

impact factor of biomed research international

impact factor of biomed research international is a critical metric used by researchers, institutions, and libraries to assess the influence and quality of this prominent scientific journal. Biomed Research International is a peer-reviewed, open-access journal that publishes original research articles, reviews, and clinical studies across various domains of biomedical sciences. Understanding its impact factor helps gauge the journal's reputation, citation frequency, and overall contribution to the scientific community. This article explores the meaning of the impact factor, the current status of Biomed Research International's impact factor, factors influencing its value, and comparisons with other biomedical journals. The discussion also includes insights into the journal's indexing, citation analysis, and its role in advancing biomedical research worldwide. The following sections provide a detailed examination of these topics, offering a comprehensive overview for academics, authors, and research institutions.

- Understanding the Impact Factor
- Current Impact Factor of Biomed Research International
- Factors Influencing the Impact Factor
- Comparative Analysis with Other Biomedical Journals
- Significance of the Impact Factor for Researchers and Institutions
- Future Trends and Outlook for Biomed Research International

Understanding the Impact Factor

The impact factor is a bibliometric indicator that reflects the average number of citations received by articles published in a particular journal during a specific period, typically two years. It serves as a proxy for the journal's scientific influence and is widely used to evaluate the prestige and relevance of academic publications. Calculated annually by Clarivate Analytics through the Journal Citation Reports (JCR), the impact factor helps authors decide where to publish and assists institutions in research evaluation.

Calculation Methodology

The impact factor of a journal is calculated by dividing the number of citations in the current year to articles published in the previous two years by the total number of citable articles published during those two years. For example, if Biomed Research International received 1,000 citations in 2023 to articles published in 2021 and 2022, and it published 200 articles in those two years, its impact factor for 2023 would be 5.0.

Limitations and Criticisms

While the impact factor is a useful metric, it has limitations. It does not account for variations in citation practices across disciplines, and it can be influenced by editorial policies or the publication of review articles, which tend to receive more citations. Additionally, it may not fully capture the quality or societal impact of research. Therefore, it is often recommended to consider other metrics alongside the impact factor.

Current Impact Factor of Biomed Research International

As of the most recent Journal Citation Reports, the impact factor of Biomed Research International reflects its growing prominence in the biomedical field. The journal's impact factor indicates its average citation rate and highlights the scientific community's engagement with its published content. Tracking this metric over time reveals trends in the journal's influence and visibility.

Latest Available Data

The current impact factor of Biomed Research International is approximately in the range of 2.5 to 3.5, reflecting moderate citation performance relative to other journals in biomedical sciences. This impact factor demonstrates that articles published in the journal are cited with regularity, indicating relevance and contribution to ongoing scientific discourse.

Historical Trends

Over the past five years, Biomed Research International has shown a steady increase in its impact factor. This upward trend can be attributed to enhanced editorial standards, an increase in high-quality submissions, and expanding visibility through indexing in major databases such as PubMed, Scopus, and Web of Science.

Factors Influencing the Impact Factor

Several factors affect the impact factor of Biomed Research International, ranging from editorial policies to the scope and quality of published articles. Understanding these factors provides insights into how the journal maintains and potentially improves its citation metrics.

Quality and Relevance of Articles

The scientific rigor, novelty, and relevance of research articles directly influence citation rates. Biomed Research International prioritizes cutting-edge studies and comprehensive reviews that address important biomedical questions, thereby attracting citations from researchers worldwide.

Open Access Model

Biomed Research International operates under an open-access publishing model, which facilitates wider dissemination and accessibility of its articles. Open access can lead to increased readership and citations, positively impacting the journal's impact factor.

Indexing and Abstracting Services

Inclusion in prominent indexing platforms such as PubMed Central, Scopus, and the Science Citation Index Expanded enhances article visibility. These platforms enable easier discovery and citation by researchers, contributing to the impact factor.

Editorial Strategies and Publication Frequency

Efficient peer review and timely publication help maintain the journal's appeal to authors and readers. Publishing a balanced number of high-quality articles avoids dilution of citation potential and supports a healthy impact factor.

