

Analisis Quimico Cuantitativo Harris 3ra Edicion

The book provides detailed descriptions, including more than 550 mathematical formulas, for more than 150 trading strategies across a host of asset classes and trading styles. These include stocks, options, fixed income, futures, ETFs, indexes, commodities, foreign exchange, convertibles, structured assets, volatility, real estate, distressed assets, cash, cryptocurrencies, weather, energy, inflation, global macro, infrastructure, and tax arbitrage. Some strategies are based on machine learning algorithms such as artificial neural networks, Bayes, and k-nearest neighbors. The book also includes source code for illustrating out-of-sample backtesting, around 2,000 bibliographic references, and more than 900 glossary, acronym and math definitions. The presentation is intended to be descriptive and pedagogical and of particular interest to finance practitioners, traders, researchers, academics, and business school and finance program students.

This book presents original research articles addressing various aspects of economics, management and optimization. The topics discussed include economics, finance, marketing, resource allocation strategies, fuzzy logic, and network-based techniques for the analysis of economics, management and mathematical optimization. Combining the input of contributing professors and researchers from various Spanish, Italian and Latin American universities, the book will be of interest to students, researchers and practitioners, as well as members of the general public interested in the world of Economics and Management.

Qualitative Methods in Public Health: A Field Guide for Applied Research, 2nd Edition provides a practical orientation to conducting effective qualitative research in the public health sphere. With thorough examination and simple explanations, this book guides you through the logic and workflow of qualitative approaches, with step-by-step guidance on every phase of the research. Students learn how to identify and make use of theoretical frameworks to guide your study, design the study to answer specific questions, and achieve their research goals. Data collection, analysis, and interpretation are given close attention as the backbone of a successful study, and expert insight on reporting and dissemination helps you get your work noticed. This second edition features new examples from global health, including case studies specifically illustrating study design, web and mobile technologies, mixed methods, and new innovations in information dissemination. Pedagogical tools have been added to help enhance your understanding of research design and implementation, and extensive appendices show you how these concepts work in practice. Qualitative research is a powerful tool for public health, but it's very easy to get it wrong. Careful study design and data management are critical, and it's important to resist drawing conclusions that the data cannot support. This book shows you how to conduct high-quality qualitative research that stands up to review.

Además de la actualización y revisión de todo el libro, esta nueva edición introduce un capítulo independiente (el 22) sobre Espectrometría de masas y otro nuevo, el capítulo 29, sobre garantía de calidad. Los temas han sido introducidos e ilustrados con ejemplos concretos de interés y extraídos del mundo real. Una sucesión de recuadros a lo largo de cada capítulo amplían y explican puntos importantes que hay en el texto. Los ejemplos resueltos están pensados como una herramienta pedagógica importante para enseñar a resolver problemas. Las hojas de cálculo siguen teniendo gran importancia. En esta edición se introducen por primera vez algunas herramientas muy útiles de Microsoft Excel, como el trazado de gráficos, las funciones estadísticas, la resolución de ecuaciones.... Existe una página web (en inglés) www.whfreeman.com/qca que contiene prácticas, cuestiones, problemas adicionales con sus soluciones, temas complementarios, las imágenes del libro en formato PowerPoint....

This print companion to MindTap General Chemistry: Atoms First presents the narrative, figures, tables and example problems—but no graded problems or assessments. Students must use MindTap to complete the interactive activities, exercises, and assignments. The atoms first organization introduces students to atoms and molecules earlier and delays math-intensive problem-solving to later in the semester. This gives students a stronger conceptual framework to help them succeed in the course. In addition, the narrative provides greater emphasis on the historical development of the atomic nature of matter and atomic structure. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

PRINCIPLES OF INSTRUMENTAL ANALYSIS is the standard for courses on the principles and applications of modern analytical instruments. In the 7th edition, authors Skoog, Holler, and Crouch infuse their popular text with updated techniques and several new Instrumental Analysis in Action case studies. Updated material enhances the book's proven approach, which places an emphasis on the fundamental principles of operation for each type of instrument, its optimal area of application, its sensitivity, its precision, and its limitations. The text also introduces students to elementary analog and digital electronics, computers, and the treatment of analytical data. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

A revised and updated English edition of a textbook based on teaching at the final year undergraduate and graduate level. It presents structure and bonding, generalizations of structural trends, crystallographic data, as well as highlights from the recent literature.

