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Titolo	Computer simulation of shaped charge problems // Wen Ho Lee
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (220 p.)
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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 indexes.
Nota di contenuto	Contents; A Personal Introduction; Chapter 1 Small Molecules for Chemogenomics-based Drug Discovery Edgar Jacoby, Ansgar Schuffenhauer, Kamal Azzaoui, Maxim Popov, Sigmar Dressler, Meir Glick, Jeremy Jenkins, John Davies and Silvio Roggo; 1. Introduction; 2. Compound Categories; 2.1. Natural products and derivatives; 2.2. Primary metabolites, co-substrates, co-factors, and marketed drugs; 2.3. Peptides and peptido-mimetics; 2.4. Diversity oriented synthesis molecules; 3. Designing Comprehensive Chemogenomics Screening Compound Collections 4. Essential Properties and Selection Processes along the Discovery Pipeline5. Molecular Information Systems and Annotated Compound Libraries; 6. Conclusion; Acknowledgements; References; Chapter 2 Mapping the Chemogenomic Space Jordi Mestres; 1. The Chemogenomic Space; 2. Annotation and Classification Schemes for Proteins; 2.1. Enzymes; 2.2. Receptors; 2.2.1. Channel receptors; 2.2.2.

G Protein-coupled receptors; 2.2.3. Nuclear receptors; 3. Structural Representativity of Protein Families; 4. Annotation and Classification Schemes for Molecules; 5. Mapping the Molecule-Protein Space 6. Exploiting the Chemogenomic Space 7. Conclusions; References; Chapter 3 Natural Product Scaffolds and Protein Structure Similarity Clustering (PSSC) as Inspiration Sources for Compound Library Design in Chemogenomics and Drug Development Frank J. Dekker, Stefan Wetzel and Herbert Waldmann; 1. Introduction; 2. Biological Relevance in Compound Library Design; 2.1. Compound libraries as sources for small molecule modulators of protein function; 2.2. Annotated libraries; 2.3. Natural products as inspiration sources for library design; 2.4. Library design based on privileged structures 3. Natural Product Inspired Compound Library Synthesis 4. Target Clustering as Strategy in Drug Discovery; 4.1. Target clustering; 4.2. Target clustering based on structural and functional similarity; 5. PSSC as Guiding Principle for Compound Library Design; 5.1. Protein structure similarity clustering (PSSC); 5.2. PSSC based reanalysis of the development of leukotriene A4 hydrolase inhibitors; 5.3. PSSC based reanalysis of the development of nuclear hormone receptor ligands 5.4. Application of PSSC for de novo ligand development for the protein cluster Cdc25A phosphataseacetylcholinesterase-11-hydroxysteroid dehydrogenase 5.5. Position of the PSSC concept in drug development and chemogenomics; 6. Conclusions; Acknowledgments; References; Chapter 4 A Reductionist Approach to Chemogenomics in the Design of Drug Molecules and Focused Libraries Roger Crossley and Martin Slater; 1. Introduction; 2. Molecular Recognition and Vicinity AnalysisTM; 3. Thematic AnalysisTM; Examples of Themes; 4. Family B and C GPCRs; 5. Classification of GPCRs; 6. Pharmacophore Maps 7. Library Design Using Thematic AnalysisTM

Sommario/riassunto

Devoted to the subject of shape charge design using numerical methods, this book offers the defense and commercial industries unique material not contained in any other single volume. The coverage of the Lagrangian and Eulerian methods as well as the equation of state provides first hand help to engineers working on shape charge problems. The book includes detailed descriptions of oil-well perforation not available from any other sources and, coupled with the material flow physics discussed in Chapters 2 and 3 and Appendix B, readers can design the fuel rod configurations for a nuclear reactor

2. Record Nr.	UNINA9911100384303321
Titolo	Chinese religiosities : afflictions of modernity and state formation / / edited by Mayfair Mei-hui Yang
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Edizione	[1st ed.]
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Collana	Global, area, and international archive
Altri autori (Persone)	YangMayfair Mei-hui
Disciplina	200.951/0904
Soggetti	Religion and state - China - History - 20th century China Religion 20th century China Civilization 20th century
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Note generali	"Most of the essays in this volume were first presented at the International Conference on Religion, Modernity, and the State in China and Taiwan, held at the University of California, Santa Barbara, October 28-20, 2005"--P. vii.
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Nota di contenuto	Pt. I. Religious approaches to citizenship : the traffic between religious orders and the secular national order -- 1. Religion and citizenship in China and the diaspora / Prasenjit Duara -- 2. Redeploying Confucius : the imperial state dreams of the nation, 1902-1911 / Ya-pei Kuo -- Pt. II. State discourse and the transformation of religious communities -- 3. Ritual competition and the modernizing nation-state / Rebecca Nedostup -- 4. Heretical doctrines, reactionary secret societies, evil cults : labeling heterodoxy in twentieth-century China / David A. Palmer -- 5. Animal spirits, karmic retribution, Falungong, and the state / Benjamin Penny -- 6. Christianity and "adaptation to socialism" / Ryan Dunch -- 7. Islam and modernity in China : secularization or separatism? / Dru C. Gladney -- Pt. III. The reinvention and control of religious institutions -- 8. Republican church engineering : the national religious associations in 1912 China / Vincent Goossaert -- 9.

Secularization as religious restructuring : statist institutionalization of Chinese Buddhism and its paradoxes / Ji Zhe -- 10. State control of Tibetan Buddhist monasticism in the People's Republic of China / Jose Ignacio Cabezon -- Pt. IV. Taiwan and transnational Chinese religiosity -- 11. Religious renaissance and Taiwan's modern middle classes / Richard Madsen -- 12. Goddess across the Taiwan Strait : matrifocal ritual space, nation-state, and satellite television footprints / Mayfair Mei-hui Yang.

Sommario/riassunto

The long twentieth century in China and Taiwan has seen both a dramatic process of state-driven secularization and modernization and a vigorous revival of contemporary religious life. *Chinese Religiosities* explores the often vexed relationship between the modern Chinese state and religious practice. The essays in this comprehensive, multidisciplinary collection cover a wide range of traditions, including Buddhism, Daoism, Islam, Confucianism, Protestantism, Falungong, popular religion, and redemptive societies. Contributors: José Cabezón, Prasenjit Duara, Ryan Dunch, Dru C. Gladney, Vincent Goossaert, Ji Zhe, Ya-pei Kuo, Richard Madsen, Rebecca Nedostup, David Palmer, Benjamin Penny, Mayfair Mei-hui Yang
