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Titolo	Artificial receptors for chemical sensors // edited by Vladimir M. Mirsky and Anatoly K. Yatsimirsky
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Altri autori (Persone)	MirskyVladimir M YatsimirskyAnatoly K
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Soggetti	Chemical detectors
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Nota di contenuto	Artificial Receptors for Chemical Sensors; Contents; Preface; List of Contributors; 1 Quantitative Characterization of Affinity Properties of Immobilized Receptors; 2 Selectivity of Chemical Receptors; 3 Combinatorial Development of Sensing Materials; 4 Fluorescent Cyclodextrins as Chemosensors for Molecule Detection in Water; 5 Cyclopeptide Derived Synthetic Receptors; 6 Boronic Acid-Based Receptors and Chemosensors; 7 Artificial Receptor Compounds for Chiral Recognition; 8 Fullerene Receptors Based on Calixarene Derivatives; 9 Guanidinium Based Anion Receptors 10 Artificial Receptors Based on Spreader-Bar Systems 11 Potential of Aptamers as Artificial Receptors in Chemical Sensors; 12 Conducting Polymers as Artificial Receptors in Chemical Sensors; 13 Molecularly

Imprinted Polymers as Artificial Receptors; 14 Quantitative Affinity Data on Selected Artificial Receptors; Index

Sommario/riassunto

The first to provide systematically organized information on all three important aspects of artificial receptor design, this book brings together knowledge on an exceptionally hot and multidisciplinary field of research. Strong emphasis is placed on the methodology for discovering artificial receptors, with both definitions for chemosensitivity as well as experimental setups supplied. There follows coverage of numerous classes of artificial receptors, including synthesis, immobilization on surfaces, and quantitative data on properties. The third part of the book focuses on receptor arrays for

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Titolo

Decade of the plague : the sociopsychological ramifications of STD // Margaret Rodway, Marianne Wright, editors

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Altri autori (Persone)

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Nota di contenuto

Cover; Decade of the Plague: The Sociopsychological Ramifications of

STD; Title Page; Copyright Page; Table of Contents; About the Editors; Contributors; Acknowledgements; Introduction; Part I: Social, Psychological and Medical Dimensions; Sexually Transmitted Diseases - An Overview; Sexually Transmitted Diseases: Psychosocial Parameters and Implications for Social Work Practice; Acquired Immunodeficiency Syndrome and Minorities: Policy Perspectives; Part II: Practice Interventions; Counselling Issues in Disclosure of Sexually Transmitted Disease
Issues and Problems Confronting the Lovers, Families and Communities Associated with Persons with AIDS
Psychosocial Dimensions of Genital Herpes: A Case Study Approach; Part III: Teaching; AIDS and Social Work: Sociopsychological Training Curriculum for Human Sexuality and Related Fields of Professional Practice; Learning About the Psychosocial Impact of Sexually Transmitted Diseases: Teaching Strategies; AIDS: Prevention Is the Only Vaccine Available: An AIDS Prevention Educational Program; Part IV: Epilogue; The Approaching Epidemic; Index

Sommario/riassunto

Social workers, counselors, and health care professionals will be challenged by this thorough presentation of Sexually Transmitted Diseases (STDs). The contributing authors contend that in the immediate future, education, not medicine will be the single most important weapon in stemming the spread of STDs. Thus, the responsibility of educating society and providing service for people who are directly or indirectly affected by STDs lies with helping professions. The devastating social, medical, and psychological aspects of AIDS, herpes, and other STDs are discussed. Contributors focus on the is