What would it be like to lose weight naturally while you're enjoying your favorite meats? Is it even possible? How long can it last if it's possible? Anyone who has ever been on a diet can tell you the one problem they all have in common - it doesn't last. If you don't have to starve yourself unnecessarily, then you have to go on long streaks of eating flavorless foods. It seems there's a consensus that every diet must deny your taste buds of their tasty pleasure before you can achieve your aim for dieting. Eventually, for some of such diets, you do achieve your aim of shedding off weight; after giving up the little joys of life. Does that mean it impossible to find a diet that can help you lose weight without making you dread your mealtimes? That is why you need to read this Carnivore Diet Cookbook. From one page to the next, it provides new and interesting insights into how you can lose weight naturally on the carnivore diet. This book features: The all-important reason the carnivore diet stands out from other diets Evidence that counting calories and monitoring the scale are counterproductive to weight loss The ultimate reason other diets are unsustainable and how you can easily adopt the carnivore diet as a lifestyle Fun and exciting ways to mix your animal-derived proteins for various meals and recipes Why exercise is not critical for weight loss in the carnivore diet The popularly neglected source of animal protein that would make all the difference in your palate and weight loss journey The carnivore diet sure generates a lot of concerns about safety and sustainability. These are the two most important questions people ask. Do you know that the carnivore diet is the only diet that has consistently sustained humanity from birth to death? There are various cultures of the world where the only food on their plate is meat and they are as functional as we are - without the diseases plaguing our carb-based culture. Ask any carnivore eater that you know. They take the testimony above with a pinch of salt. I would advise you to do the same. But when, out of curiosity or the need for adventure, they decide to try out the diet, most set a timeline of 30 days. What happens next? They switch to other diets, find out they liked the carnivore diet better and stick with it. Many of these people have stayed carnivore for years without any form of external pressure. This book provides comprehensive answers to over 20 frequently asked questions about the carnivore diet. This includes questions like; How much protein is too much? What about vegetables and fruits? Will I experience digestive problems? What about

cholesterol? Grass-Fed or Grain Fed Beef? And a whole lot more. The Carnivore Diet Cookbook contains sufficient information to help you on your weight-loss journey for the next 30 days and beyond. Buy it now to find out why the carnivore diet is the safest and best way for you to lose weight without struggle.

Food Waste Recovery: Processing Technologies and Industrial Techniques acts as a guide to recover valuable components of food by-products and recycle them inside the food chain, in an economic and sustainable way. The book investigates all the relevant recovery issues and compares different techniques to help you advance your research and develop new applications. Strong coverage of the different technologies is included, while keeping a balance between the characteristics of current conventional and emerging technologies. This is an essential reference for research outcomes. Presents a holistic methodology (the so-called "5-Stages Universal Recovery Process") and a general approach (the so-called "Universal Recovery Strategy") to ensure optimized management of the available technologies and recapture of different high added-value compounds from any waste source Includes characteristics, safety and cost issues of conventional and emerging technologies, the benefits of their application in industry, and commercialized applications of real market products Demonstrates all aspects of the recovery process such as preservation of the substrate, yield optimization, preservation of functionality of the target compounds during processing, and more Salient Features: Provided simple step by step explanations to motivate self study of the subject. Free hand sketching techniques are provided. Worksheets for free hand practice are provided. A new chapter on Computer Aided Design and Drawing (CADD) is added.