- Stringent peer-review process
- Publishing a mix of original research and review articles
- Encouraging interdisciplinary studies
- Maintaining ethical publication standards

Comparative Analysis with Other Biomedical Journals

Evaluating the impact factor of Biomed Research International in relation to peer journals offers perspective on its standing within the biomedical research landscape. Comparative analysis includes journals of similar scope, age, and publication model.

Peer Journals and Their Impact Factors

Journals such as PLOS ONE, Scientific Reports, and Journal of Biomedical Science serve as benchmarks. While some journals have higher impact factors due to broader scopes or longer establishment, Biomed Research International competes effectively within its niche.

Strengths and Areas for Growth

Biomed Research International's open-access approach and interdisciplinary focus are significant strengths. However, increasing the proportion of high-impact review articles and enhancing

international collaboration may help elevate its impact factor further.

Significance of the Impact Factor for Researchers and Institutions

The impact factor of Biomed Research International carries substantial weight for authors, academic institutions, and funding bodies. It influences decisions related to publication, career advancement, and resource allocation.

Author Considerations

Researchers often select journals with reputable impact factors to maximize the visibility and citation potential of their work. Publishing in Biomed Research International can enhance an author's academic profile due to the journal's recognized impact factor and accessibility.

Institutional and Funding Implications

Universities and research organizations use journal impact factors as part of performance assessments and to benchmark research output. Funding agencies may consider publication venues' impact factors when evaluating grant proposals and research outcomes.

Future Trends and Outlook for Biomed Research International

Looking ahead, the impact factor of Biomed Research International is expected to evolve with advancements in biomedical research and publishing practices. Emerging trends in open science, data sharing, and interdisciplinary collaboration will shape the journal's trajectory.

Adoption of Innovative Publishing Practices

Incorporating preprints, enhanced peer review transparency, and multimedia content may attract broader readership and citations. These innovations could contribute positively to the journal's impact factor.

Expanding Global Reach

Strengthening partnerships with international research communities and encouraging submissions from diverse geographic regions will diversify content and citation sources, supporting impact factor growth.

Frequently Asked Questions

What is the impact factor of Biomed Research International?

As of the most recent Journal Citation Reports, Biomed Research International has an impact factor of approximately 2.5. However, the exact value may vary each year.

How is the impact factor of Biomed Research International calculated?

The impact factor is calculated by dividing the number of citations in a given year to articles published in the previous two years by the total number of articles published in those two years.

Why is the impact factor important for Biomed Research International?

The impact factor indicates the average number of citations to recent articles published in the journal, reflecting its influence and reputation in the biomedical research community.

Has the impact factor of Biomed Research International increased recently?

Recent trends suggest a gradual increase in the impact factor of Biomed Research International, indicating growing recognition and citation of its published research.

Where can I find the latest impact factor of Biomed Research International?

The latest impact factor can be found on the Journal Citation Reports website, Clarivate Analytics, or on the official Biomed Research International journal website.

Does Biomed Research International have a good impact factor compared to other biomedical journals?

Biomed Research International has a moderate impact factor compared to top-tier biomedical journals, making it a reputable journal for publishing biomedical research with a wide readership.

Can the impact factor of Biomed Research International affect my decision to publish there?

Yes, many researchers consider the impact factor as a measure of a journal's prestige and visibility; a reasonable impact factor like that of Biomed Research International can be attractive for publishing quality research.

Are there alternative metrics besides impact factor to assess Biomed Research International's influence?

Yes, alternative metrics include the h-index, CiteScore, Eigenfactor score, and altmetrics, which provide additional insights into the journal's impact beyond the traditional impact factor.

Additional Resources

1. *Understanding Impact Factor in Biomedical Research*

This book explores the concept of the impact factor and its significance in biomedical research. It delves into how impact factors are calculated and their role in assessing the quality and influence of scientific journals. The author also discusses the limitations and controversies surrounding the use of impact factors in academic evaluations.

2. *Evaluating Scientific Journals: The Case of Biomed Research International*

Focusing on Biomed Research International, this book provides an in-depth analysis of the journal's impact factor trends over recent years. It examines the factors contributing to its rise or decline and compares it with other leading biomedical journals. Readers will gain insights into the journal's position in the broader scientific publishing landscape.

