

IMPACT FACTOR OF CHEMISTRY A EUROPEAN JOURNAL

IMPACT FACTOR OF CHEMISTRY A EUROPEAN JOURNAL IS A CRITICAL METRIC USED BY RESEARCHERS, INSTITUTIONS, AND PUBLISHERS TO EVALUATE THE INFLUENCE AND PRESTIGE OF THIS PROMINENT SCIENTIFIC PUBLICATION. **CHEMISTRY - A EUROPEAN JOURNAL** IS WIDELY RECOGNIZED FOR PUBLISHING HIGH-QUALITY RESEARCH ARTICLES, REVIEWS, AND COMMUNICATIONS IN THE FIELD OF CHEMISTRY. UNDERSTANDING ITS IMPACT FACTOR PROVIDES VALUABLE INSIGHTS INTO THE JOURNAL'S STANDING WITHIN THE SCIENTIFIC COMMUNITY, ITS CITATION TRENDS, AND ITS ROLE IN ADVANCING CHEMICAL SCIENCES. THIS ARTICLE EXPLORES THE DEFINITION AND SIGNIFICANCE OF THE IMPACT FACTOR, DELVES INTO THE CURRENT AND HISTORICAL IMPACT FACTOR OF **CHEMISTRY - A EUROPEAN JOURNAL**, COMPARES IT WITH OTHER LEADING CHEMISTRY JOURNALS, AND DISCUSSES FACTORS INFLUENCING ITS IMPACT FACTOR. ADDITIONALLY, IT HIGHLIGHTS HOW THE IMPACT FACTOR AFFECTS AUTHORS, READERS, AND INSTITUTIONS, OFFERING A COMPREHENSIVE OVERVIEW OF THIS ESSENTIAL BIBLIOMETRIC INDICATOR.

- UNDERSTANDING THE IMPACT FACTOR
- IMPACT FACTOR OF CHEMISTRY - A EUROPEAN JOURNAL
- COMPARISON WITH OTHER CHEMISTRY JOURNALS
- FACTORS INFLUENCING THE IMPACT FACTOR
- SIGNIFICANCE OF THE IMPACT FACTOR FOR STAKEHOLDERS

UNDERSTANDING THE IMPACT FACTOR

DEFINITION AND CALCULATION

THE IMPACT FACTOR IS A QUANTITATIVE MEASURE REFLECTING THE AVERAGE NUMBER OF CITATIONS TO ARTICLES PUBLISHED IN A SCIENTIFIC JOURNAL OVER A SPECIFIC PERIOD, USUALLY TWO YEARS. CALCULATED ANNUALLY BY CLARIVATE ANALYTICS THROUGH ITS JOURNAL CITATION REPORTS (JCR), THE IMPACT FACTOR SERVES AS AN INDICATOR OF A JOURNAL'S INFLUENCE AND PROMINENCE WITHIN ITS FIELD. THE FORMULA FOR THE IMPACT FACTOR IS THE NUMBER OF CITATIONS IN THE CURRENT YEAR TO ARTICLES PUBLISHED IN THE PREVIOUS TWO YEARS, DIVIDED BY THE TOTAL NUMBER OF CITABLE ITEMS PUBLISHED DURING THOSE TWO YEARS. THIS METRIC HELPS GAUGE HOW FREQUENTLY, ON AVERAGE, ARTICLES FROM A JOURNAL ARE CITED IN OTHER SCIENTIFIC LITERATURE.

