

impact factor journal of dairy science

impact factor journal of dairy science is a critical metric for researchers, academicians, and professionals involved in the field of dairy science and technology. It reflects the average number of citations received by articles published in the journal and serves as a key indicator of the journal's influence and prestige within the scientific community. Understanding the impact factor of the Journal of Dairy Science provides valuable insights into the quality and relevance of its published research. This article explores the significance of the impact factor, the factors influencing it, and how it compares with other journals in the dairy science domain. Additionally, it highlights the role of the Journal of Dairy Science in advancing dairy research and the implications for authors and institutions. The discussion also covers strategies for researchers aiming to publish in high-impact dairy science journals. The following sections provide a comprehensive overview of these topics.

- Understanding the Impact Factor
- Overview of the Journal of Dairy Science
- Factors Influencing the Impact Factor of the Journal of Dairy Science
- Comparison with Other Dairy Science Journals
- Significance for Researchers and Institutions
- Strategies to Publish in High-Impact Dairy Science Journals

Understanding the Impact Factor

The impact factor is a quantitative measure reflecting the yearly average number of citations to recent articles published in a particular journal. It is widely used to assess the relative importance of journals within a specific field. The impact factor journal of dairy science indicates how frequently articles from this journal are cited in other scientific works, which often correlates with the journal's reputation and perceived quality.

Calculation of Impact Factor

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. For example, the 2023

impact factor would be computed by taking citations in 2023 to articles published in 2021 and 2022, divided by the total articles published in those years. This method provides a snapshot of current influence and relevance in the academic community.

Limitations and Criticisms

While the impact factor is a valuable tool, it has limitations. It does not account for the quality of individual articles and can be influenced by citation practices, such as self-citations or review articles garnering more citations. Additionally, it may not fully reflect the impact of journals in niche areas within dairy science, where publication and citation volumes may be lower.

Overview of the Journal of Dairy Science

The Journal of Dairy Science (JDS) is one of the leading peer-reviewed journals dedicated to publishing cutting-edge research on dairy production, processing, and related fields. It encompasses a wide range of topics including animal genetics, milk chemistry, dairy microbiology, nutrition, and dairy product technology. The journal is affiliated with professional organizations and serves as an authoritative source for scientists, veterinarians, and industry professionals worldwide.

Scope and Content

JDS publishes original research articles, reviews, technical notes, and short communications that contribute to the advancement of dairy science. Its multidisciplinary approach covers topics such as:

- Dairy cattle health and management
- Milk composition and quality
- Dairy processing technologies
- Animal nutrition and feed efficiency
- Dairy product safety and microbiology

Editorial Standards and Peer Review

The journal maintains rigorous peer review processes to ensure the publication of high-quality,

scientifically sound work. Editors and reviewers are experts in various dairy science disciplines, contributing to the journal's strong reputation and its impact factor journal of dairy science.

Factors Influencing the Impact Factor of the Journal of Dairy Science

Several factors contribute to the impact factor of the Journal of Dairy Science. Understanding these elements helps clarify why it remains a top-tier publication in the field.

Quality and Relevance of Published Research

The journal's strict peer review and focus on innovative, significant research ensure that published articles are highly cited. Research that addresses pressing challenges in dairy science or introduces novel methodologies tends to attract more citations, boosting the impact factor.

Publication Frequency and Article Types

The Journal of Dairy Science publishes a high volume of articles annually, including reviews that typically receive more citations than original research. The combination of frequent issues and diverse article types positively affects citation counts.

International Collaboration and Author Diversity

JDS attracts submissions from researchers around the globe, increasing its visibility and citation potential. International collaboration often leads to broader dissemination and recognition in different research communities.

Comparison with Other Dairy Science Journals

Comparing the impact factor journal of dairy science with other journals in the dairy and animal science fields provides perspective on its standing.

Leading Competitors

Other notable journals include the International Dairy Journal, Dairy Science & Technology, and Animal Feed Science and Technology. While these journals contribute valuable research, the Journal of Dairy

Science consistently achieves a higher impact factor due to its broader scope, rigorous standards, and established reputation.

Impact Factor Rankings

Typically, JDS ranks among the top journals in agricultural and food science categories. Its impact factor surpasses many specialized dairy journals, reflecting its comprehensive coverage and influence.

Factors Affecting Comparative Impact

The differences in scope, target audience, and indexing can influence impact factor comparisons. Journals focusing on niche topics may have lower impact factors but still hold importance within their specialties.

