paradigms of plant pathogen life history and evolution of parasitic fitness beyond agricultural boundaries / Cindy E. Morris ... [et al.] -- 2. Two plant viral suppressors of silencing require the ethylene-inducible host transcription factor RAV2 to block RNA silencing / Matthew W. Endres ... [et al.] -- 3. Enhanced disease susceptibility 1 and salicylic acid act redundantly to regulate resistance gene-mediated signaling / Srivaths C. Venugopal ... [et al.] -- 4. Strategies of <i>nitrosomonas europaea</i> 19718 to counter low dissolved oxygen and high nitrite concentrations / Ran Yu and Kartik Chandran -- 5. A novel pathogenicity gene is required in the rice blast fungus to suppress the basal defenses of the host / Myoung-Hwan Chi ... [et al.] -- 6. Differential gene expression in incompatible interaction between wheat and stripe rust fungus revealed by Cdna-AFLP and comparison to compatible interaction / Xiaojie Wang ... [et al.] -- 7. Generation and analysis of expression sequence tags from haustoria of the wheat stripe rust fungus <i>Puccinia striiformis</i> f. sp. <i>Triticici</i> / Chuntao Yin ... [et al.] -- 8. Living the sweet life : how does a plant pathogenic fungus acquire sugar from plants? / Nicholas J. Talbot -- 9. FRAP analysis on red alga reveals the fluorescence recovery is ascribed to intrinsic photoprocesses of phycobilisomes rather than large-scale diffusion / Lu-Ning Liu ... [et al.] -- 10. Distinct, ecotype-specific genome and

proteome signatures in the marine cyanobacteria *Prochlorococcus* / Sandip Paul ... [et al.] -- 11. Global expression analysis of the brown alga *Ectocarpus siliculosus* (Phaeophyceae) reveals large-scale reprogramming of the transcriptome in response to abiotic stress / Simon M. Dittami ... [et al.] -- 12. Chloroplast genome sequence of the moss *Tortula ruralis* : gene content, polymorphism, and structural arrangement relative to other green plant chloroplast genomes / Melvin J. Oliver ... [et al.] -- 13. *Erwinia carotovora* elicitors and *botrytis cinerea* activate defense responses in *physcomitrella patens* / Ines Ponce de Leon ... [et al.].

**Sommario/riassunto**

<P>This volume includes the latest research into the diseases that affect non-vascular plants. The chapters bring to light the most recent studies of pathogen identification, disease etiology, disease cycles, economic impact, plant disease epidemiology, plant disease resistance, how plant diseases affect humans and animals, pathosystem genetics, and management of plant diseases. The information provided here helps readers to stay current with this field's ongoing research and ever-developing knowledge base.</P>

2. Record Nr. UNINA990008926200403321

**Titolo**

The Botanical review

**Pubbl/distr/stampa**

Lancaster (Pa), : New York Botanical Garden

**ISSN**

0006-8101

**Disciplina**

581/05

**Lingua di pubblicazione**

Inglese

**Formato**

Materiale a stampa

**Livello bibliografico**

Periodico

3. Record Nr.	UNINA9911019118503321
Titolo	Transverse disciplines in metrology [[electronic resource]] : proceedings of the 13th International Metrology Congress, 2007, Lille, France / / French College of Metrology
Pubbl/distr/stampa	London, : ISTE Hoboken, NJ, : Wiley, 2009
ISBN	1-282-16518-6 9786612165184 0-470-61137-5 0-470-39398-X
Descrizione fisica	1 online resource (829 p.)
Collana	ISTE ; ; v.50
Disciplina	389.1 620/.0044
Soggetti	Measurement Mathematics
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	Transverse Disciplines in Metrology; Table of Contents; Preface; Chemistry - Statistics/Gas Analysis; Certification of a reference material for herbicides in water by way of inter laboratory comparison; Determination of aflatoxin M1 using liquid chromatographic method: comparison between uncertainty obtained from in house validation data and from proficiency test data; Purity analysis in gas metrology; Comparison of two different approaches to evaluate the on line gas chromatography for natural gas Performance characteristics of GF-ASS and some metrological aspects of trace element determination The influence of water density and conductivity variation in a gravimetric calibration method; Hydraulic Quantities; Uncertainty estimation of free surface flow rates determined by ADCP or current meter gauging; Influence of the insertion depth on the response of a hot film anemometer in different wind tunnels; Recent Development of the ITS; The characterization of relative humidity and temperature probes for use in interlaboratory

comparisons

High temperatures: new fixed points and thermodynamic temperatureImplementation of a polyvalent measurement set-up for temperature and humidity used to characterize thermal and climate chambers: presentation of results; The SI, Now and Tomorrow; Determination of the Avogadro constant: a contribution to the new definition of mass; Development and application of the femtosecond frequency comb; Recent development in time metrology; Original monolithic device of 4-crossed axis with flexure pivots to be used for the French watt balance experiment; The practical realization of the meter in Portugal

Toward an important evolution of the international system of units: what practical impact?Health and Safety; Using proficiency testing results latest alternative method for uncertainty evaluation: application in clinical chemistry; Facilitating reliability and traceability of measurement results in laboratory medicine by certified reference materials; Dosimetric standard for continuous x-rays radiation fields of low and mediumenergies (< 300 kV); Metrological Tools and Means; The international vocabulary of metrology, 3rd edition: basic and general concepts and associated terms. Why? How?

Current problems of independant laboratories in EuropeThe harmonized European gas cubic meter for natural gas as realized by PTB, NMi-VSL and LNE-LADG and its benefit for the user and metrology; Environment; Traceability of environmental chemical analyses: can fundamental metrological principles meet routine practice? Example of chemical monitoring under the Water Framework Directive; Main standard for refrigerant liquid leak throughputs; Quality aspects of determining key rock parameters for the design and performance assessment of a repository for spent nuclear fuel Environment protection measurements by the technical inspection of vehicles

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#### Sommario/riassunto

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Based on The International Metrology Congress meeting, this reference examines the evolution of metrology, and its applications in industry, environment and safety, health and medicine, economy and quality, and new information and communication technologies; details the? improvement of measurement procedures to guarantee the quality of products and processes; and discusses the?development of metrology linked to innovating technologies. The themes of the Congress (quality and reliability of measurement, measurement uncertainties, calibration, verification, accreditation, sensory metrology, regul

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