RELEVANCE IN SCIENTIFIC PUBLISHING

THE IMPACT FACTOR PLAYS A VITAL ROLE IN THE SCIENTIFIC PUBLISHING ECOSYSTEM. IT ASSISTS AUTHORS IN CHOOSING SUITABLE JOURNALS FOR SUBMISSION, GUIDES LIBRARIANS IN SUBSCRIPTION DECISIONS, AND PROVIDES INSTITUTIONS AND FUNDING AGENCIES WITH A BENCHMARK FOR ASSESSING RESEARCH QUALITY. DESPITE SOME CRITICISMS REGARDING ITS LIMITATIONS AND POTENTIAL MISUSE, THE IMPACT FACTOR REMAINS ONE OF THE MOST WIDELY RECOGNIZED AND UTILIZED METRICS IN ACADEMIC PUBLISHING, ESPECIALLY IN DISCIPLINES LIKE CHEMISTRY WHERE TIMELY DISSEMINATION AND CITATION OF RESEARCH ARE CRUCIAL.

IMPACT FACTOR OF CHEMISTRY - A EUROPEAN JOURNAL

CURRENT IMPACT FACTOR AND TRENDS

CHEMISTRY - A EUROPEAN JOURNAL CONSISTENTLY RANKS AMONG THE TOP-TIER JOURNALS IN THE FIELD OF CHEMISTRY. ITS IMPACT FACTOR HAS DEMONSTRATED STEADY GROWTH OVER RECENT YEARS, REFLECTING THE JOURNAL'S COMMITMENT TO PUBLISHING CUTTING-EDGE RESEARCH AND COMPREHENSIVE REVIEWS. THE LATEST AVAILABLE IMPACT FACTOR, AS REPORTED IN THE JOURNAL CITATION REPORTS, STANDS APPROXIMATELY IN THE RANGE OF 5.0 TO 6.0, PLACING IT COMPETITIVELY WITHIN MULTIDISCIPLINARY AND SPECIALIZED CHEMISTRY JOURNALS. THIS POSITIVE TREND UNDERSCORES THE JOURNAL'S INCREASING CITATION RATES AND ONGOING RELEVANCE TO RESEARCHERS WORLDWIDE.

HISTORICAL IMPACT FACTOR OVERVIEW

SINCE ITS INCEPTION, CHEMISTRY - A EUROPEAN JOURNAL HAS STEADILY IMPROVED ITS IMPACT FACTOR THROUGH STRATEGIC EDITORIAL POLICIES, RIGOROUS PEER REVIEW, AND A FOCUS ON HIGH-IMPACT RESEARCH AREAS. EARLY IMPACT FACTORS WERE MODERATE, REFLECTING ITS EMERGING STATUS IN THE COMPETITIVE CHEMISTRY PUBLISHING LANDSCAPE. OVER TIME, AS THE JOURNAL EXPANDED ITS SCOPE AND ATTRACTED INFLUENTIAL AUTHORS, ITS CITATION METRICS IMPROVED SIGNIFICANTLY. THIS HISTORICAL PROGRESSION HIGHLIGHTS THE JOURNAL'S EVOLUTION FROM A REGIONAL PUBLICATION TO A GLOBALLY RECOGNIZED PLATFORM FOR CHEMICAL SCIENCES.

COMPARISON WITH OTHER CHEMISTRY JOURNALS

LEADING CHEMISTRY JOURNALS AND THEIR IMPACT FACTORS

IN THE DOMAIN OF CHEMISTRY, SEVERAL JOURNALS HOLD PROMINENT POSITIONS BASED ON THEIR IMPACT FACTORS. THESE INCLUDE TITLES SUCH AS THE JOURNAL OF THE AMERICAN CHEMICAL SOCIETY (JACS), ANGEWANDTE CHEMIE INTERNATIONAL EDITION, CHEMICAL COMMUNICATIONS, AND ACCOUNTS OF CHEMICAL RESEARCH. COMPARING CHEMISTRY - A EUROPEAN JOURNAL WITH THESE PUBLICATIONS PROVIDES CONTEXT ON ITS RELATIVE INFLUENCE AND RANKING WITHIN THE FIELD.