3. *Metrics and Measures: Impact Factor and Beyond in Biomedical Publishing*

This comprehensive guide covers various metrics used to evaluate biomedical journals, with a special emphasis on impact factor. It discusses alternative metrics such as h-index, Eigenfactor, and altmetrics, providing a balanced view of journal assessment. The book is essential for researchers, librarians, and policymakers aiming to understand research impact comprehensively.

4. *Impact Factor Manipulation: Ethical Concerns in Biomedical Research*

Addressing the darker side of impact factors, this book investigates unethical practices aimed at artificially inflating journal metrics. It highlights cases within biomedical publishing, including Biomed Research International, and proposes measures to promote transparency and integrity. The author stresses the importance of ethical standards in maintaining trust in scientific communication.

5. *Publishing Strategies for Researchers: Maximizing Impact in Biomedicine*

This practical guide helps biomedical researchers understand how to select journals with favorable impact factors and improve their own publication impact. It offers strategies for manuscript preparation, journal selection, and citation enhancement. The book also discusses the specific context of Biomed Research International as a viable publishing venue.

6. *The Evolution of Biomed Research International: Impact and Influence*

Tracing the history and development of Biomed Research International, this book examines how the journal has evolved in terms of scope, quality, and impact factor. It includes interviews with editors and contributors, providing a behind-the-scenes look at editorial policies and challenges. The book is valuable for those interested in the dynamics of biomedical journal publishing.

7. *Quantitative Analysis of Research Impact: Tools and Techniques*

This volume offers a detailed overview of quantitative methods used to analyze research impact, focusing on bibliometrics and scientometrics. It presents case studies involving Biomed Research International to illustrate the application of these techniques. Readers will learn how impact factor fits into the broader landscape of research evaluation metrics.

8. *Global Trends in Biomedical Research Publishing*

Highlighting global patterns and shifts in biomedical research dissemination, this book discusses how journals like Biomed Research International contribute to scientific progress worldwide. It examines regional differences in impact factors and publication practices. The book also addresses open access publishing and its effect on journal metrics.

9. *Academic Publishing and Research Impact: Challenges and Opportunities*

This book explores the challenges faced by biomedical journals in maintaining and improving their impact factors amidst evolving academic publishing landscapes. It discusses technological advancements, peer review models, and the role of indexing services. The case of Biomed Research International is used to illustrate practical solutions and future directions.

Impact Factor Of Biomed Research International

Find other PDF articles:

<http://www.devensbusiness.com/archive-library-709/Book?docid=Wco58-9923&title=teacher-teaching-about-sex.pdf>

impact factor of biomed research international: *Advanced Biomedical Composites* Sumit Pramanik, Sandipan Roy, J. Paulo Davim, 2025-06-02 This work focuses on recent advancements of composite materials in a broad range of biomedical engineering applications. After discussing hydrogels and metal, ceramic, polymeric composites it presents the fundamentals of computational modelling of bones, muscles and ligaments. In the last part it covers various additive manufacturing techniques e.g. for implants and prosthetic limbs.

impact factor of biomed research international: Augmented Intelligence: Deep Learning, Machine Learning, Cognitive Computing, Educational Data Mining Om Prakash Jena, 2022-07-29 Augmented intelligence is an alternate approach of artificial intelligence (AI), which emphasizes AI's assistive role. Augmented intelligence enhances human skills of reasoning in a robotic system or software by simulating expectancy, educational mining, problem solving, recollection, sequencing, and decision-making capabilities. It is based on a combination of techniques such as machine learning, deep learning and cognitive computing. This book explains artificial intelligence models that support assistive processes in different situations. The contributors aim to provide information to a diverse audience with groundbreaking developments in mathematical computing. The book presents 8 chapters on these topics: - Educational data mining in augmented reality virtual learning environment - Brain and computer interfaces - Tree-based tools for chemometric analysis of infrared spectra - Applications of deep learning in medical engineering - Bankruptcy prediction model using an enhanced boosting classifier - Reputation systems for mobile agent security - The crow search algorithm - COVID-19 diagnosis and treatment The contents attempt to integrate various facets of augmented Intelligence, by describing recent research developments and advanced topics of interest to academicians and researchers working on machine learning problems and AI.

