

## **Elsevier eBooks - 466 E-Books Title List**

1. [A Handbook for Sensory and Consumer-Driven New Product Development: Innovative Technologies for the Food and Beverage Industry](#)
2. [Actuaries' Survival Guide](#)
3. [Adsorption by Powders and Porous Solids](#)
4. [Advances in Biotechnology for Food Industry](#)
5. [Advances in Fermented Foods and Beverages](#)
6. [Advances in Food and Beverage Labelling](#)
7. [Advances in Food Rheology and its Applications](#)
8. [Advances in Microbial Food Safety](#)
9. [Advances in Nanoporous Materials. Volume 1](#)
10. [Advances in Polyurethane Biomaterials](#)
11. [Advances in Shape Memory Polymers](#)
12. [Agile Data Warehousing for the Enterprise](#)
13. [Agile Data Warehousing Project Management](#)
14. [Agile Development & Business Goals](#)
15. [Agile Software Architecture](#)
16. [Agile User Experience Design](#)
17. [Aging and Decision Making](#)
18. [Agricultural Internet of Things and Decision Support for Precision Smart Farming](#)
19. [Agro-Industrial Wastes as Feedstock for Enzyme Production: Apply and Exploit the Emerging and Valuable Use Options of Waste Biomass](#)
20. [Alkaloids](#)
21. [Amorphous Chalcogenides](#)
22. [An Introduction to MATLAB Programming and Numerical Methods for Engineers](#)
23. [Analytical Chemistry for Assessing Medication Adherence](#)
24. [Animal Behavior](#)
25. [Anti-Abrasive Nanocoatings](#)
26. [Applications of Graphene and Graphene-Oxide based Nanomaterials](#)
27. [Applied Time Series Analysis: A Practical Guide to Modeling and Forecasting](#)
28. [Assessing Nanoparticle Risks to Human Health](#)
29. [Atomic and Molecular Manipulation](#)
30. [Augmented Reality Law, Privacy, and Ethics: Law, Society, and Emerging AR Technologies](#)
31. [Basic Medical Endocrinology](#)
32. [Basic Principles of Drug Discovery and Development](#)
33. [Big Data Analytics](#)
34. [Big Data: Principles and Paradigms](#)
35. [Bioactive Glasses](#)
36. [Biochemistry of Foods](#)
37. [Biodegradable and Biocompatible Polymer Composites: Processing, Properties and Applications](#)
38. [Bioenergetics](#)
39. [Bioenergy](#)
40. [Biofiber Reinforcements in Composite Materials](#)
41. [Biofuels](#)
42. [Bioinformatics for Beginners](#)
43. [Biomaterials for Cancer Therapeutics](#)
44. [Biomimetic Biomaterials](#)
45. [Biopolymer Composites in Electronics](#)
46. [Bioprocess Engineering Kinetics, Sustainability, and Reactor Design](#)
47. [Bioscience and Bioengineering of Titanium Materials](#)
48. [Biotechnology and Plant Breeding](#)
49. [Biotechnology for Sustainable Agriculture: Emerging Approaches and Strategies](#)
50. [Brewing Materials and Processes: A Practical Approach to Beer Excellence](#)

51. Bridging UX and Web Development: Better Results through Team Integration
52. Building an Information Security Awareness Program
53. Business Intelligence Guidebook
54. Business Process Change
55. Cancer Genomics
56. Carbon Nanotubes and Graphene
57. Carbon Nanotubes and Graphene for Photonic Applications
58. Ceramic Nanocomposites
59. Cereal Grains for the Food and Beverage Industries
60. Chemical Analysis of Food: Techniques and Applications
61. Chemical Contaminants and Residues in Food
62. Chemically Modified Nanopores and Nanochannels
63. Chemistry and Water: The Science behind Sustaining the World's Most Crucial Resource
64. Chemistry, Manufacture and Applications of Natural Rubber
65. Chemometrics in Food Chemistry
66. Cleaning with Solvents: Science and Technology
67. Clinical Immunology: Principles and Practice
68. Cloud Computing
69. Cloud Networking
70. Cognition, Intelligence, and Achievement
71. Cold Plasma in Food and Agriculture: Fundamentals and Applications
72. Collaboration with Cloud Computing
73. Colour Measurement
74. Commercial Data Mining
75. Comprehensive Utilization of Citrus By-Products