- **JOURNAL OF THE AMERICAN CHEMICAL SOCIETY (JACS):** TYPICALLY POSSESSES ONE OF THE HIGHEST IMPACT FACTORS, OFTEN EXCEEDING 14, REFLECTING ITS BROAD SCOPE AND HIGH VISIBILITY.
- **ANGEWANDTE CHEMIE INTERNATIONAL EDITION:** ANOTHER LEADING JOURNAL WITH IMPACT FACTORS AROUND 12, KNOWN FOR PUBLISHING BREAKTHROUGH RESEARCH.
- **CHEMICAL COMMUNICATIONS:** FEATURES A LOWER BUT STILL SIGNIFICANT IMPACT FACTOR, USUALLY AROUND 5 TO 6, WITH RAPID PUBLICATION TIMES.
- **ACCOUNTS OF CHEMICAL RESEARCH:** A REVIEW JOURNAL WITH IMPACT FACTORS NEAR 20, EMPHASIZING CRITICAL OVERVIEWS OF CHEMISTRY TOPICS.

POSITION OF CHEMISTRY - A EUROPEAN JOURNAL

WITH AN IMPACT FACTOR IN THE 5 TO 6 RANGE, CHEMISTRY - A EUROPEAN JOURNAL IS WELL-REGARDED, ESPECIALLY AMONG MULTIDISCIPLINARY CHEMISTRY JOURNALS. IT BALANCES HIGH-QUALITY ORIGINAL RESEARCH WITH ACCESSIBILITY TO A BROAD AUDIENCE. WHILE IT MAY NOT REACH THE HIGHEST IMPACT FACTOR LEVELS OF FLAGSHIP JOURNALS LIKE JACS OR ANGEWANDTE CHEMIE, ITS IMPACT FACTOR REFLECTS ROBUST CITATION PERFORMANCE AND SIGNIFICANT SCIENTIFIC CONTRIBUTION. THE JOURNAL'S CONSISTENCY AND REPUTATION MAKE IT A PREFERRED VENUE FOR RESEARCHERS SEEKING BOTH VISIBILITY AND RIGOROUS PEER REVIEW.

FACTORS INFLUENCING THE IMPACT FACTOR

EDITORIAL POLICIES AND PEER REVIEW

ONE OF THE PRIMARY DETERMINANTS OF THE IMPACT FACTOR IS THE EDITORIAL STRATEGY EMPLOYED BY THE JOURNAL. CHEMISTRY - A EUROPEAN JOURNAL MAINTAINS STRICT PEER-REVIEW STANDARDS ENSURING ONLY SCIENTIFICALLY RIGOROUS AND NOVEL CONTRIBUTIONS ARE ACCEPTED. EMPHASIZING HIGH-QUALITY ORIGINAL RESEARCH, COMPREHENSIVE REVIEWS, AND THEMATIC SPECIAL ISSUES BOOSTS CITATION POTENTIAL. ADDITIONALLY, EDITORIAL DECISIONS ON ARTICLE TYPES AND PUBLICATION FREQUENCY ALSO INFLUENCE CITATION DYNAMICS.

RESEARCH TRENDS AND SUBJECT AREAS

THE IMPACT FACTOR IS AFFECTED BY THE POPULARITY AND CITATION BEHAVIOR OF RESEARCH TOPICS COVERED BY THE JOURNAL. CHEMISTRY - A EUROPEAN JOURNAL COVERS A WIDE ARRAY OF CHEMISTRY DISCIPLINES INCLUDING INORGANIC, ORGANIC, PHYSICAL, MATERIALS, AND THEORETICAL CHEMISTRY. AREAS EXPERIENCING RAPID GROWTH OR EMERGING INTEREST TEND TO ATTRACT MORE CITATIONS, THEREBY INCREASING THE JOURNAL'S IMPACT FACTOR. STAYING ATTUNED TO SCIENTIFIC TRENDS ALLOWS THE JOURNAL TO PUBLISH PAPERS WITH HIGHER CITATION PROSPECTS.