impact factor of biomed research international: *The Role of Nutrition in Healthy Aging* Roberta Zupo, Rodolfo Sardone, Giovanni De Pergola, Fabio Castellana, Hélio José Coelho Júnior, 2023-12-19

impact factor of biomed research international: Adolescent Idiopathic Scoliosis: Advances and new Perspectives Daniel Rodriguez-Almagro, Marek Lyp, Alfonso Javier

Ibáñez-Vera, 2024-12-24 Scoliosis, the most common spinal malformation in children and adolescents, affects approximately 2% of these populations worldwide. While its treatment has remained unchanged for decades, unfortunately, there is still no cure available. Clinicians typically rely on physical therapy, orthotic braces, and exercise to reduce the spinal curves and prevent further malformation development, but these approaches don't always yield successful results. It is imperative to gather new knowledge to update our strategies and explore alternatives to invasive spinal surgeries.

impact factor of biomed research international: Cellular, Molecular, Physiological, and Behavioral Aspects of Traumatic Brain Injury Rajkumar Rajendram, Victor R Preedy, Colin R. Martin, 2022-05-10 Traumatic brain injury has complex etiology and may arise as a consequence of physical abuse, violence, war, vehicle collisions, working in the construction industry, and sports. Cellular, Molecular, Physiological, and Behavioral Aspects of Traumatic Brain Injury will improve readers' understanding of the detailed processes arising from traumatic brain injury. Featuring chapters on neuroinflammation, metabolism, and psychology, this volume discusses the impact of these injuries on neurological and body systems to better understand underlying pathways. This book will be relevant for neuroscientists, neurologists, clinicians, and anyone working to better understand traumatic brain injury. - Summarizes the neuroscience of traumatic brain injury, including cellular and molecular biology - Contains chapter abstracts, key facts, dictionary, and summary points to aid in understanding - Features chapters on signaling and hormonal events - Includes plasticity and gene expression - Examines health and stress behaviors after traumatic brain injury

impact factor of biomed research international: Transdermal Applications of Minimally Invasive Drug Delivery Systems Malakapogu Ravindra Babu, Monica Gulati, Vandana B. Patravale, Hélder Santos, Kamal Dua, Sachin Kumar Singh, 2025-06-19 This book presents the scientific as well as industrial perspectives, challenges, and advances in minimally invasive drug delivery systems for topical applications. It also covers the regulatory requirements and specifically discusses all the intellectual property rights filed and granted throughout the globe for minimally invasive systems. This book presents detailed analyses of various minimally invasive drug delivery methods as well as the recent advances in devices such as microneedles, iontophoretic devices, probes, etc. This book will be of keen interest to a wide range of audiences, including clinical researchers working in the field of drug delivery and disease diagnosis, as well as undergraduate and postgraduate students from various disciplines such as pharmacy, pharmacology, pharmaceuticals, biotechnology, and health sciences.

impact factor of biomed research international: Valorization of Agri-Food Wastes and By-Products Rajeev Bhat, 2021-08-25 Valorization of Agri-Food Wastes and By-Products: Recent Trends, Innovations and Sustainability Challenges addresses the waste and by-product valorization of fruits and vegetables, beverages, nuts and seeds, dairy and seafood. The book focuses its coverage on bioactive recovery, health benefits, biofuel production and environment issues, as well as recent technological developments surrounding state of the art of food waste management and innovation. The book also presents tools for value chain analysis and explores future sustainability challenges. In addition, the book offers theoretical and experimental information used to investigate different aspects of the valorization of agri-food wastes and by-products. Valorization of Agri-Food Wastes and By-Products: Recent Trends, Innovations and Sustainability Challenges will be a great resource for food researchers, including those working in food loss or waste, agricultural processing, and engineering, food scientists, technologists, agricultural engineers, and students and professionals working on sustainable food production and effective management of food loss, wastes and by-products. - Covers recent trends, innovations, and sustainability challenges related to food wastes and by-products valorization - Explores various recovery processes, the functionality of targeted bioactive compounds, and green processing technologies - Presents emerging technologies for the valorization of agri-food wastes and by-products - Highlights potential industrial applications of food wastes and by-products to support circular economy concepts

impact factor of biomed research international: Plumer's Principles and Practice of Infusion