76. Computation and Storage in the Cloud
77. Computational Logic
78. Computer and Information Security Handbook
79. Computer and Machine Vision
80. Contextual Design: Design for Life
81. Creativity
82. Crop Physiology
83. Cu(InGa)Se<sub>2</sub> Based Thin Film Solar Cells
84. Cyber Reconnaissance, Surveillance and Defense
85. Cyber Security and IT Infrastructure Protection
86. Data Breach Preparation and Response: Breaches are Certain, Impact is Not
87. Data Mining: Practical Machine Learning Tools and Techniques
88. Data Science: Concepts and Practice
89. Data Simplification: Taming Information with Open Source Tools
90. Data Warehousing in the Age of Big Data
91. Database Modeling and Design
92. Demystifying the Institutional Repository for Success
93. Desalination Sustainability: A Technical, Socioeconomic, and Environmental Approach
94. Descriptive Inorganic Chemistry
95. Determining Mycotoxins and Mycotoxigenic Fungi in Food and Feed
96. Developing Food Products for Consumers with Specific Dietary Needs
97. Diamond-Based Materials for Biomedical Applications
98. Differential Equations, Dynamical Systems, and an Introduction to Chaos
99. Digital Forensics for Legal Professionals
100. Digital Forensics Processing and Procedures
101. Digital Identities
102. Direct Synthesis of Metal Complexes
103. Disaster Planning for Libraries
104. Dream Science
105. Education for Innovation and Independent Learning
106. Emerging Food Packaging Technologies
107. Emerging Technologies for Food Processing

108. Emerging Trends in ICT Security
109. Emerging Trends in Image Processing, Computer Vision and Pattern Recognition
110. Emotions, Technology, and Behaviors
111. Emotions, Technology, and Social Media
112. Emotions, Technology, Design, and Learning
113. Emotions, Technology, and Learning
114. Encapsulation Technologies and Delivery Systems for Food Ingredients and Nutraceuticals
115. Encyclopedia of Food Safety
116. Energy Sources: Fundamentals of Chemical Conversion Processes and Applications
117. Engineering Tribology
118. Enterprise Business Intelligence and Data Warehousing
119. Environment and Development: Basic Principles, Human Activities, and Environmental Implications
120. Environmental Forensics for Persistent Organic Pollutants
121. Environmental Microbiology
122. Environmental Water
123. Enzyme Nanoparticles
124. Enzymes in Food Biotechnology: Production, Applications, and Future Prospects
125. Enzymes in Human and Animal Nutrition
126. Essential Concepts in Molecular Pathology
127. Essentials in Modern HPLC Separations
128. Essentials of Medical Biochemistry
129. Experimental Methods in Orthopaedic Biomechanics
130. Fermented Foods in Health and Disease Prevention
131. Flavor: From Food to Behaviors, Wellbeing and Health
132. Flavour Development, Analysis and Perception in Food and Beverages
133. Flavour Science
134. Flow Analysis
135. Flow Analysis with Spectrophotometric and Luminometric Detection
136. Food Chemical Safety
137. Food Hygiene and Toxicology in Ready-To-Eat Foods
138. Food Packaging
139. Food Preservation
140. Food Preservation Process Design
141. Food Processing for Increased Quality and Consumption
142. Food Processing Technology: Principles and Practice
143. Food Protection and Security: Preventing and Mitigating Contamination during Food Processing and Production
144. Food Safety and Preservation
145. Food Safety in the 21st Century: Public Health Perspective
146. Food Safety Management
147. Food Science and the Culinary Arts
148. Food, Energy, and Water
149. Forensic Investigations: An Introduction
150. Foundations of Quantum Programming
151. Freeze-Drying of Pharmaceutical and Food Products
152. Functional Atlas of the Human Fascial System
153. Fundamentals and Analytical Applications of Multi-Way Calibration
154. Fundamentals of Air Pollution
155. Fundamentals of Applied Probability and Random Processes