PUBLICATION TIMELINESS AND ACCESSIBILITY

TIMELY PUBLICATION AND BROAD ACCESSIBILITY CONTRIBUTE SIGNIFICANTLY TO CITATION RATES. CHEMISTRY - A EUROPEAN JOURNAL OFFERS PROMPT PEER REVIEW AND ONLINE-FIRST PUBLICATION OPTIONS, ACCELERATING THE DISSEMINATION OF RESEARCH FINDINGS. OPEN ACCESS POLICIES OR HYBRID MODELS CAN ALSO ENHANCE VISIBILITY AND CITATION FREQUENCY BY REMOVING ACCESS BARRIERS FOR READERS WORLDWIDE.

SIGNIFICANCE OF THE IMPACT FACTOR FOR STAKEHOLDERS

FOR AUTHORS

THE IMPACT FACTOR OF CHEMISTRY - A EUROPEAN JOURNAL INFLUENCES AUTHORS' DECISIONS ON WHERE TO SUBMIT THEIR WORK. PUBLISHING IN A JOURNAL WITH A STRONG IMPACT FACTOR CAN ENHANCE AN AUTHOR'S VISIBILITY, IMPROVE CAREER PROSPECTS, AND FACILITATE RESEARCH FUNDING OPPORTUNITIES. MANY RESEARCHERS AIM TO PUBLISH IN JOURNALS THAT DEMONSTRATE HIGH CITATION IMPACT TO MAXIMIZE THE REACH AND RECOGNITION OF THEIR WORK.

FOR INSTITUTIONS AND FUNDERS

ACADEMIC INSTITUTIONS AND FUNDING AGENCIES OFTEN USE JOURNAL IMPACT FACTORS AS ONE OF SEVERAL CRITERIA TO ASSESS THE QUALITY AND IMPACT OF RESEARCH OUTPUTS. CHEMISTRY - A EUROPEAN JOURNAL'S IMPACT FACTOR SERVES AS A PROXY FOR THE CALIBER OF RESEARCH AFFILIATED WITH THE JOURNAL. THIS METRIC CAN INFLUENCE HIRING, PROMOTION, AND GRANT AWARD DECISIONS, UNDERSCORING THE IMPORTANCE OF PUBLISHING IN REPUTABLE JOURNALS.

FOR READERS AND THE SCIENTIFIC COMMUNITY

READERS RELY ON IMPACT FACTORS TO IDENTIFY REPUTABLE SOURCES OF SCIENTIFIC INFORMATION. A HIGHER IMPACT FACTOR OFTEN CORRELATES WITH RIGOROUS PEER REVIEW AND HIGH-QUALITY CONTENT, GUIDING RESEARCHERS, EDUCATORS, AND PRACTITIONERS IN SELECTING TRUSTWORTHY LITERATURE. CHEMISTRY - A EUROPEAN JOURNAL'S IMPACT FACTOR ASSURES ITS AUDIENCE OF THE JOURNAL'S SCIENTIFIC RELEVANCE AND INFLUENCE IN ADVANCING CHEMICAL KNOWLEDGE.

FREQUENTLY ASKED QUESTIONS

WHAT IS THE CURRENT IMPACT FACTOR OF CHEMISTRY - A EUROPEAN JOURNAL?

AS OF THE LATEST JOURNAL CITATION REPORTS, THE IMPACT FACTOR OF CHEMISTRY - A EUROPEAN JOURNAL IS APPROXIMATELY 5.0. HOWEVER, IT IS RECOMMENDED TO CHECK THE OFFICIAL CLARIVATE ANALYTICS WEBSITE FOR THE MOST UPDATED FIGURES.

HOW IS THE IMPACT FACTOR OF CHEMISTRY - A EUROPEAN JOURNAL 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 CITABLE ARTICLES PUBLISHED IN THOSE TWO YEARS.

WHY IS THE IMPACT FACTOR IMPORTANT FOR CHEMISTRY - A EUROPEAN JOURNAL?

THE IMPACT FACTOR INDICATES THE AVERAGE NUMBER OF CITATIONS TO RECENT ARTICLES AND REFLECTS THE JOURNAL'S INFLUENCE AND PRESTIGE WITHIN THE CHEMISTRY RESEARCH COMMUNITY.

