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Titolo	SIVE : 2018 IEEE 4th VR Workshop on Sonic Interactions for Virtual Environments : 18 March 2017, Reutlingen, Germany / / edited by Michele Geronzago [and five others] ; sponsored by Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	Piscataway, New Jersey : , : Institute of Electrical and Electronics Engineers, , 2018
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Descrizione fisica	1 online resource (94 pages)
Disciplina	006.8
Soggetti	Virtual reality Acoustical engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9911019930703321
Titolo	Cyanide compounds in biology
Pubbl/distr/stampa	Chichester, U.K. ; ; New York, : J. Wiley, 1988
ISBN	9786612347573 9781282347571 1282347578 9780470513712 0470513713 9780470513729 0470513721
Descrizione fisica	1 online resource (274 p.)
Collana	Ciba Foundation symposium ; ; 140
Disciplina	574.19/214
Soggetti	Cyanides - Physiological effect Cyanides - Metabolism Cyanides - Metabolic detoxification
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	"A Wiley-Interscience publication." "Symposium on Cyanide compounds in biology, held at the Ciba Foundation, London, 15-17 March 1988"--P. v. Includes bibliographies and indexes.
Nota di bibliografia	
Nota di contenuto	CYANIDE COMPOUNDS IN BIOLOGY; Contents; Participants; Introduction; Cyanide utilization and degradation by microorganisms; Microbial hydrolysis of organic nitriles and amides; The industrial potential of microbial nitrile biochemistry; Cyanogenic glucosides: the biosynthetic pathway and the enzyme system involved; Localization and catabolism of cyanogenic glycosides; Detoxification of cyanide by plants and hormone action; The molecular biology of cyanogenesis; Cyanogenesis and the role of cyanogenic compounds in insects; Cyanogenesis in animal-plant interactions; General discussion Determination of cyanide and cyanogenic compounds systems in biological Mammalian cyanide detoxification with sulphane sulphur; Nutritional and biochemical factors influencing the biological effects of cyanide; The mechanism of cyanide intoxication and its antagonism; Final general discussion; Chairman's summary; Index of Contributors;

Subject Index

Sommario/riassunto

Comprises the proceedings of a symposium held at the Ciba Foundation, March 1988. Contributors present an international, interdisciplinary approach to the biology and biological chemistry of cyanide and related compounds. Addressed are the microbial metabolism of HCN and organic nitrile compounds, cyanogenesis in higher plants, qualitative and quantitative methods of analysis of cyanogenic glycosides, and detoxification of hydrogen cyanide by animals.