156. Game Theory and Learning for Wireless Networks
157. Gas Chromatography
158. Gas Chromatography and Mass Spectrometry
159. Genetic Engineering of Horticultural Crops
160. Genetically Modified Food Sources
161. Genetically Modified Plants
162. Global Imbalances, Financial Crises, and Central Bank Policies

163. GPU-based Parallel Implementation of Swarm Intelligence Algorithms
164. Governing Nano Foods: Principles-Based Responsive Regulation
165. Graphene
166. Graphene
167. Green Synthetic Approaches for Biologically Relevant Heterocycles
168. Group Theory for Chemists
169. Hacking and Penetration Testing with Low Power Devices
170. Handbook of Advanced Ceramics
171. Handbook of Biosensors and Biosensor Kinetics
172. Handbook of Flexible Organic Electronics: Materials, Manufacturing and Applications
173. Handbook of Food Allergen Detection and Control
174. Handbook of Heterocyclic Chemistry
175. Handbook of Natural Antimicrobials for Food Safety and Quality
176. Handbook of Natural Fibres
177. Handbook of Organic Materials for Optical and (Opto) Electronic Devices
178. Handbook of Physical Vapor Deposition (PVD) Processing
179. Handbook of Radioactivity Analysis
180. Handbook of Recycling
181. Handbook of Smart Coatings for Materials Protection
182. Handbook of Solid Phase Microextraction
183. Handbook of Thermoplastic Elastomers
184. Handbook on Natural Pigments in Food And Beverages: Industrial Applications for Improving Food Color
185. Herpetology
186. Heterogeneous Catalysis
187. Heterogeneous Catalytic Materials
188. High Performance Textiles and their Applications
189. High-Resolution NMR Techniques in Organic Chemistry
190. High Temperature Polymer Blends
191. High Throughput Screening for Food Safety Assessment
192. High-Temperature Superconductors
193. How Libraries Should Manage Data
194. Human Genes and Genomes
195. Human Memory
196. Human Parasitology
197. Human Reproductive Biology
198. Human-Computer Interaction
199. Hurting Memories and Beneficial Forgetting
200. Impact of Nanoscience in the Food Industry
201. Implementing Analytics
202. Individual Differences and Personality
203. Industrial Network Security
204. Infectious Disease in Aquaculture
205. Information Governance and Security: Protecting and Managing Your Company's Proprietary Information
206. Information Security Analytics
207. Information Security Science: Measuring the Vulnerability to Data Compromises
208. Information Systems Transformation
209. Infrared and Raman Spectroscopy
210. Injectable Biomaterials
211. Innovations in Food Packaging
212. Innovative Food Processing Technologies: Extraction, Separation, Component Modification, and Process Intensification
213. Inorganic and Composite Fibers: Production, Properties, and Applications
214. Inorganic Chemistry
215. In-situ Characterization of Thin Film Growth
216. Instrumental Thin-Layer Chromatography

217. Integrated Security Systems Design: A Complete Reference for Building Enterprise-Wide Digital Security Systems
218. Integrating the Packaging and Product Experience in Food and Beverages: A Road - Map to Consumer Satisfaction
219. Intelligent Vehicular Networks and Communications
220. Interfacing PIC Microcontrollers
221. Internet of Things: Principles and Paradigms
222. Introduction to Aerospace Materials
223. Introduction to Business Analytics Using Simulation
224. Introduction to Probability
225. Introduction to Robust Estimation and Hypothesis Testing
226. Ion Beam Treatment of Polymers
227. Ion Exchange Membranes
228. Joe Celko's SQL for Smarties
229. Key Concepts in Environmental Chemistry
230. Lactose-Derived Prebiotics: A Process Perspective
231. Laser Heating Applications
232. Laser Spectroscopy for Sensing
233. Lignin in Polymer Composites
234. Lignocellulose Biorefinery Engineering
235. Liquid Chromatography
236. Magnetic Nano- and Microwires