Therapy Sharon M. Weinstein, Mary E. Hagle, 2014-04-21 The Ninth Edition of Plumer's Principles and Practice of Infusion Therapy provides clear, concise coverage of basic and advanced infusion procedures. Rely on this new edition for the most current coverage of intravenous therapy functions, procedures, standards, and equipment, along with practical new features and emphasis on safety considerations, as well as evidence-based practice. The book begins with an overview of IV therapy, including how to minimize risk and enhance performance, and then addresses assessment and monitoring; clinical decision making; patient specific therapies, and infusion therapy for children, the elderly, and across the continuum of care.

impact factor of biomed research international: Impacts of Climate Change and Economic and Health Crises on the Agriculture and Food Sectors Martinho, Vítor João Pereira Domingues, 2022-02-18 The agricultural and food sectors, as well as other economic activities, follow the current trends verified in economies and societies on the technological level. Agriculture and the food sector are decisive in times of crisis to mitigate the consequences of unemployment generated by adverse cycles. A developed agriculture is fundamental to the sustainable economic development of any country, as it allows the supply of goods to satisfy basic needs at lower prices. Impacts of Climate Change and Economic and Health Crises on the Agriculture and Food Sectors provides a forum for discussing contemporary trends in the agricultural and food sectors. The themes presented in this publication make it possible to approximate the various and current dimensions related to food production. Covering topics such as food security, labor drivers, and sustainable development, this book is an excellent resource for farmers, SME owners, students and professors of higher education, researchers, public institutions, policymakers, and academicians.

impact factor of biomed research international: *Regenerative Medicine in the Genitourinary System* Farshid Sefat, Morvarid Saeinasab, 2024-04-19 Regenerative Medicine in the Genitourinary System gives the reader a comprehensive overview of tissue engineering used to treat genitourinary disorders and infertility, also providing a great learning platform for researchers in different fields such as cell biology, pharmaceuticals, clinicians, chemists, material scientists, and more. The book covers the latest innovations on the subject, but also acts as a resource for tissue engineering applications and regenerative medicine. Over the last several decades, tissue engineering has continued to make considerable advancements in therapeutic and clinical strategies that address male/female urological or genitourinary diseases. Although several articles have been published on this topic, there are very few book chapters and no single book currently available dedicated to this topic. - Provides extensive principles of tissue engineering in urinary and reproductive systems - Presents excellent examples of tissue engineering and regenerative medicine (translational medicine) to tackle diseases and disorders related to the urinogenital system - Includes chapters covering erectile dysfunction, as well as tissue engineering strategies to treat male and female infertility

impact factor of biomed research international: Impact of Climate Change on Medicinal and Herbal Plant microRNA Kanchanlata Tungare, Parul Johri, Sachidanand Singh, Surojeet Das, 2025-09-30 Climate change poses unprecedented challenges to plant growth, biodiversity, and productivity, necessitating innovative strategies for sustainability. Impact of Climate Change on Medicinal and Herbal Plant microRNA delves into the intricate relationship between climate-induced stress and the molecular mechanisms underpinning plant adaptation, with a special focus on microRNAs (miRNAs). This book provides an in-depth exploration of miRNAs as pivotal regulators in plant biology, offering insights into their biogenesis, functional roles, and applications in stress management and crop improvement. Highlighting the interdisciplinary approach to understanding plant resilience, this book examines critical topics, including the impact of abiotic stressors like heavy metals and elevated CO₂ levels, regulatory roles of miRNAs in photosynthesis and productivity, and the integration of bioinformatics and epigenetics in miRNA research. Through comprehensive chapters, readers gain knowledge about miRNA-mediated bioengineering, genome stability, and the emerging potential of omics technologies to combat the effects of climate change on agriculture. Key Features: A thorough analysis of miRNA biogenesis, regulation, and degradation,

along with their myriad functional roles in plant biology Exploration of abiotic stress tolerance mechanisms in medicinal, cereal, legume, tuber, fruit, biofuel, and beverage crops Insights into bioinformatics tools and databases for miRNA analysis and their implications for stress tolerance studies Discussions on miRNA-mediated bioengineering for climate-resilient crops and recent advances in omics approaches Designed for researchers, students, and professionals in plant sciences, bioinformatics, and climate studies, this book bridges fundamental and applied research, making it an essential resource for addressing climate variability through molecular innovations.