Significance for Researchers and Institutions

The impact factor journal of dairy science holds considerable significance for researchers, academic institutions, and funding agencies.

Researcher Recognition and Career Advancement

Publishing in a high-impact journal like JDS enhances a researcher's visibility, credibility, and potential for career progression. It often plays a role in tenure decisions, grant approvals, and professional reputation.

Institutional Prestige and Funding

Universities and research bodies benefit from faculty publications in high-impact journals, which can influence institutional rankings and attract funding opportunities. The impact factor serves as an indicator of research output quality.

Influence on Dairy Industry Practices

Research published in JDS frequently informs dairy industry standards, animal health protocols, and product development. Its impact factor reflects the journal's reach beyond academia into applied science and industry innovation.

Strategies to Publish in High-Impact Dairy Science Journals

For researchers aiming to publish in journals like the Journal of Dairy Science, understanding key strategies can improve acceptance chances and citation potential.

Focus on Novelty and Relevance

Manuscripts should address significant problems or gaps in dairy science, presenting innovative approaches or findings with clear implications for the field.

Robust Experimental Design and Data Analysis

High-impact journals prioritize studies with rigorous methodology, reproducible results, and comprehensive statistical analysis to ensure scientific validity.

Clear and Concise Writing

Effective communication of complex scientific ideas through well-structured manuscripts enhances readability and peer review success.

Engaging with Current Literature

Building upon and referencing recent, relevant studies demonstrates awareness of the field and situates new research within ongoing scientific dialogues.

Collaborative Research and Networking

Collaborations with established researchers or institutions can increase the manuscript's quality, visibility, and citation prospects.

- Prioritize research questions with broad relevance
- Ensure data integrity and transparency
- Adhere strictly to journal guidelines and ethical standards
- Respond thoroughly to peer review comments

- Consider open access options for wider dissemination

Frequently Asked Questions

What is the current impact factor of the Journal of Dairy Science?

As of the latest available data in 2023, the Journal of Dairy Science has an impact factor of approximately 4.0, reflecting its influence in the field of dairy research.

How is the impact factor of the Journal of Dairy Science 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 the Journal of Dairy Science?

The impact factor indicates the journal's prestige and influence in the scientific community, helping authors decide where to publish and readers to identify authoritative sources.

How does the Journal of Dairy Science's impact factor compare to other journals in animal science?

The Journal of Dairy Science typically has a competitive impact factor within the animal science category, often ranking among the top journals focused on dairy and animal production research.

Can the impact factor of the Journal of Dairy Science affect funding and research opportunities?

Yes, publishing in high-impact journals like the Journal of Dairy Science can enhance researchers' visibility and credibility, potentially leading to better funding and collaboration opportunities.

Where can I find the official impact factor of the Journal of Dairy Science?

The official impact factor is published annually in the Journal Citation Reports (JCR) by Clarivate Analytics and can also be found on the journal's official website or publisher's page.

Has the impact factor of the Journal of Dairy Science changed significantly in recent years?

The impact factor of the Journal of Dairy Science has shown steady growth over recent years, reflecting increasing citations and the journal's expanding influence in dairy science research.

Additional Resources

1. *Advances in Dairy Science and Technology*

This book presents the latest research developments in dairy science, focusing on innovations in milk production, processing, and quality control. It covers topics such as dairy microbiology, nutrition, and animal health, providing insights from leading experts. The content is designed to support researchers and professionals aiming to enhance dairy product safety and efficiency.

2. *Dairy Cattle Nutrition and Management*

A comprehensive guide to the nutritional requirements and management practices for dairy cattle, this book explores feed formulation, digestive physiology, and lactation biology. It emphasizes sustainable farming practices and strategies to improve milk yield and quality. The text is valuable for veterinarians, nutritionists, and dairy producers.

3. *Milk Composition and Quality: A Scientific Approach*

Focusing on the biochemical and physical properties of milk, this book examines factors affecting milk composition, including genetics, diet, and environment. It also discusses quality assessment techniques and standards in the dairy industry. Readers will find detailed explanations of milk constituents and their impact on processing and product development.

4. *Dairy Microbiology and Food Safety*

This book delves into the microbial ecology of dairy products, exploring beneficial and pathogenic microorganisms. It highlights modern methods for detecting and controlling microbial contamination to ensure food safety. The text is essential for microbiologists, food safety professionals, and dairy technologists.