Neurological Modulation of Sleep provides readers with updated scientific reviews regarding the interaction between sleep and contributing factors, with special attention paid to the potential for neurological modulation of sleep via diet. This book expands the notion of diet and adds an element of physical activity and exercise as well as a chapter on caffeine and its effects on sleep. With 30+ international contributors, this book aims to provide readers with a unique global perspective on the role these factors plays in sleep architecture and its regulation by circadian biology and neurology. Sleep disorders have become an increasing problem plaguing more than 70 million Americans according to the American Sleep Association. There is a clear association between sleep disorder and a wide range of other human disorders –performance deficiencies, psychiatric illnesses, heart disease, obesity and more – but in spite of this there is not yet a convenient overview on the market detailing the impact of obesity, age, diabetes and diet on sleep duration and attendant health outcomes. Describes the impact of diet, caffeine and physical activity on sleep Reviews the neurology and metabolism of sleep Identifies what foods impact sleep and how Discusses the clinical use of nutraceuticals to improve sleep Celiac disease is a systemic autoimmune process and appears in genetically predisposed individuals, with a well-known cause, consisting in a permanent intolerance to gluten, a protein contained in the flour of wheat, rye, barley and oats. Worldwide celiac disease affects to 1% of the Caucasian and there is recent evidence that the disease is increasing in USA and Finland among other regions in the world. It is considered to be the most prevalent disease with a genetic predisposition. The clinical forms of presentation are varied. The classical form consisting of diarrhea, anemia and failure to thrive is still common in children, but in the adult patients the symptoms resemble the irritable bowel syndrome. Mono-symptomatic forms with extra-intestinal manifestations are frequent. Hematological, cutaneous, articular, hepatic, bone and neurological manifestations are often described. This protean presentation and the lack of awareness explain the delay in diagnosis and suggest that screening in high-risk groups is indicated. The publication of this book written mainly by Spanish and Latin-American clinicians, researchers, and teachers, demonstrates the wide interest and the involvement of different disciplines that are necessary to understand celiac disease and gluten-related pathologies, such as non-celiac gluten-sensitivity. This has a great impact in the general public and in the industry. However, the knowledge of non-celiac gluten-related pathologies remains scarce but presently in the process of being properly defined. This book also highlights the importance of recognizing non-celiac gluten-sensitivity and briefly discusses a new definition. It also provides some perspectives to take into account when studying celiac disease in China and Central America. It describes new observations in Mexico, El Salvador and Costa Rica. The psychosocial impact as studied and reported by Argentinean investigators also adds to the value of this book. Written with a multidisciplinary team, we think that this book could be of interest to a great variety of medical specialists. Due to the systemic nature and variable presentation of celiac disease it certainly is of interest to pediatricians, gastroenterologists, hepatologists, specialists in internal medicine, general practitioners as well as hematologists, immunologists, geneticists, pathologists, rheumatologists, dermatologists, neurologists, gynecologists, neurologists, psychiatrists, psychologists, orthopedic surgeons, specialists in rehabilitation medicine, endocrinologists. Being gluten the cause of these disorders, the food industry, dietitians and nutritionists will benefit from the valuable information presented in this book.

Groundwater resources naturally contain high levels of arsenic in many parts of the world. Over the last two decades, the As-containing groundwater in South-East Asia has received much attention, but the situation is just as crucial in Latin America, where the number of studies is still relatively low, and the extent and severity of As-exposure in the populations has yet to be fully evaluated. This book aims to promote knowledge of the occurrence and genesis of As-rich groundwater in Latin America. It deals with constraints on the mobility of As in groundwater, As-uptake from soil and water by plants, As-propagation through the food chain, human health impacts, and As-removal technologies. Case studies are presented from Argentina, Bolivia, Chile, Ecuador, El Salvador, Mexico, Nicaragua and Peru, amongst others, and are viewed against the background of experience from other world regions. The book is a state-of-art overview of arsenic research in Latin America. It aims to create interest within the Latin American countries affected by the presence of arseniferous aquifers and to increase awareness among administrators, policy makers and company executives. It will also serve to inform the international scientific community, and improve international cooperation on arsenic in groundwater.

Third wave keeps multidimensional perspectives Its for every human being, to read: students, teachers, Doctors, Engineers, Lawyers,sociologist, Economist,IT managers, sales personnels, and whosoever can read and understand this Bible.

Good,No Highlights,No Markup,all pages are intact, Slight Shelfwear,may have the corners slightly dented, may have slight color changes/slightly damaged spine.

Informal, effective undergraduate-level text introduces vibrational and electronic spectroscopy, presenting applications of group theory to the interpretation of UV, visible, and infrared spectra without assuming a high level of background knowledge. 200 problems with solutions. Numerous illustrations. "A uniform and consistent treatment of the subject matter." — Journal of Chemical Education.