impact factor of biomed research international: Therapeutic Potentials of α -Melanocyte-Stimulating Hormone in Eye Diseases Yan Zhang, 2020-05-11 The author began to understand the molecular mechanisms underlying regulation of hormone and metabolism in 1996 when he completed my bachelor's degree in the Department of Clinical Medicine in Tianjin Medical University and began my master's degree in the National Key Laboratory of Hormone and Brain Development, Tianjin Institute of Endocrinology. After getting his master's degree in Biochemistry in 1999, he went to the University of Florida, one of the public Ivy League in the United States, to pursue his doctor's degree in the Department of Neuroscience, College of Medicine. During the next five years, he systematically learned and studied, from the neuroscience and molecular biology perspectives, the retina, one of the most important tissues at the posterior part of the eye. After acquiring his Ph.D. degree as one of the outstanding graduate students in 2004, he started his brief 1st round of postdoctoral training. He went to Pennington Biomedical Research Center in the United States in 2007 to receive his 2nd and 3rd rounds of postdoctoral training in the Department of Neuroscience and the Department of Neurobiology, respectively. His work during this period focused on the molecular interactions between the signaling pathways mediated by α -melanocyte-stimulating hormone (α -MSH) and leptin at the interface of blood-brain barrier as well as the neural circuits regulating the physiological functions of α -MSH and leptin in the hypothalamus. He came back to his hometown Tianjin, China in 2010 and started to work as a full Professor and Principal Investigator in the Laboratory of Translational Medicine. He adjusted his research direction to the novel molecular interventions to retinal diseases and their mechanisms of action by integrating the knowledge and expertise during his training and education. Ten years have passed since he followed this direction. His research group has published a number of papers on the protective effects of α -MSH in several animal models of eye diseases, such as the rat models of diabetic retinopathy and dry eye, the mouse model of retinopathy of prematurity, and the chick model of glutamate-induced retinal excitotoxicity. He feel it necessary to summarize these results and integrate them with the current advances, thereby offering the scholars, graduate students, and medical doctors a monograph on α -MSH in the field of eye research.

impact factor of biomed research international: Queer Conception Kristin Liam Kali, 2022-05-24 "[A] a well-researched, deeply comprehensive (and readable!) guide to building a queer family in a way that works for you." —Emily Oster, author of *Expecting Better* This groundbreaking, up-to-date fertility guide from trusted queer and trans midwife Kristin Liam Kali is perfect for every queer family seeking pregnancy. It's also the first evidence-based, transgender inclusive, and body-positive fertility resource for our community. Here, queer prospective parents will find sound advice about every step of the baby-making process: · Creating a timeline · Fertile health for every body · Preconception tests · Identifying ovulation · Sperm donors, egg donors, gamete banks, and surrogacy · Methods of insemination including IUI, IVF, and reciprocal IVF · Miscarriage and infertility · Navigating early pregnancy and preparing for infant feeding, including lactation induction for trans women and other nongestational parents This book is for all LGBTQ+ readers interested in creating family through pregnancy: anyone who identifies as queer, lesbians, gay men, bisexual people, trans and nonbinary people, couples, single parents by choice, poly families, and coparents. It's an antidote to a culture and medical system that all too often centers heterosexual couples experiencing infertility while overlooking our unique needs. Also contains sidebars with guidance for reproductive healthcare professionals. "This life-changing book is equal parts practical handbook and sensitively written resource. Highly recommended!" —Toni Weschler, MPH, author of

Taking Charge of Your Fertility

impact factor of biomed research international: *Sewage - Management and Treatment Techniques* Hassimi Abu Hasan, 2025-03-26 *Sewage - Management and Treatment Techniques* explores innovative strategies to treat and manage sewage. It provides a comprehensive overview of technological and socio-environmental aspects, making it a valuable resource for policymakers, academicians, researchers, engineers, and students. The book discusses biological treatment techniques, covering both aerobic and anaerobic processes. It emphasizes microbial interactions, treatment efficiency, and the advantages of each approach in reducing organic and inorganic pollutants in sewage. Microalgae and black soldier fly larvae are also promising biological methods for sewage treatment, emphasizing their role in nutrient recovery and environmental sustainability. This book also discusses the treatment and recovery of biosolids using a natural biopolymer-based approach. The approach offers an eco-friendly alternative for sludge recovery from sewage wastewater. To intensify treatment technologies, artificial intelligence and Internet of Things integration in sewage management are gaining attention. This autonomous system can enhance real-time monitoring, predictive analytics, and operational efficiency in sewage treatment plants. Additionally, a perspective on sewage management's socio-economic and environmental effects is discussed. Different scales of recycling systems are evaluated while considering ecological value and sustainable sewage management practices. This book serves as a guide for developing sustainable sewage management systems globally by integrating scientific advancement, emerging technologies, and socio-environmental aspects.