5. *Milk Processing and Dairy Product Technology*

Covering the principles and practices of milk processing, this book provides an overview of techniques such as pasteurization, homogenization, and fermentation. It also addresses the production of various dairy products like cheese, yogurt, and butter. The book is a practical resource for industry professionals and students in dairy technology.

6. *Dairy Animal Genetics and Breeding*

This title explores genetic improvement strategies for dairy animals to enhance milk production, disease resistance, and overall herd health. It includes discussions on modern biotechnological tools and breeding programs. Researchers and breeders will find valuable information on applying genetics to dairy farming.

7. Sustainable Dairy Farming and Environmental Impact

Focusing on the environmental challenges associated with dairy farming, this book presents sustainable practices to reduce greenhouse gas emissions, manage waste, and conserve resources. It integrates ecological principles with economic considerations for long-term farm viability. The book is aimed at farmers, policymakers, and environmental scientists.

8. Dairy Herd Health and Disease Management

This comprehensive resource covers common diseases affecting dairy cattle and strategies for prevention, diagnosis, and treatment. It also emphasizes herd health monitoring and biosecurity measures. Veterinarians and dairy producers will benefit from its practical approach to maintaining animal welfare and productivity.

9. Innovations in Dairy Product Development

Highlighting novel technologies and trends in the dairy industry, this book discusses the development of functional dairy products, including probiotics and nutraceuticals. It explores consumer preferences, regulatory issues, and market dynamics. The text is suitable for food scientists, product developers, and marketing professionals.

Impact Factor Journal Of Dairy Science

Find other PDF articles:

<https://staging.massdevelopment.com/archive-library-802/pdf?docid=cgG16-6141&title=why-are-political-endorsements-important.pdf>

impact factor journal of dairy science: Dairy Production Medicine Carlos Risco, Pedro Melendez, 2011-08-04 This comprehensive book integrates new technology and concepts that have been developed in recent years to manage dairy farms in a profitable manner. The approach to the production of livestock and quality milk is multidisciplinary, involving nutrition, reproduction, clinical medicine, genetics, pathology, epidemiology, human resource management and economics. The book is structured by the production cycle of the dairy cow covering critical points in cow management. Written and edited by highly respected experts, this book provides a thoroughly modern and up-to-date resource for all those involved in the dairy industry.

impact factor journal of dairy science: Journal of Dairy Science , 1929

impact factor journal of dairy science: Latest Scientific Findings in Ruminant Nutrition - Research for Practical Implementation , 2024-11-20 Ruminants and their derived products are essential sources of food and industrial raw materials worldwide. It is well-known that with the growth of the global population, the demand for beef and dairy products will continue to rise. Various forecasts predict further increases in this demand over the coming decades. To meet the world population's growing needs for meat and dairy, it is necessary to further enhance the efficiency and sustainability of ruminant livestock production. This book presents the latest scientific advancements in ruminant nutrition. Chapters address such topics as feeding solutions to improve the quality of animal-derived products and reduce harmful greenhouse emissions, the effects of heat stress on ruminants, the importance of animal health in ensuring the production of safe and

high-quality food raw materials, and the intersection of nutrition and the leather industry.

impact factor journal of dairy science: Food and Agricultural Biotechnology in Ethical Perspective Paul B. Thompson, 2020-11-09 This 3rd edition of Food and Agricultural Biotechnology in Ethical Perspective updates Thompson's analysis to reflect the next generation of biotechnology, including synthetic biology, gene editing and gene drives. The first two editions of this book, published as Food Biotechnology in Ethical Perspective in 1997 and 2007, were the first comprehensive philosophical studies of genetic engineering applied to food systems. The book is structured with chapter length treatments of risk in four categories: food safety, to animals, to the environment and socio-economic risks. These chapters are preceded by two chapters providing orientation to the uses of gene technology in food and agriculture, and to the goals, methods and background assumptions of technological ethics. There is also a chapter covering all four types of risk as applied to the first US technology, recombinant bovine somatotropin. The last four chapters take up 1) intellectual property debates, 2) religious, metaphysical and "intrinsic" objections to biotechnology, 3) issues in risk and trust and 4) a review of ethical issues in synthetic biology, gene editing and gene drives, the three key technologies that have emerged since the book was last revised.