Entre las implicaciones que supone la adaptación de las actuales titulaciones al Espacio Europeo de Educación Superior (EEES) destaca el diseño de guías docentes para las asignaturas basadas en competencias y objetivos de aprendizaje. Este hecho, afecta tanto a las metodologías de enseñanza-aprendizaje necesarias para la adquisición de dichas competencias, como al sistema de evaluación de

las mismas. Por ello, con objeto de adaptar la enseñanza en las universidades españolas a este nuevo espacio, es necesario reflexionar sobre algunas cuestiones relacionadas con los cambios metodológicos y de evaluación. El libro que se presenta supone una innovación respecto a los tradicionalmente utilizados para el estudio del "Análisis Instrumental", ya que con él se apuesta por un modelo de aprendizaje centrado en el alumno y una formación basada en competencias. De esta forma, el libro ha sido concebido para ofrecer al estudiante y al profesor materiales y recursos que permitan la enseñanza-aprendizaje de esta materia en el nuevo marco del EEES. Las actividades presentadas están encaminadas al desarrollo-evaluación de competencias genéricas especialmente valoradas en estudiantes de Grados Científico-Tecnológicos, favoreciéndose el aprendizaje autónomo por parte del mismo así como su participación activa en el desarrollo de la asignatura.

JESÚS BERNARDO MIRANDA ESQUER Doctor en Educación por la Universidad Autónoma de Sinaloa. Miembro del Instituto Internacional de Pensamiento Complejo. Director de la Revista Electrónica de Investigación Educativa Sonorense (RED-IES). Académico de la Universidad del Valle de México, campus Hermosillo. Estudioso del empleo de las TIC en educación, comprensión lectora, formación docente y ética profesional, entre otras líneas de estudio. Autor, co-autor y co-coordinador de libros, capítulos de libro y artículos científicos. ABEL LEYVA CASTELLANOS Doctor en Educación por la Universidad Autónoma de Sinaloa. Miembro de la Cátedra Itinerante de la UNESCO Edgar Morin (CIUEM). Estudioso de género y educación. Analiza los impactos regionales de la globalidad en espacios urbanos del norte de México, así como las nuevas configuraciones de los contextos sociales y la regeneración de vínculos. Miembro del Cuerpo Académico Estudios Regionales en los entornos híbridos rurales y urbanos, desde la perspectiva transdisciplinar de la Universidad Autónoma de Sinaloa. JOSÉ FRANCISCO MIRANDA ESQUER Candidato a doctor en planeación y liderazgo educativo por la Universidad del Valle de México. Miembro de la Red Latinoamericana de Metodología de las Ciencias Sociales (REDMET), de la Red de Investigación Educativa del Norte de México (REDIENM) y la Red de Investigación Educativa en Sonora (REDIES). Miembro del comité editorial de la Revista Electrónica de Investigación Educativa Sonorense (RED-IES). Académico de la Universidad del Valle de México, campus Hermosillo. Co-coordinador de libros sobre investigación educativa, autor de diversos capítulos de libro y diversos artículos científicos. Áreas temáticas: profesorado, TIC en educación y evaluación educativa.

This work pursues a novel route to functionalizing large surfaces with hybrid nanoparticles. It also casts new light on the combined use of surface plasmon resonance and X-rays. SPR spectroscopy is employed to study Au-based plasmonic nanostructures fabricated by novel methods, and a new experimental device is developed combining SPR with X-ray absorption spectroscopy at a synchrotron beamline. Using the new SPR-XAS setup developed in this work, the author has studied in-situ and real-time effects of X-ray irradiation in materials such as glasses and Co-phthalocyanines.

Dirigido a estudiantes que recién ingresan a la universidad, este libro tiene como objetivo el abordaje de situaciones problemáticas de la química y la explicitación de sus modos de resolución. Desarrolla los procesos que involucran ácidos y bases y que transcurren en todos los aspectos de la vida diaria. La propuesta didáctica, presente en el libro, recupera la metodología de aprendizaje por problemas, en tanto enriquece los modos de apropiación de la ciencia.