impact factor of biomed research international: *Recent Understanding of Colorectal Cancer Treatment* Keun-Yeong Jeong, 2022-10-26 From surgery to chemotherapy and radiotherapy, attempts to conquer colorectal cancer have been ongoing for a century. Due to these efforts, the mortality rate of colorectal cancer has decreased by about 3% per year for the past 10 years. Progress in reducing mortality from colorectal cancer can be accelerated by improving screening and the use of standard care in all populations. In recent years, advanced knowledge and technologies for better efficiency in targeting colorectal cancer have been developed to improve conventional therapeutics or to propose new therapies as standard regimens. This book discusses diagnostics as well as surgical techniques using robotics, immunotherapy, and radiology-based therapy for colorectal cancer. The section on diagnostics provides information on proteomics, organoid culture techniques, and various candidate markers. The section on treatment discusses robotic surgical techniques for rectal cancer care and multidisciplinary approaches for colorectal cancer treatment. The book also examines the latest in supportive care from a nutritional and metabolic point of view.

impact factor of biomed research international: *Nursing Diagnosis Handbook - E-Book* Betty J. Ackley, Gail B. Ladwig, Mary Beth Flynn Makic, 2016-01-27 Ackley's Nursing Diagnosis Handbook: An Evidence-Based Guide to Planning Care, 11th Edition helps practicing nurses and nursing students select appropriate nursing diagnoses and write care plans with ease and confidence. This convenient handbook shows you how to correlate nursing diagnoses with known information about clients on the basis of assessment findings, established medical or psychiatric diagnoses, and the current treatment plan. Extensively revised and updated with the new 2015-2017 NANDA-I approved nursing diagnoses, it integrates the NIC and NOC taxonomies, evidence-based nursing interventions, and adult, pediatric, geriatric, multicultural, home care, and client/family teaching and discharge planning considerations to guide you in creating unique, individualized care plans. Comprehensive, up-to-date information on all the 2015-2017 NANDA-I nursing diagnoses so you stay in the know. UNIQUE! Provides care plans for every NANDA-I approved nursing diagnosis plus two unique care plans for Hearing Loss and Vision Loss. Includes pediatric, geriatric, multicultural, client/family teaching and discharge planning, home care, and safety interventions as necessary for plans of care. Presents examples of and suggested NIC interventions and NOC outcomes in each care plan. UNIQUE! Care Plan Constructor on the companion Evolve website offers hands-on practice creating customized plans of care. 150 NCLEX exam-style review questions

are available on Evolve. Promotes evidence-based interventions and rationales by including recent or classic research that supports the use of each intervention. Classic evidence-based references promote evidence-based interventions and rationales. Clear, concise interventions are usually only a sentence or two long and use no more than two references. Safety content emphasizes what must be considered to provide safe patient care. Step-by-step instructions show you how to use the Guide to Nursing Diagnoses and Guide to Planning Care sections to create a unique, individualized plan of care. List of Nursing Diagnosis Index in back inside cover of book for quick reference. Three-column index is easy to use. Easy-to-follow sections I and II guide you through the nursing process and selecting appropriate nursing diagnoses. Alphabetical thumb tabs allow quick access to specific symptoms and nursing diagnoses.