impact factor journal of dairy science: *Post-harvest Handling of Flowers, 1970-1987* Jayne T. MacLean, 1988

impact factor journal of dairy science: **Bovine Somatotropin/growth Hormone, 1979-1987** Jean A. Larson, 1988

impact factor journal of dairy science: *Quick Bibliography Series* , 1976

impact factor journal of dairy science: *Chinese Dates* Dongheng Liu, Xingqian Ye, Yueming Jiang, 2016-07-06 Chinese Dates: A Traditional Functional Food delivers unique information on Chinese dates (jujubes) as typical ethical foods and traditional health-promoting foods. It conveys a better understanding of Asian food cultures and provides historical information in regard to traditional functional foods and their dietary applications. It discusses the h

impact factor journal of dairy science: Acute Phase Proteins as Early Non-Specific Biomarkers of Human and Veterinary Diseases Francisco Veas, 2011-10-10 The two volumes of Acute Phase Proteins book consist of chapters that give a large panel of fundamental and applied knowledge on one of the major elements of the inflammatory process during the acute phase response, i.e., the acute phase proteins expression and functions that regulate homeostasis. We have organized this book in two volumes - the first volume, mainly containing chapters on structure, biology and functions of APP, the second volume discussing different uses of APP as diagnostic tools in human and veterinary medicine.

impact factor journal of dairy science: *Bovine Somatotropin (bST)* Jeannine M. Kenney, 1987

impact factor journal of dairy science: **ERS Staff Report** , 1987

impact factor journal of dairy science: Issues in Applied Agriculture: 2013 Edition , 2013-06-20 Issues in Applied Agriculture / 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Grape and Wine Research. The editors have built Issues in Applied Agriculture: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Grape and Wine Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Applied Agriculture: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

impact factor journal of dairy science: Engineering Design and Technical Applications of Physical Science Chin Hua Chia, Sarani Zakaria, Ruey Shan Chen, Md. Shahariar Chowdhury, 2025-04-15 In this era of rapidly advancing technology and global challenges, it has become crucial

to adopt an integrated approach that bridges the gap between scientific principles and their practical applications. The chapters compiled in this book reflect this need for synergy and presents an eclectic selection of studies that address sustainable composite materials technology, emerging materials for sustainable energy, and environment, health, and sustainable development. The book explores innovative methods and advancements in composite materials and their applications, highlights the development of materials that contribute to sustainable energy solutions, and considers the crucial interconnections between the environment, human health, and sustainable development. A selection of case studies presents real-world examples and in-depth analyses of various sustainable development initiatives.

impact factor journal of dairy science: Handbook of Membrane Separations Anil K. Pabby, S. Ranil Wickramasinghe, Ana-Maria Sastre, 2023-12-22 The third edition of the Handbook of Membrane Separations: Chemical, Pharmaceutical, Food, and Biotechnological Applications provides a comprehensive discussion of membrane applications. Fully updated to include the latest advancements in membrane science and technology, it is a one-of-its-kind overview of the existing literature. This fully illustrated handbook is written by experts and professionals in membrane applications from around the world. Key Features: Includes entirely new chapters on organic solvent-resistant nanofiltration, membrane condensers, membrane-reactors in hydrogen production, membrane materials for haemodialysis, and integrated membrane distillation Covers the full spectrum of membrane technology and its advancements Explores membrane applications in a range of fields, from biotechnological and food processing to industrial waste management and environmental engineering This book will appeal to both newcomers to membrane science as well as engineers and scientists looking to expand their knowledge on upcoming advancements in the field.

impact factor journal of dairy science: Biotechnology Jean A. Larson, 1989

impact factor journal of dairy science: Antimicrobial growth promoters D. Barug, J. de Jong, A.K. Kies, M.W.A. Verstegen, 2023-08-28 It is widely acknowledged that the inclusion of antimicrobial growth promoters (AGPs) in the diet of livestock increases growth rate. However, many questions arise on whether the benefits outweigh the risks, or vice versa. Recent legislative developments in the European Union and USA, recommendations by the World Health Organization, initiatives taken by the food chain, and consumer concerns all point to a widespread (voluntary) removal of antibiotic feed additives for animal growth promotion. In particular, Regulation (EC) 1831/2003 lays down provisions phasing out the authorisations of AGPs in the European Union as from 1 January 2006. This book discusses how this will affect the use/non-use practice of AGPs. Attention is given to the current status and rational design of developments and strategies for animal feeding without the inclusion of AGPs. Topics covered include benefits and risks of AGPs, risk assessment, consumer concerns and demands, regulatory aspects and international developments, mode of action and innovative alternatives, and recent advances in the analysis of AGPs and related products. This book contains peer-reviewed papers presented at the international conference Antimicrobial Growth Promoters: Worldwide Ban on the Horizon?. The book is filled with valuable information on the pros and cons of use of AGPs as well as on alternative nutritional solutions. It is aimed at professionals and researchers in the feed and food industry.