La obra se presenta como un libro de texto en donde de forma novedosa se combina la bioquímica clínica y la patología molecular, su objetivo es unir las alteraciones fisiopatológicas con la patología molecular, presentar las pruebas bioquímicas más adecuadas para su estudio, así como dar una visión clara del uso de dichas pruebas. La obra se divide en 10 grandes secciones en donde se repasan desde los aspectos introductorios de ambas disciplinas hasta el estudio bioquímico de las diferentes patologías que pueden afectar a los diferentes sistemas de órganos y el estudio bioquímico de la patología tumoral. Para que el texto no resulte excesivamente complicado, los autores han optado por profundizar en los diferentes aspectos metodológicos, presentando sólo aquellos que son esenciales para la interpretación analítica, que incluso se separan del texto incluyéndolos en un recuadro. Se dedican varios capítulos a las patologías metabólicas de base genética, que si bien son poco frecuentes individualmente, tienen una elevada incidencia en conjunto, ya que son la principal causa de mortalidad neonatal en nuestra sociedad. Igualmente, dichas patologías se contemplan expresamente en el Libro Blanco de las Titulaciones de Grado y Postgrado de Bioquímica y Biotecnología elaborado por la ANECA, y que sirve de base en los nuevos programas de Licenciatura que se adaptan al Espacio Europeo de Educación Superior. Es, también, especialmente remarcable que el grupo de trabajo responsable de la obra es heterogéneo en cuanto a su formación (el Dr. Monreal es profesor responsable de Análisis Biológicos en Farmacia, el Dr. González es profesor de Bioquímica Clínica en Biología y Bioquímica, la Dra. Mugueta es profesora de Bioquímica Clínica en Medicina, la Dra. Varo es profesora de Experimentación en Química Clínica en Químicas). De esa manera la obra puede dirigirse, tanto a estudiantes de Bioquímica, Farmacia, Biología, Medicina como a los residentes de Bioquímica Clínica y Análisis Clínico. La obra cuenta con una parte de contenidos en formato online, recogidos en la plataforma casos clínicos, anexos, bibliografía recomendada, esquemas complementarios, mediciones analíticas, etc. La obra se presenta como un libro de texto en donde de forma novedosa se combina la bioquímica clínica y la patología molecular, su objetivo es unir las alteraciones fisiopatológicas con la patología molecular, presentar las pruebas bioquímicas más adecuadas para su estudio, así como dar una visión clara del uso de dichas pruebas. La obra se divide en 10 grandes secciones en donde se repasan desde los aspectos introductorios de ambas disciplinas hasta el estudio bioquímico de las diferentes patologías que pueden afectar a los diferentes sistemas de órganos y el estudio bioquímico de la patología tumoral. Para que el texto no resulte excesivamente complicado, los autores han optado por profundizar en los diferentes aspectos metodológicos, presentando sólo aquellos que son esenciales para la interpretación analítica, que incluso se separan del texto incluyéndolos en un recuadro. La obra cuenta con una parte de contenidos en formato online, recogidos en la plataforma casos clínicos, anexos, bibliografía recomendada, esquemas complementarios, mediciones analíticas, etc.

Principles of Analytical Chemistry gives readers a taste of what the field is all about. Using keywords of modern analytical chemistry, it constructs an overview of the discipline, accessible to readers pursuing different scientific and technical studies. In addition to the extremely easy-to-understand presentation, practical exercises, questions, and lessons expound a large number of examples.

One of the best languages for the development of financial engineering and instrument pricing applications is C++. This book has several features that allow developers to write robust, flexible and extensible software systems. The book is an ANSI/ISO standard, fully object-oriented and interfaces with many third-party applications. It has support for templates and generic programming, massive reusability using templates (?write once?) and support for legacy C applications. In this book, author Daniel J. Duffy brings C++ to the next level by applying it to the design and implementation of classes, libraries and applications for option and derivative pricing models. He employs modern software engineering techniques to produce industrial-strength applications: Using the Standard Template Library (STL) in finance Creating your own template classes and functions Reusable data structures for vectors, matrices and tensors Classes for numerical analysis (numerical linear algebra ?) Solving the Black Scholes equations, exact and approximate solutions Implementing the Finite Difference Method in C++ Integration with the ?Gang of Four? Design Patterns Interfacing with Excel (output and Add-Ins) Financial engineering and XML Cash flow and yield curves Included with the book is a CD containing the source code in the Datasim Financial Toolkit. You can use this to get up to speed with your C++ applications by reusing existing classes and libraries. 'Unique... Let's all give a warm welcome to modern pricing tools.' -- Paul Wilmott, mathematician, author and fund manager

