

1. Record Nr.	UNINA9910155250803321
Autore	Jain Pankaj
Titolo	Science and socio-religious revolution in India : moving the mountains // Pankaj Jain
Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 2017
ISBN	1-315-77631-6 1-317-69009-5 1-317-69010-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (121 pages) : illustrations
Collana	Routledge studies in Asian religion and philosophy ; ; 20 Routledge focus
Disciplina	201/.77 294.5177
Soggetti	Ecology - Religious aspects Religion and science - India Mountain ecology - Himalaya Mountains Region
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Dharma and science -- HESCO: an overview -- HESCO: a brief history and ethnography -- Restoring a holy river in Punjab -- Dharma of GEP and science of GDP.

2.	Record Nr.	UNICAMPANIAVAN00274450
	Autore	Ahmed, Abdul
	Titolo	Oral and Maxillofacial Surgery : Revision Study Guide / Abdul Ahmed, Shahme Farook, Michael Perry
	Pubbl/distr/stampa	Cham, : Springer, 2023
	Descrizione fisica	XVII, 471 p. ; 24 cm
	Altri autori (Persone)	Perry, Michael Shahme, Farook
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
3.	Record Nr.	UNINA9910962422303321
	Autore	Pimentel George C
	Titolo	Opportunities in chemistry : today and tomorrow / / George C. Pimentel, Janice A. Coonrod
	Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1987
	ISBN	9786610221547 9781280221545 1280221542 9780309594684 0309594685 9780585143811 0585143811
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (254 pages) : illustrations
	Altri autori (Persone)	CoonrodJanice A
	Disciplina	540/.72073
	Soggetti	Chemistry - Research - United States Chemistry - Vocational guidance - United States
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph

Opportunities in Chemistry Today and Tomorrow -- Copyright -- Acknowledgments -- Preface -- Contents -- OPPORTUNITIES IN Chemistry TODAY AND TOMORROW -- Chapter I Introduction -- Chapter II Environmental Quality Through Chemistry -- NO DEPOSIT, NO RETURN, NO PROBLEM -- Chapter II Environmental Quality Through Chemistry -- TURNING DETECTION INTO PROTECTION -- OZONE IN THE STRATOSPHERE -- REDUCING ACID RAIN -- GUARDING AGAINST CLIMATE CHANGE: THE GREENHOUSE EFFECT -- CLEANER WATER AND SAFE DISPOSAL OF WASTES -- RADIOACTIVE WASTE MANAGEMENT -- SUPPLEMENTARY READING -- Chemical & -- Engineering News -- Science -- Scientific American -- ACS Information Pamphlets -- Chapter III Human Needs Through Chemistry -- WHIPPING A WICKED WEED -- III-A. More Food -- Plant Hormones and Growth Regulators -- Indole Acetic Acid (IAA), an Auxin (1) -- Gibberellic Acid (GA) (2) -- Cytokinins (3) -- Ethylene (4) -- Strigol (5) -- G2 Factor or Trigonelline (6) -- Glycinoeclepin A (7) -- Insect Hormones and Growth Regulators -- Molting Hormones (MH) (8) -- Juvenile Hormone (JH) (9) -- Anti-Juvenile Hormones -- Natural Defense Compounds: Antifeedants -- Insect Pheromones -- Pesticides -- Insecticides -- Herbicides -- Fungicides -- Special Techniques -- Fixation of Nitrogen and Photosynthesis -- Nitrogen Fixation -- Photosynthesis -- Food From the Sea -- Isolation and Characterization Techniques of Bioactive Molecules -- Conclusion -- Supplementary Reading -- Chemical & -- Engineering News -- BEAUTY IS ONLY SKIN DEEP -- III-B. New Processes -- Heterogeneous Catalysis -- Molecular Sieve Synthesis and Catalysis -- Metal Catalysis -- Conversion Catalysts -- Catalysts to Improve the Quality of Air and Water -- Homogeneous Catalysis -- Activation of Inert Molecules -- Metal Cluster Chemistry -- Stereoselective Catalysts -- Photocatalysis and Electrocatalysis. Photocatalysis -- Electrocatalysis -- Chemistry at the Solid/Liquid Interface -- Artificial-Enzyme Catalysis -- Controlled Molecular Topography and Designed Catalysts -- Biomimetic Enzymes -- Conclusion -- Supplementary Reading -- Chemical & -- Engineering News -- Science -- A LITHIUM-POWERED HEART -- III-C. More Energy -- Petroleum -- Recovery -- Refining -- Chemistry on a Catalytic Surface -- Combustion -- Natural Gas -- Coal -- Shale Oil and Tar Sands -- Biomass -- Solar Energy -- Nuclear Energy -- Fusion Energy -- Conclusion -- Supplementary Reading -- Chemical & -- Engineering News -- Science -- Scientific American -- Chem Matters -- STONE AGE, IRON AGE, POLYMER AGE -- III-D. New Products and Materials -- Plastics and Polymers -- Polymers as Structural Materials -- Liquid Crystals and Polymer Liquid Crystals -- Block Polymers and Self-Organized Solids -- Novel Optical Materials -- Optical Fibers -- Optical Switches -- Novel Electrical Conductors -- Semiconductors -- Conducting Stacks -- Organic Conductors -- Superconductors -- Solid-State Ionic Conductors -- Acentric Materials -- Conducting Glasses -- Materials for Extreme Conditions -- New Synthetic Techniques -- Some Examples-Real and Projected -- Conclusion -- Supplementary Reading -- Chemical & -- Engineering News -- Science -- Scientific American -- Chem Matters -- RX-SNAKE BITE -- III-E. Better Health -- Notable Scientific Advances During the Last 15 Years -- Enzyme Inhibitors -- Receptors -- Antibiotic Research -- Antibacterials -- Antivirals -- Cardiovascular Disease -- Hypertension -- Atherosclerosis -- Heart Failure -- Arrhythmia -- Drugs Affecting the Central Nervous System (CNS) -- Cancer Research -- Carcinogenesis -- Chemotherapy -- Inflammatory and Immunological Diseases and Defense Systems -- Advances in Fertility Control and

Fertility Induction -- Vitamins -- Conclusion.