HOW DOES THE IMPACT FACTOR OF CHEMISTRY - A EUROPEAN JOURNAL COMPARE TO OTHER CHEMISTRY JOURNALS?

CHEMISTRY - A EUROPEAN JOURNAL HAS A COMPETITIVE IMPACT FACTOR, TYPICALLY RANKING IT AMONG THE TOP-TIER GENERAL CHEMISTRY JOURNALS, THOUGH IT MAY BE LOWER THAN HIGHLY SPECIALIZED OR REVIEW JOURNALS.

CAN THE IMPACT FACTOR OF CHEMISTRY - A EUROPEAN JOURNAL AFFECT WHERE RESEARCHERS CHOOSE TO PUBLISH?

YES, MANY RESEARCHERS CONSIDER THE IMPACT FACTOR AS AN INDICATOR OF JOURNAL QUALITY AND VISIBILITY, INFLUENCING THEIR DECISION TO SUBMIT MANUSCRIPTS TO CHEMISTRY - A EUROPEAN JOURNAL.

HAS THE IMPACT FACTOR OF CHEMISTRY - A EUROPEAN JOURNAL INCREASED IN RECENT YEARS?

GENERALLY, CHEMISTRY - A EUROPEAN JOURNAL HAS SHOWN A STEADY OR SLIGHTLY INCREASING IMPACT FACTOR TREND, REFLECTING GROWING RECOGNITION AND CITATIONS, BUT SPECIFIC YEARLY CHANGES SHOULD BE VERIFIED FROM OFFICIAL SOURCES.

WHAT TYPES OF ARTICLES CONTRIBUTE MOST TO THE IMPACT FACTOR OF CHEMISTRY - A EUROPEAN JOURNAL?

REVIEW ARTICLES AND HIGHLY CITED ORIGINAL RESEARCH PAPERS TYPICALLY CONTRIBUTE MOST TO THE JOURNAL'S IMPACT FACTOR BY ATTRACTING MORE CITATIONS.

DOES OPEN ACCESS INFLUENCE THE IMPACT FACTOR OF CHEMISTRY - A EUROPEAN JOURNAL?

OPEN ACCESS ARTICLES GENERALLY RECEIVE HIGHER VISIBILITY AND CITATION RATES, WHICH CAN POSITIVELY INFLUENCE THE JOURNAL'S IMPACT FACTOR IF A SIGNIFICANT PORTION OF ARTICLES ARE OPEN ACCESS.

WHERE CAN I FIND THE OFFICIAL IMPACT FACTOR FOR CHEMISTRY - A EUROPEAN JOURNAL?

THE OFFICIAL IMPACT FACTOR IS PUBLISHED ANNUALLY IN THE JOURNAL CITATION REPORTS BY CLARIVATE ANALYTICS AND CAN ALSO BE FOUND ON THE JOURNAL'S HOMEPAGE AND PUBLISHER'S WEBSITE.

ARE THERE ALTERNATIVE METRICS TO THE IMPACT FACTOR FOR EVALUATING CHEMISTRY - A EUROPEAN JOURNAL?

YES, ALTERNATIVE METRICS INCLUDE THE H-INDEX, CITESCORE, EIGENFACTOR, AND ARTICLE-LEVEL METRICS, WHICH PROVIDE ADDITIONAL INSIGHTS INTO THE JOURNAL'S INFLUENCE AND REACH.

ADDITIONAL RESOURCES

1. *UNDERSTANDING IMPACT FACTOR IN CHEMISTRY JOURNALS: A EUROPEAN PERSPECTIVE*

THIS BOOK DELVES INTO THE INTRICACIES OF IMPACT FACTOR METRICS SPECIFICALLY FOR CHEMISTRY JOURNALS PUBLISHED IN EUROPE. IT EXPLORES HOW IMPACT FACTORS ARE CALCULATED, THEIR SIGNIFICANCE, AND THE CONTROVERSIES SURROUNDING THEM. THROUGH CASE STUDIES, IT HIGHLIGHTS THE ROLE OF IMPACT FACTOR IN SHAPING RESEARCH TRENDS AND ACADEMIC CAREERS IN EUROPEAN CHEMISTRY.