impact factor journal of dairy science: Ruminant physiology K. Sejrsen, T. Hvelplund, M.O. Nielsen, 2023-08-28 This book contains key contributions to the Xth International Symposium on Ruminant Physiology. Proceedings from past ISRP symposia have had a major influence on research and teaching in animal science over the years. Without a doubt the peer-reviewed chapters in this book, written by some of the best scientists in the field, will live up to this fine tradition. The chapters cover a wide range of topics spanning from digestion and absorption to metabolism, reproduction and lactation. Advancement of knowledge within important issues related to rumen fermentation, absorption mechanisms and splanchnic metabolism is treated in nine chapters. A number of chapters address the relationship between nutrition and gene expression illustrating important progress in scientific knowledge that can be obtained by applying the molecular biology methods to the field. Several chapters address the effects of nutrition on immunology and cover

topics related to the health and welfare of production animals. In keeping with the increased attention on the relationship between food and human health, the book contains two important chapters on this topic.

impact factor journal of dairy science: Improving Animal Welfare Temple Grandin, 2020-12-08 Completely revised, updated and with four new chapters on sustainability, new technologies, precision agriculture and the future of animal welfare. This book is edited by an outstanding world expert on animal welfare, it emphasizes throughout the importance of measuring conditions that compromise welfare, such as lameness, heat stress, body condition, and bruises during transport. The book combines scientific information with practical recommendations for use on commercial operations and reviews practical information on livestock handling, euthanasia, slaughter, pain relief, and assessments of abnormal behavior.

impact factor journal of dairy science: BST-bovine Growth Hormone Jean A. Larson, 1992

impact factor journal of dairy science: Paratuberculosis Marcel A. Behr, Karen Stevenson, Vivek Kapur, 2020-09-24 Paratuberculosis, also referred to as Johne's disease, affects principally cattle, goats, sheep, buffalo, deer and other ruminants. It is common worldwide and responsible for significant economic losses in the ruminant livestock industries. A timely follow up to the first book on Paratuberculosis, this new edition is still the only comprehensive text providing both historical context and the latest developments in the field. Examining the epidemiology of paratuberculosis, the organism that causes the disease, and practical aspects of its diagnosis and control, it also addresses the link between paratuberculosis in the food chain and human health implications, including Crohn's disease.

Related to impact factor journal of dairy science

“Genshin Impact” - Impact 3 Impact

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 0.9 KD 1

Impact - 2011 1

2025 win11 - 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

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

csgoratingrwskast rating 0.9 KD 1

Impact - 2011 1

2025win11 - win11: win7 win7 win11 win10

pc200M C30.1GD192G290m C30.4G

10 - 10 research artical 10 IF292 IF

Nature synthesis - Nature Synthesis JACS Nature Synthesis

Genshin Impact - Impact 3 Impact 3

SCIJCRSCI 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

csgoratingrwskast rating 0.9 KD 1

Impact - 2011 1

2025win11 - win11: win7 win7 win11 win10

pc200M C30.1GD192G290m C30.4G

10 - 10 research artical 10 IF292 IF

Nature synthesis - Nature Synthesis JACS Nature Synthesis

Genshin Impact - Impact 3 Impact 3

SCIJCRSCI 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

csgoratingrwskast rating 0.9 KD 1

Impact - 2011 1

2025win11 - win11: win7 win7 win11 win10

pc200M C30.1GD192G290m C30.4G

10 - 10 research artical 10 IF292 IF

Nature synthesis - Nature Synthesis JACS

[illegible]

Related to impact factor journal of dairy science

Journal of Dairy Science® Journal Impact Factor increases to 4.225 (EurekAlert!3y)
Philadelphia, July 7, 2022 - According to new statistics released in Clarivate's Journal Citation Reports™, the Journal Impact Factor for the Journal of Dairy Science (JDS) increased 4.73% compared

Journal of Dairy Science® Journal Impact Factor increases to 4.225 (EurekAlert!3y)
Philadelphia, July 7, 2022 - According to new statistics released in Clarivate's Journal Citation Reports™, the Journal Impact Factor for the Journal of Dairy Science (JDS) increased 4.73% compared

Back to Home: <https://staging.massdevelopment.com>