237. Managing and Preventing Obesity
238. Managing Information Security
239. Managing Online Risk: Apps, Mobile, and Social Media Security
240. Marine Applications of Advanced Fibre-Reinforced Composites
241. Marketing the 21st Century Library
242. Markov Processes for Stochastic Modeling
243. Mass Production of Beneficial Organisms
244. Mass Spectrometry: Techniques for Structural Characterization of Glycans
245. Mastering Cloud Computing
246. Materials Experience
247. Materials, Design and Manufacturing for Lightweight Vehicles
248. Mathematical Statistics with Applications in R
249. Mathematics for Physical Chemistry
250. Measuring and Managing Information Risk
251. Medical Cell Biology
252. Medicinal Plants of South Asia
253. Membrane Separation Principles and Applications: from Material Selection to Mechanisms and Industrial Uses
254. Metabolomics as A Tool in Nutrition Research
255. Microbial Contamination and Food Degradation, Volume 10
256. Microencapsulation in the Food Industry
257. Microwave-Assisted Sample Preparation for Trace Element Determination
258. Migrating to the Cloud
259. MIMO Wireless Networks
260. Mindfulness-Based Treatment Approaches
261. Mobile Security and Privacy: Advances, Challenges and Future Research Directions
262. Mobility Patterns, Big Data and Transport Analytics: Tools and Applications for Modeling
263. Modeling and Simulation of Computer Networks and Systems
264. Modern Enterprise Business Intelligence and Data Management
265. Modern Inorganic Synthetic Chemistry
266. Molecular Aspects of Plant Beneficial Microbes in Agriculture
267. Molecular Biology Techniques: A Classroom Laboratory Manual
268. Molecular Microbiology Laboratory
269. Molecular Pathology
270. Motivation for Learning and Performance
271. Moving to the Cloud
272. Multicore and GPU Programming: An Integrated Approach

273. Multifunctional Polymeric Nanocomposites based on Cellulosic Reinforcements
274. Multifunctionality of Polymer Composites
275. My Life in the Golden Age of Chemistry
276. Myofascial Trigger Points
277. Nanoalloys
278. Nanochemistry
279. Nanocrystalline Materials
280. Nanolithography
281. Nanomaterials for Wastewater Remediation
282. Nanomaterials in Tissue Engineering
283. Nanomedicine
284. Nanoscience and the Environment
285. Nanosensors for Chemical and Biological Applications
286. Nanotechnology and Functional Materials for Engineers
287. Nanotechnology Applications in Food: Flavor, Stability, Nutrition and Safety
288. Nanotechnology Cookbook
289. Nanotechnology in Cancer
290. Nanotechnology: An Introduction
291. Natural Products and Drug Discovery: An Integrated Approach
292. Network and System Security
293. New and Future Developments in Catalysis: Catalysis by Nanoparticles
294. New and Future Developments in Catalysis: Catalysis for Remediation and Environmental Concerns
295. New and Future Developments in Catalysis: Hybrid Materials, Composites, and Organocatalysts
296. New and Future Developments in Catalysis: Catalytic Biomass Conversion
297. New and Future Developments in Catalysis: Solar Photocatalysis
298. Nitride Semiconductor Light-Emitting Diodes (LEDs)
299. Non-Bovine Milk and Milk Products
300. Non-Destructive Evaluation (Nde) Of Polymer Matrix Composites
301. Novel Carbon Adsorbents
302. Nutrient Delivery: Nanotechnology in the Agri-Food Industry Volume 5
303. Nutrition and Functional Foods for Healthy Aging
304. Nutritional Pathophysiology of Obesity and its Comorbidities: A Case-Study Approach
305. Object-Oriented Analysis and Design for Information Systems
306. Open Innovation in the Food and Beverage Industry
307. Optical Fiber Telecommunications VI. A
308. Optical Fiber Telecommunications. VI. B
309. Optical Thin Films and Coatings
310. Organic Chemistry
311. Organic Chemistry Concepts and Applications for Medicinal Chemistry