Nueva edición de la obra en el campo de la bioquímica clínica que año tras año se está convirtiendo en una herramienta fundamental para la toma de decisiones del clínico, ya que gran parte de ellas se basan en los datos proporcionados por el laboratorio que necesitan por una interpretación adecuada teniendo en cuenta los diferentes factores preanalíticos y analíticos que puedan influir en ellos. Uno de

las novedades más importantes de la bioquímica clínica es que ha ido incorporando progresivamente técnicas propias de la biología molecular y la proteómica. La tercera edición sigue magistralmente dirigida y coordinada por el Dr. Álvaro González Hernández, Catedrático de Bioquímica, Especialista en Bioquímica Clínica y Jefe de Servicio de Bioquímica en la Clínica Universidad de Navarra, quien en esta ocasión, ha contado con la colaboración de 24 profesionales de distintos campos afines a la bioquímica clínica (Farmacia y Nutrición, Análisis Clínicos, Genética médica y genómica) pertenecientes a distintas universidades y hospitales. Esto ha favorecido que la nueva edición proporciona una visión más amplia de la disciplina respecto a las ediciones previas. Se mantiene la estructura general de las dos ediciones anteriores, aunque con diversas modificaciones; se ha incluido un capítulo dedicado en exclusiva a la Biología Molecular y se describe la utilidad del análisis de ADN circulante en diversos contextos clínicos. También se han incorporado nuevos capítulos dedicados al análisis farmacocinético, evaluación y comparación de métodos y análisis a la cabecera del paciente. Por otra parte, con el fin de mantener la extensión del libro, se han fusionado algunos capítulos dedicados a a patología molecular. La nueva edición incluye contenido online en castellano disponible a través de SC.es en el que puede encontrarse temas correspondientes a la descripción de técnicas instrumentales, así como casos clínicos y preguntas de autoevaluación.

El ácido Gamma-Linolénico (GLA) es un ácido graso poliinsaturado (PUFA) esencial, de interés médico y farmacéutico por su acción beneficiosa en el tratamiento de numerosas patologías. Las fuentes habituales de GLA son los aceites de semilla de onagra, borraja y grosellero. En esta tesis se analizaron los aceites de 70 especies silvestres de plantas. En 30 especies del género "Echium", endémicas de las islas macaronésicas se encontraron cantidades extraordinariamente elevadas de GLA (>20%). Posteriormente se obtuvieron fracciones de alta pureza en GLA mediante concentración de PUFAs por el método de los compuestos de urea, seguido por fraccionamiento en cromatografía líquida en columna de gel de sílice y nitrato de plata, a partir de aceites de semilla de "Echium fastuosum", "Anchusa azurea" y "Scrophularia sciophila". El mejor resultado fue a partir de "A. azurea", obteniéndose fracciones de un 97% de pureza y 70% de rendimiento en GLA. Se realizaron ensayos de optimización de las condiciones de operación del método de la urea y la cromatografía líquida. Alternativamente se ensayó la purificación por HPLC. Finalmente se determinaron las relaciones quimiotáxicas en el género "Echium" basadas en el perfil de ácidos grasos mediante Análisis de Componentes Principales (PCA).

The Porphyrins, Volume III: Physical Chemistry, Part A deals with the physical chemistry of porphyrins, their precursors, catabolic derivatives, and related systems. The book covers electronic structure and spectroscopy including circular dichroism and magnetic circular dichroism as well as electronic, infrared, resonance Raman, and Zeeman spectroscopy. Porphyrin stereochemistry, X-ray crystallography, and mass spectroscopy are also included. This volume is organized into 12 chapters and begins with an overview of the optical absorption and emission spectra of porphyrins and the theory by which these facts are understood. The discussion then shifts to the electronic states of the iron porphyrin complex in various heme proteins as displayed by the light absorption properties in the visible region of the electromagnetic spectrum. The reader is methodically introduced to the electronic absorption spectra and molecular orbital theory of chlorophylls, the magnetic optical activity of porphyrins and hemoproteins, and circular dichroism studies of hemoproteins. The book also examines the mass spectra and infrared spectroscopy of porphyrins, resonance Raman scattering from metalloporphyrins and hemoproteins, and photographic essay of porphyrins and related macrocycles. It then concludes with a chapter on high-resolution Zeeman spectroscopy of metalloporphyrins. This book should be useful to inorganic, organic, physical, and biochemists interested in the physical chemistry of porphyrins.

The gold standard in analytical chemistry, Dan Harris' Quantitative Chemical Analysis provides a sound physical understanding of the principles of analytical chemistry and their applications in the disciplines.
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