1. Record Nr. UNINA9910298401403321

Autore	Sarsu Fatma
Titolo	Pre-Field Screening Protocols for Heat-Tolerant Mutants in Rice [[electronic resource] /] / by Fatma Sarsu, Abdelbagi M.A. Ghanim, Priyanka Das, Rajeev N. Bahuguna, Paul Mbogo Kusolwa, Muhammed Ashraf, Sneh L. Singla-Pareek, Ashwani Pareek, Brian P. Forster, Ivan Ingelbrecht
Pubbl/distr/stampa	Cham, : Springer Nature, 2018 Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-77338-0
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XII, 39 p. 16 illus., 10 illus. in color.)
Disciplina	631.52 660.6
Soggetti	Plant breeding Agriculture Plant Breeding/Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	General Introduction -- Screening Protocols for Heat Tolerance in Rice at the Seedling and Reproductive Stages -- Validation of Screening Protocols for Heat Tolerance in Rice -- Conclusion -- References.
Sommario/riassunto	This open access book presents simple, robust pre-field screening protocols that allow plant breeders to screen for enhanced tolerance to heat stress in rice. Two critical heat-sensitive stages in the lifecycle of the rice crop are targeted – the seedling and flowering stages – with screening based on simple phenotypic responses. The protocols are based on the use of a hydroponics system and/or pot experiments in a glasshouse in combination with a controlled growth chamber where the heat stress treatment is applied. The protocols are designed to be effective, simple, reproducible and user-friendly. The protocols will enable plant breeders to effectively reduce the number of plants from a few thousands to less than 100 candidate individual mutants or lines in a greenhouse/growth chamber, which can then be used for further

	testing and validation in the field conditions. The methods can also be used to classify rice genotypes according to their heat tolerance characteristics. Thus, different types of heat stress tolerance mechanisms can be identified, presenting opportunities for pyramiding different (mutant) sources of heat stress tolerance. .

2.

Record Nr.	UNINA9911020033003321
Autore	Kingma Peter W.
Titolo	Cash is king : maintain liquidity, build capital, and prepare your business for every opportunity / / Peter W. Kingma
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , [2024]
ISBN	1394308264
Descrizione fisica	1 online resource (xiv, 190 pages)
Soggetti	Liquidity (Economics) Cash management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Order-to-cash -- Procure-to-pay -- Forecast to fulfill -- Logistics -- Production -- Controller -- Metrics -- Resiliency -- Cash Leadership Office (CLO) -- Nonmanufacturing examples.
Sommario/riassunto	"Many are familiar with the phrase 'cash is king', but often don't fully appreciate why that is so. It's not really a great surprise because the modern corporate organization is largely built around profit and loss. Managers are held accountable for increasing sales and improving efficiency of output. There is almost always an out-sized focus on driving costs down. And, it's quite popular to describe a business as sales-driven or one where the customer comes first. There is nothing at all wrong with focusing on sales growth, cost reduction and improved customer service. But, it takes liquidity to keep the lights on, invest in R&D and new equipment. Without enough liquidity, organizations may have to suspend dividend payments or stretch to service debt obligations. As the economy shifts and markets become more global, it takes cash to seize opportunities. Cash is the fuel in the engine. The

		problem is almost no one in an organization fully understands the impact they have on cash. Small decisions here and there have ripple effects that go unnoticed until they start to add up. This book will examine what it takes to put cash on an equal footing with sales, cost and service, finding the right equilibrium. It will look at attributes of a cash culture and explore ways that leaders can transform their organizations. This is not a finance textbook. While it will explain some of the most important, and often most misunderstood metrics, the aim is to keep the reader fully awake. It'll use case study examples and will offer concrete suggestions for improvements."--

3.	Record Nr.	UNINA9910686773303321
	Autore	Korotchenkov G. S (Gennadii Sergeevich)
	Titolo	Handbook of II-VI Semiconductor-Based Sensors and Radiation Detectors : Vol. 3: Sensors, Biosensors and Radiation Detectors / / edited by Ghenadii Korotcenkov
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
	ISBN	9783031240003 9783031239991
	Edizione	[1st ed. 2023.]
	Descrizione fisica	1 online resource (700 pages)
	Disciplina	610.28 621.38152
	Soggetti	Semiconductors Materials Detectors Chemical detectors Radiation dosimetry Optical spectroscopy Materials - Analysis Sensors and biosensors Sensors Radiation Dosimetry and Protection Optical Spectroscopy Characterization and Analytical Technique
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa

Livello bibliografico	Monografia
Nota di contenuto	Basic principles of solid state X-ray radiation detector operation -- CdTe and CdZnTe-based radiation detectors -- ZnSe and CdSe-based radiation detectors -- CdS and ZnS-based radiation detectors -- Medical application of II-VI semiconductor-based radiation detectors -- Introduction in gas and humidity sensing -- II-VI semiconductor-based thin film electric and electronic gas sensors -- Nanocomposite and hybrid-based electric and electronic gas sensors -- II-VI semiconductor-polymer nanocomposites and its gas sensing properties -- Nanomaterial-based electric and electronic gas sensors -- II-VI-based electric and electronic humidity sensors -- II-VI-based optical gas sensors -- Spectroscopic gas sensing systems -- II-VI-based luminescence and fluorescence ion sensors -- Photoelectrochemical ion sensors -- II-VI semiconductor-based optical temperature sensors -- Introduction in biosensing -- Fluorescent biosensors based on II-VI QDs -- QD-based chemiluminescent biosensors -- Electrochemiluminescent biosensors based on II-VI QDs -- Electrochemical biosensors -- Photoelectrochemical biosensors -- Surface plasmon resonance biosensors -- Biosensors based on II-VI semiconductor quantum dots for health protection -- Application of II-VI semiconductor-based biosensors in nanomedicine and bioanalysis -- Applications of II-VI semiconductor-based biosensors for food analysis and food safety.
Sommario/riassunto	The reference provides interdisciplinary discussion for diverse II-VI semiconductors with a wide range of topics. The third volume of a three volume set, the book provides an up-to-date account of the present status of multifunctional II-VI semiconductors, from fundamental science and processing to their applications as various sensors, biosensors, and radiation detectors, and based on them to formulate new goals for the further research. The chapters in this volume provide a comprehensive overview of the manufacture, parameters and principles of operation of these devices. The application of these devices in various fields such medicine, agriculture, food quality control, environment monitoring and others is also considered. The analysis carried out shows the great potential of II-VI semiconductor-based sensors and detectors for these applications. Considers solid-state radiation detectors based on semiconductors of II-VI group and their applications; Analyzes the advantages of II-VI compounds to develop chemical and optical gas and ion sensors; Describes all types of biosensors based on II-VI semiconductors and gives examples of their use in various fields.