312. Organic Chemistry Concepts: An EFL Approach
313. Organic Chemistry of Enzyme-Catalyzed Reactions
314. Organic Chemistry Study Guide: Key Concepts, Problems, and Solutions
315. Organic Light-Emitting Diodes (OLEDs)
316. Organic Structure Determination Using 2-D NMR Spectroscopy
317. Organic Synthesis
318. Partial Differential Equations and Boundary Value Problems with Maple V
319. Peanuts: Processing Technology and Product Development
320. Penetration Tester's Open Source Toolkit
321. Performance Psychology
322. Person-Centered Communication with Older Adults
323. Pharmacology in Drug Discovery and Development Understanding Drug Response
324. Photodetectors
325. Physical Properties and Applications of Polymer Nanocomposites
326. Physicochemical and Environmental Plant Physiology
327. PIC Microcontroller Projects in C: Basic to Advanced
328. Plant Pathology
329. Plant Systematics

330. Plant Tissue Culture
331. Platform Ecosystems
332. Play Therapy Treatment Planning and Interventions
333. Polymer Electrolytes
334. Polymer Green Flame Retardants
335. Polymer-based Nanocomposites for Energy and Environmental Applications
336. Polymer-Carbon Nanotube Composites
337. Polyphenols: Properties, Recovery, and Applications
338. Porous Materials
339. Porous Silicon for Biomedical Applications
340. Positive Mental Health, Fighting Stigma and Promoting Resiliency for Children and Adolescents
341. Postharvest Biology and Technology of Tropical and Subtropical Fruits
342. Postharvest Handling: a Systems Approach
343. Postharvest Physiology and Biochemistry of Fruits and Vegetables
344. Posttraumatic Stress Disorder
345. Practical Biostatistics
346. Practical NMR Spectroscopy Laboratory Guide: Using Bruker Spectrometers
347. Practical Text Mining and Statistical Analysis for Non-Structured Text Data Applications
348. Practical Web Analytics for User Experience
349. Predictive Analytics and Data Mining
350. Preservation and Shelf Life Extension
351. Principles and Applications of Quantum Chemistry
352. Principles and Practice of Big Data: Preparing, Sharing, and Analyzing Complex Information
353. Principles of Big Data
354. Principles of Cloning
355. Principles of Molecular Virology
356. Principles of Organic Chemistry
357. Printed Films
358. Probability, Statistics and Econometrics
359. Process Modeling Style
360. Processing and Impact on Active Components in Food
361. Procrastination, Health, and Well-Being
362. Professional Penetration Testing
363. Progress in Filtration and Separation
364. Protein Byproducts: Transformation from Environmental Burden into Value-Added Products
365. Psychology and Geriatrics
366. Purification of Laboratory Chemicals
367. PVC Degradation and Stabilization
368. Python Forensics: A Workbench for Inventing and Sharing Digital Forensic Technology
369. Radiochemistry and Nuclear Chemistry
370. Rapid Sensory Profiling Techniques and Related Methods
371. Relating System Quality and Software Architecture
372. Research Methods for Cyber Security
373. Respiratory Muscle Training
374. Risk Management for Food Allergy
375. Room Temperature Organic Synthesis
376. Rules of Thumb for Chemical Engineers
377. Salami: Practical Science and Processing Technology
378. Science and Technology of Fruit Wine Production
379. Securing the Cloud
380. Securing the Internet of Things
381. Security Risk Assessment: Managing Physical and Operational Security
382. Security Risk Management
383. Semiconducting Silicon Nanowires for Biomedical Applications
384. Semiconductor Nanowires
385. Senescence Signalling and Control in Plants

386. Sensory Analysis for Food and Beverage Quality Control
387. Sensory Evaluation Practices
388. Shape Memory Alloy Engineering
389. Shape Memory Polymers for Biomedical Applications
390. Silicon Carbide Biotechnology
391. Silicon-Germanium (SiGe) Nanostructures
392. Sleep and Affect