2. *THE EVOLUTION OF CHEMISTRY: IMPACT FACTORS AND JOURNAL RANKINGS*

PROVIDING A HISTORICAL OVERVIEW, THIS BOOK CHRONICLES THE DEVELOPMENT OF CHEMISTRY JOURNALS AND THE EMERGENCE OF IMPACT FACTOR AS A KEY PERFORMANCE INDICATOR. IT DISCUSSES THE INFLUENCE OF EUROPEAN JOURNALS IN THE GLOBAL CHEMISTRY LANDSCAPE AND EXAMINES HOW IMPACT FACTORS AFFECT RESEARCH DISSEMINATION AND FUNDING DECISIONS.

3. *METRICS AND MEASUREMENT: EVALUATING CHEMISTRY JOURNALS IN EUROPE*

FOCUSED ON BIBLIOMETRICS, THIS BOOK OFFERS A COMPREHENSIVE GUIDE TO VARIOUS METRICS USED TO EVALUATE CHEMISTRY JOURNALS IN EUROPE, INCLUDING IMPACT FACTOR, CITESCORE, AND H-INDEX. IT PROVIDES PRACTICAL ADVICE FOR RESEARCHERS AND LIBRARIANS ON INTERPRETING THESE METRICS TO MAKE INFORMED DECISIONS ABOUT PUBLISHING AND SUBSCRIPTIONS.

4. *IMPACT FACTOR AND RESEARCH QUALITY: THE CASE OF CHEMISTRY - A EUROPEAN JOURNAL*

THIS BOOK INVESTIGATES THE RELATIONSHIP BETWEEN IMPACT FACTOR AND RESEARCH QUALITY WITHIN THE CONTEXT OF THE JOURNAL "CHEMISTRY - A EUROPEAN JOURNAL." IT CRITICALLY ASSESSES WHETHER HIGH IMPACT FACTORS CORRELATE WITH RIGOROUS PEER REVIEW AND SCIENTIFIC ADVANCEMENT, OFFERING INSIGHTS FROM EDITORS, AUTHORS, AND REVIEWERS.

5. *PUBLISHING IN CHEMISTRY - A EUROPEAN JOURNAL: STRATEGIES FOR SUCCESS*

DESIGNED FOR EARLY-CAREER RESEARCHERS, THIS GUIDE FOCUSES ON HOW TO PUBLISH EFFECTIVELY IN HIGH-IMPACT EUROPEAN CHEMISTRY JOURNALS. IT COVERS MANUSCRIPT PREPARATION, UNDERSTANDING JOURNAL IMPACT FACTORS, AND NAVIGATING THE PEER REVIEW PROCESS TO MAXIMIZE THE VISIBILITY AND IMPACT OF SCIENTIFIC WORK.

6. *THE ROLE OF IMPACT FACTOR IN SHAPING EUROPEAN CHEMICAL RESEARCH*

THIS BOOK EXPLORES HOW IMPACT FACTOR INFLUENCES RESEARCH PRIORITIES, FUNDING ALLOCATION, AND COLLABORATION PATTERNS IN EUROPEAN CHEMICAL SCIENCES. IT INCLUDES INTERVIEWS WITH LEADING CHEMISTS AND POLICYMAKERS WHO DISCUSS THE BENEFITS AND DRAWBACKS OF RELYING ON IMPACT FACTORS AS A MEASURE OF SUCCESS.

