

1. Record Nr.	UNINA9910789478103321
Titolo	Biosensors and environmental health // editors, Victor R. Preedy, Vinood B. Patel
Pubbl/distr/stampa	Boca Raton, Fla. : , : CRC Press, , 2012
ISBN	0-429-18834-X 1-4665-6566-7
Edizione	[First edition.]
Descrizione fisica	1 online resource (383 pages, 9 unnumbered pages of plates) : illustrations
Classificazione	MED071000
Altri autori (Persone)	PreedyVictor R PatelVinood B
Disciplina	610.28
Soggetti	Biosensors Environmental health Environmental toxicology Pollution - Measurement
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A Science Publishers book.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1. Immunochips for personal toxicity testing / Zhixian Gao, Nan Liu and Rajkumar Rajendram -- 2. Detection of pesticide residues using biosensors / Javier Ramon-Azcon, Tomoyuki Yasukawa and Fumio Mizutani -- 3. Biosensors for ecotoxicity of xenobiotics : a focus on soil and risk assessment / Edoardo Puglisi. [et al.] -- 4. Biosensor-controlled degradation of organophosphate insecticides in water / Georges Istamboulie. [et al.] -- 5. Biosensors for endocrine disruptors : the case of bisphenol A and catechol / Marianna Portaccio. [et al.] -- 6. Biosensors for detection of heavy metals / Pavlina Sobrova. [et al.] -- 7. Whole cell biosensors : applications to environmental health / S. Buchinger and G. Reifferscheid -- 8. Bacterial whole cell bioreporters in environmental health / Yizhi Song. [et al.] -- 9. Environmental toxicology monitoring with polyazetidine-based enzymatic electrochemical biosensors / Franco Mazzei and Gabriele Favero -- 10. Polycyclic aromatic hydrocarbon (PAH) sensitive bacterial biosensors in environmental health / Mona Wells -- 11. Quorum sensing in microbial biosensors / Swati Choudhary and Claudia Schmidt-Dannert -- 12.

Biosensors based on immobilization of proteins in supramolecular assemblies for the detection of environmental relevant analytes / Rosa Pilolli. [et al.] -- 13. Nanogravimetric and voltammetric DNA-biosensors for screening of herbicides and pesticides / Maria Hepel, Magdalena Stobiecka and Anna Nowicka -- 14. Nitrate determination by amperometric biosensors : applications to environmental health / Erol Akyilmaz and Victor R. Preedy -- 15. Antibody-based biosensors for small environmental pollutants : focusing on PAHs / Candace R. Spier, Michael A. Unger and Stephen L. Kaattari -- 16. Exoelectrogens-based electrochemical biosensor for environmental monitoring / Liu Deng, Li Shang and Shaojun Dong -- 17. Detecting waterborne parasites using piezoelectric cantilever biosensors / Sen Xu and Raj Mutharasan -- 18. Bioluminescence-based biosensor for food contamination / Jinping Luo. [et al.].

Sommario/riassunto

Biosensors have a biological component within them and can be used to detect, monitor or quantify environmental substances. Chapters have an abstract, key facts, applications to other areas of health and disease and a mini-dictionary of key terms and summary points. Coverage includes personal toxicity testing, soil and risk assessment, pesticide, insecticides, parasites, nitrate, endocrine disruptors, heavy metals, food contamination, whole cell bioreporters, bacterial biosensors, antibody-based biosensors, enzymatic, amperometric and electrochemical aspects, quorum sensing, DNA-biosensors, cantilever biosensors, bioluminescence and other methods and applications. Contributors are leading authorities and the book is essential reading for environmental scientists, toxicologists, medical doctors, health care professionals, pathologists, biologists, biochemists, chemists and physicists, general practitioners as well as those interested in disease and sciences in general. --

2. Record Nr.	UNINA9910304132903321
Autore	Ruble Lisa A
Titolo	COMPASS and Implementation Science : Improving Educational Outcomes of Children with ASD // by Lisa A. Ruble, John H. McGrew
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-18554-3 3-319-18555-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (111 p.)
Collana	SpringerBriefs in Child Development, , 2192-838X
Disciplina	150 155.4 155424 361.3 616.8914
Soggetti	Child psychology School psychology Behavioral therapy Social service Child and School Psychology Behavioral Therapy Social Work
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	Chapter 1. Overview of Evidence-Based Practices.- Chapter 2. COMPASS Development.- Chapter 3. COMPASS Practice Outcome.- Chapter 4. Efficacy of COMPASS.- Chapter 5. COMPASS Implementation Quality -- Chapter 6. COMPASS Intervention Quality and Active Ingredients -- Chapter 7. Teacher Internal and External Factors -- Chapter 8. Child Internal and External Factors -- Chapter 9. Conclusion.
Sommario/riassunto	This Brief examines COMPASS – the Collaborative Model for Promoting Competence and Success – a consultation-based intervention specialized for children with Autism Spectrum Disorder (ASD). Based on the Evidence-Based Practices in Psychology (EBPP) framework, the

volume describes the processes that strengthen the expert support relationships between consultant and teacher (i.e., implementation) and between teacher and student (i.e., intervention). In addition, the Brief addresses how consultation methods work within COMPASS, with teachers learning from consultants' implementation methods to tailor instructions that are specific to students' educational and personal factors. This unique framework corresponds with current, widespread research and aims to provide more effective educational services for students with ASD during their crucial formative years. Topics featured in this text include: COMPASS practice outcome based on idiographic assessment and measures of quality. Evidence for the efficacy of COMPASS. COMPASS implementation quality. COMPASS intervention quality and active ingredients. Teacher and student internal and external factors impacting COMPASS. COMPASS and Implementation Science is a must-have resource for clinicians, scientist-practitioners, researchers, and graduate students in the fields of child and school psychology, behavioral therapy, and social work as well as rehabilitation, special education, and speech pathology.