Supplementary Reading -- Chemical & Engineering News -- Scientific American -- Chem Matters -- A PAC-MAN FOR CHOLESTEROL -- III-F. Biotechnologies -- DNA-What is it? -- Proteins-What Do they Do? -- Recombinant DNA Technologies -- Biotechnology Application to Medicine -- Bioengineering -- Biocatalysis -- Conclusion -- Supplementary Reading -- Chemical & Engineering News -- Science -- MAGNETIC FLUIDS-ATTRACTIVE POSSIBILITIES -- III-G. Economic Benefits -- Introduction -- Energy and Feedstocks -- Renewing our Industries -- New Horizons -- Biotechnology -- High-Technology Ceramics -- Advanced Composites and Engineering Plastics -- Photoimaging -- Microelectronic Devices -- Molecular-Scale Computers -- Conclusion -- Supplementary Reading -- Chemical & Engineering News -- Scientific American -- Chapter IV Intellectual Frontiers in Chemistry -- THE TIME IT TAKES TO WAG A TAIL -- IV-A. Control of Chemical Reactions -- Molecular Dynamics -- Fast Chemical Processes -- Energy Transfer and Movement -- State-to-State Chemistry -- Multiphoton and Multiple Photon Excitation -- Mode-Selective Chemistry -- Theoretical Calculations of Reaction Surfaces -- New Reaction Pathways -- Organic Chemistry -- Inorganic Chemistry -- Selective Pathways in Organic Synthesis -- Crossing Inorganic/Organic Boundaries -- Pathways Using Light as a Reagent -- Supplementary Reading -- Chemical & Engineering News -- Science -- Scientific American -- JACK AND THE SOYBEAN STALK -- IV-B. Dealing with Molecular Complexity -- Synthesis and Biosynthesis -- Synthesis of Natural Products -- Biosynthesis of Natural Products -- The Chemical Synthesis of DNA -- Structures of Macromolecules -- Structural Studies on Dihydrofolate Reductases and Their Inhibitors -- Frontiers in the Chemistry of Genetic Material -- Structure and Function in Biochemistry.

Gene Structure and RNA Splicing -- Supplementary Reading -- Chemical & Engineering News -- Science -- Chem Matters -- SOMETHING FOR NOTHING -- IV-C. National Well-Being -- Chemistry at Solid Surfaces -- The Structure of Solid Surfaces -- Adsorbed Molecules -- Chemical Bonding at the Surface -- Coadsorption on Surfaces -- Condensed-Phase Studies -- Optical and Electronic Properties of Solids -- Liquids -- Critical Phenomena -- Chemistry of the Terrestrial and Extraterrestrial Materials -- Analytical Chemistry -- Analytical Separations -- Optical Spectroscopy -- Mass Spectrometry -- Combined ("Hyphenated") Techniques -- Electroanalytical Chemistry -- Separations Sciences -- Separations Chemistry -- Nuclear Chemistry -- Studies of Nuclei and Their Properties -- Space Exploration -- Isotopic Composition -- Nuclear Chemistry in Medicine -- Supplementary Reading -- Chemical & Engineering News -- Chapter V Instrumentation in Chemistry -- A LASER FLASHLIGHT -- V-A. Instrumentation for Study of Chemical Reactions -- Lasers -- Developments in the Last Decade -- Chemical Applications -- Computers -- Superminicomputers -- Mainframe and Supercomputers -- Molecular Beams -- Capabilities -- Synchrotron Light Sources -- Characteristics of Synchrotron Sources -- Applications of Synchrotron Sources in Chemistry -- Free-Electron Lasers -- Potential Capabilities -- Supplementary Reading -- Chemical & Engineering News -- THE ANT THAT DOESN'T LIKE LICORICE -- V-B. Instrumentation Dealing with Molecular Complexity -- Nuclear Magnetic Resonance (NMR) -- Solution NMR -- Fourier Transform NMR (FT NMR) -- Solid-State NMR -- Two-Dimensional NMR -- Imaging -- NMR Performance, Availability, and Costs -- Mass Spectrometry (MS) -- Applicability -- Sensitivity and Selectivity -- Costs -- X-Ray Diffraction -- Applications

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Chemistry -- FEARS OF THE MODERN AGE -- WHAT IS TOXIC? -- RISK
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-- THE DOCTORAL DEGREE IN CHEMISTRY (PH.D.) -- Chemistry
Doctorates in U.S. Education -- Post-Baccalaureate Educational Patterns
for Chemists -- CAREER DIRECTIONS -- SUPPLEMENTARY READING --
ACS Information Pamphlets -- Index.