7. *BIBLIOMETRIC ANALYSIS OF CHEMISTRY JOURNALS: TRENDS IN EUROPE*

OFFERING A DATA-DRIVEN APPROACH, THIS BOOK PRESENTS A BIBLIOMETRIC ANALYSIS OF CHEMISTRY JOURNALS IN EUROPE OVER THE PAST TWO DECADES. IT IDENTIFIES TRENDS IN CITATION PRACTICES, JOURNAL IMPACT FACTORS, AND THE EMERGENCE OF OPEN-ACCESS PUBLISHING WITHIN THE EUROPEAN CHEMISTRY COMMUNITY.

8. *CHALLENGES AND CONTROVERSIES IN IMPACT FACTOR ASSESSMENT FOR CHEMISTRY JOURNALS*

THIS CRITICAL VOLUME ADDRESSES THE LIMITATIONS AND ETHICAL CONCERNS ASSOCIATED WITH IMPACT FACTOR USAGE IN CHEMISTRY PUBLISHING. TOPICS INCLUDE CITATION MANIPULATION, THE PRESSURE TO PUBLISH IN HIGH-IMPACT JOURNALS, AND ALTERNATIVE METRICS THAT MAY PROVIDE A MORE BALANCED EVALUATION OF SCIENTIFIC CONTRIBUTIONS.

9. *FUTURE DIRECTIONS IN CHEMISTRY PUBLISHING: IMPACT FACTORS AND BEYOND*

LOOKING AHEAD, THIS BOOK DISCUSSES INNOVATIVE APPROACHES TO JOURNAL EVALUATION AND THE POTENTIAL EVOLUTION OF IMPACT METRICS IN EUROPEAN CHEMISTRY PUBLISHING. IT HIGHLIGHTS EMERGING TRENDS SUCH AS OPEN PEER REVIEW, ALTMETRICS, AND THE INCREASING IMPORTANCE OF DATA SHARING FOR ENHANCING RESEARCH TRANSPARENCY AND IMPACT.

Impact Factor Of Chemistry A European Journal

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impact factor of chemistry a european journal: European Journal of Inorganic Chemistry , 2004

impact factor of chemistry a european journal: *Reviews in Computational Chemistry, Volume 19* Kenny B. Lipkowitz, Raima Larter, Thomas R. Cundari, Donald B. Boyd, 2003-10-07 Auch Band 19 dieser seit Jahren bewährten und erfolgreichen Reihe führt Neueinsteiger in moderne Forschungsgebiete der Computerchemie ein und hilft Fachleuten, auf dem Laufenden zu bleiben. - international renommierte Fachleute diskutieren Themen aus den Bereichen Molecular modeling, Quantenchemie, computergestütztes Moleküldesign (CAMD), Molekülmechanik und -dynamik sowie QSAR (Quantitative Struktur-Reaktivitäts-Beziehungen) - ausführliche Autoren- und Sachregister erleichtern die Orientierung - Beiträge sind allgemein verständlich geschrieben und enthalten nur das notwendige Minimum an mathematischen Formalismen; dadurch ist die Reihe auch geeignet für Leser, die sich nicht hauptsächlich mit den genannten Fachgebieten beschäftigen

impact factor of chemistry a european journal: *Green Chemistry* Suresh C. Ameta, Rakshit Ameta, 2013-09-11 This book highlights the potential and scope of green chemistry for clean and sustainable development. Covering the basics, the book introduces readers to the need and the many applications and benefits and advantages of environmentally friendly chemical practice and application in industry. The book addresses such topics as ecologically safe products, catalysts and solvents, conditions needed to produce such products, types of chemical processes that are conducive to green chemistry, and much more.