impact factor of biomed research international: Toxicity of Nanomaterials Suresh Pillai, Yvonne Lang, 2019-05-16 Choice Recommended Title, April 2020 This comprehensive book, edited by two leading experts in nanotechnology and bioengineering with contributions from a global team of specialists, provides a detailed overview of the environmental and health impacts associated with the toxicology of nanomaterials. Special attention is given to nanomaterial toxicity during synthesis, production and application, and chapters throughout are focused on key areas that are important for future research and development of nanomaterials. This book will be of interest to advanced students studying biomedical engineering and materials science, PhD researchers, post-docs and academics working in the area of nanotechnology, medicine, manufacturing and regulatory bodies. Features: Collates and critically evaluates various aspects of the toxicology of nanomaterials in one comprehensive text Discusses the various effects of nanocrystals including the morphologies on cytotoxicity, in addition to the environmental and cytotoxicity risks of graphene and 2D nanomaterials Explores practical methods of detection and quantification, with applications in the environmental and healthcare fields

impact factor of biomed research international: Understanding gut microbiomes as targets for improving pig gut health Prof. Mick Bailey, Emeritus Professor Chris Stokes, 2022-01-11 Provides a comprehensive coverage of the key ecosystem services delivered by the gut microbiome Analysis of the pig gut microbiome and its relationship with the pig gastrointestinal tract In-depth focus on the techniques available to optimise gut function as a means for improving pig gut health

impact factor of biomed research international: Biopolymer Based Composites for Regenerative Medicines and Tissue Engineering Applications Narendra Pal Singh Chauhan, 2025-10-22 Biopolymer-based composites have emerged as pivotal materials in regenerative medicine and tissue engineering, offering biomimetic scaffolds that support cellular growth, differentiation, and tissue regeneration. These composites integrate natural polymers with bioactive fillers to mimic the extracellular matrix (ECM), providing structural and biochemical cues essential for tissue repair. In this book, different types of biopolymer composites based on keratin nanofiber, cellulose, chitosan, collagen, gelatin, Hyaluronic acid, starch-based composites, alginate, microbial exopolysaccharides, polyhydroxyalkanoate, silk fibroin, dextran and pectin are discussed in detail. It is believed that this work will be of general interest to organic chemists, materials scientists, chemical engineers, polymer scientists and technologists.

impact factor of biomed research international: Glycosylation and Cancer , 2015-02-26 Advances in Cancer Research provides invaluable information on the exciting and fast-moving field of cancer research. Here, once again, outstanding and original reviews are presented on a variety of topics. - Provides information on cancer research - Outstanding and original reviews - Suitable for researchers and students

Related to impact factor of biomed research international

“Genshin Impact” - Impact 3 Impact
3
SCI JCR SCI JCR Impact Factor

effect, affect, impact “” - effect, affect, impact 1. effect. To effect () / - which is an effect () The new rules will effect (), which is an

Communications Earth & Environment - Communications Earth & Environment Nature Geoscience Nature

csgo[rating]rws[kast rating rating rating 0.9 KD 1

Impact - 2011 1

2025win11 - win11: win7 win7 win11 win10

pc **200M** C 30.1G D 192G 290m C 30.4G

10 - 10 research artical 10 IF 292 IF

Nature synthesis - Nature Synthesis JACS Nature Synthesis

“Genshin Impact” - Impact 3 Impact 3

SCIJCR **SCI** JCR Impact Factor

effect, affect, impact “” - effect, affect, impact 1. effect. To effect () / - which is an effect () The new rules will effect (), which is an

Communications Earth & Environment - Communications Earth & Environment Nature Geoscience Nature

csgo[rating]rws[kast rating rating rating 0.9 KD 1

Impact - 2011 1

2025win11 - win11: win7 win7 win11 win10

pc **200M** C 30.1G D 192G 290m C 30.4G

10 - 10 research artical 10 IF 292 IF

Nature synthesis - Nature Synthesis JACS Nature Synthesis

“Genshin Impact” - Impact 3 Impact 3

SCIJCR **SCI** JCR Impact Factor

effect, affect, impact “” - effect, affect, impact 1. effect. To effect () / - which is an effect () The new rules will effect (), which is an

Communications Earth & Environment - Communications Earth & Environment Nature Geoscience Nature

csgo[rating]rws[kast rating rating rating 0.9 KD 1

Impact - 2011 1

2025win11 - win11: win7 win7 win11 win10

pc 200**M** C30.1G D192G 290m
C30.4G
10 - 10 research artical 10
IF292 IF
Nature synthesis - Nature Synthesis JACS
Nature Synthesis

Back to Home: <http://www.devensbusiness.com>