393. Smart Cities and Homes: Key Enabling Technologies
394. Smart Polymers and Their Applications
395. Smart Textiles for Protection
396. Social Engineering Penetration Testing
397. Social Media Security
398. Social Network Analytics: Computational Research Methods and Techniques
399. Software Engineering
400. Solar Energy Desalination Technology
401. Solution Focused Anxiety Management
402. Sorghum Biochemistry: An Industrial Perspective
403. Special Relativity, Electrodynamics, and General Relativity: from Newton to Einstein
404. Spectroscopy of Polymer Nanocomposites
405. Stability of Happiness
406. Starch Polymers
407. Statistics for Physical Science
408. Statistical Aspects of the Microbiological Examination of Foods
409. Statistical Postprocessing of Ensemble Forecasts
410. Stochastic Models of Financial Mathematics
411. Stress Testing and Risk Integration in Banks: A Statistical Framework and Practical Software Guide (in MATLAB and R)
412. Studies in Natural Products Chemistry. Volume 43
413. Studies in Natural Products Chemistry (Volume 44)
414. Studies in Natural Products Chemistry (Volume 45)
415. Studies in Natural Products Chemistry (Volume 46)
416. Studies in Natural Products Chemistry (Volume 47)
417. Studies in Natural Products Chemistry. Volume 60
418. Supercritical Fluid Chromatography
419. Supercritical Fluid Technology for Energy and Environmental Applications
420. Surface Chemistry of Nanobiomaterials
421. Sustainability of the Food System
422. Sustainable Protein Sources
423. Swarm Intelligence and Bio-Inspired Computation
424. Synthesis of Best-Seller Drugs
425. Synthesis of Medicinal Agents from Plants
426. Technology Entrepreneurship
427. The Application of Green Solvents in Separation Processes
428. The Basics of Cloud Computing
429. The Basics of Digital Forensics: The Primer for Getting Started in Digital Forensics
430. The Basics of Hacking and Penetration Testing
431. The Basics of Information Security
432. The Complete Business Process Handbook
433. The Definitive Guide to ARM Cortex-M3 and Cortex-M4 Processors
434. The Definitive Guide to the ARM Cortex-M0
435. The Dissection of Vertebrates
436. The Human Body: Linking Structure and Function
437. The Microwave Processing of Foods
438. The Organic Chemistry of Drug Design and Drug Action
439. The Role of Catalysis for the Sustainable Production of Bio-Fuels and Bio-Chemicals
440. The Role of Colloidal Systems in Environmental Protection
441. The Performance of Photovoltaic (PV) Systems: Modelling, Measurement and Assessment
442. The Science and Technology of Rubber
443. The Vitamins: Fundamental Aspects in Nutrition and Health



444. Theory and Methods of Statistics
445. Theory of Simple Liquids
446. Therapeutic, Probiotic, and Unconventional Foods
447. Therapeutic Stretching
448. There's Not an App for That: Mobile User Experience Design for Life
449. Thermodynamics
450. The Role of Functional Food Security in Global Health
451. Thin Film Coatings for Biomaterials and Biomedical Applications
452. Thin Film Growth
453. Transforming Teen Behavior
454. Transition Metal Catalyzed Furans Synthesis
455. Transition Metal Catalyzed Pyrimidine, Pyrazine, Pyridazine and Triazine Synthesis
456. Treatment Planning for Person-Centered Care
457. UV-Visible Spectrophotometry of Water and Wastewater
458. Validating Preventive Food Safety and Quality Controls: An Organizational Approach to System Design and Implementation
459. Vibrational Spectroscopy Applications in Biomedical, Pharmaceutical and Food Sciences
460. Water Quality Indices
461. Web Services, Service-Oriented Architectures, and Cloud Computing
462. WEEE Recycling: Research, Development, and Policies
463. Wine Tasting: A Professional Handbook
464. Wireless Receiver Architectures and Design
465. Writing Reaction Mechanisms in Organic Chemistry
466. Women and Positive Aging