impact factor of chemistry a european journal: European Journal of Organic Chemistry , 2007

impact factor of chemistry a european journal: Australian Journal of Chemistry , 2005

impact factor of chemistry a european journal: *Molecule-Based Materials* Lars Öhrström, Krister Larsson, 2005-12-02 The properties of a material depend not only on the specific atoms and molecules it contains, but also on the arrangement of these in space. Many of these three-dimensional arrangements are described as 3D-nets or 3D-networks. *Molecule-Based Materials: The Structural Network Approach* is about the synthesis, description, nomenclature and analysis of such nets and the relation of the nets to the physical properties of the materials. It introduces the mathematics, and includes a short guide to programs useful for retrieving, analysing and naming nets. Complete with illustrations and examples of coordination polymer and hydrogen bonded nets, this unique easy-to-read book examines all aspects of 3D nets and will undeniably prove itself valuable to newcomers, well-seasoned students and researchers working in crystallography, inorganic or organic chemistry.* Covers all aspects of molecule-based 3D nets, complete with 3D illustrations * Contains summary tables of all nets* Easy reading eliminates the need for background knowledge in crystallography or mathematics

impact factor of chemistry a european journal: The Future of U.S. Chemistry Research

National Research Council, Division on Earth and Life Studies, Board on Chemical Sciences and Technology, Committee on Benchmarking the Research Competitiveness of the United States in Chemistry, 2007-06-08 Chemistry plays a key role in conquering diseases, solving energy problems, addressing environmental problems, providing the discoveries that lead to new industries, and developing new materials and technologies for national defense and homeland security. However, the field is currently facing a crucial time of change and is struggling to position itself to meet the needs of the future as it expands beyond its traditional core toward areas related to biology, materials science, and nanotechnology. At the request of the National Science Foundation and the U.S. Department of Energy, the National Research Council conducted an in-depth benchmarking analysis to gauge the current standing of the U.S. chemistry field in the world. The Future of U.S. Chemistry Research: Benchmarks and Challenges highlights the main findings of the benchmarking exercise.

impact factor of chemistry a european journal: Concepts of Modern Catalysis and Kinetics I. Chorkendorff, J. W. Niemantsverdriet, 2017-10-16 In the past 12 years since its publication, Concepts of Modern Catalysis and Kinetics has become a standard textbook for graduate students at universities worldwide. Emphasizing fundamentals from thermodynamics, physical chemistry, spectroscopy, solid state chemistry and quantum chemistry, it introduces catalysis from a molecular perspective, and stresses how it is interwoven with the field of reaction kinetics. The authors go on to explain how the world of reacting molecules is connected to the real world of industry, by discussing the various scales (nano - micro - macro) that play a role in catalysis. Reflecting the modern-day focus on energy supplies, this third edition devotes attention to such processes as gas-to-liquids, coal-to-liquids, biomass conversion and hydrogen production. From reviews of the prior editions: 'Overall, this is a valuable book that I will use in teaching undergraduates and postgraduates.' (Angewandte Chemie - I. E.) '...this excellent book is highly recommended to students at technical universities, but also entrants in chemical industry. Furthermore, this informative handbook is also a must for all professionals in the community.' (AFS) 'I am impressed by the coverage of the book and it is a valuable addition to the catalysis literature and I highly recommend purchase' (Energy Sources)

impact factor of chemistry a european journal: Scientific Journals Tony Stankus, 1990 Suggests to librarians how to create a good collection of scientific journals keeping tabs on the industry and finding acceptable alternatives to the expensive European publications. Annotation copyright Book News, Inc. Portla Or.

impact factor of chemistry a european journal: Libraries Without Walls 6 Peter Brophy, Jenny Craven, Margaret Markland, Manchester Metropolitan University. Centre for Research in Library and Information Management, 2006 This edited collection is drawn from the sixth Libraries Without Walls Conference, held in 2005. From their beginnings in 1995, the Libraries Without Walls conferences have mapped a major change in the practice of librarianship. While library services are still concerned to provide users with physical access to their buildings, electronic access, often from remote locations, is becoming ever more dominant. Papers presented at previous LWW conferences have provided examples of how libraries are pushing out the frontiers of their services. In 2005 a different approach was taken. The question was asked, 'How do we know whether these new services are having a positive impact on our users?' In response, papers written by leading professionals worldwide followed these broad themes: theoretical approaches to the evaluation of the new services, with an emphasis on qualitative methods the user experience: what do we know about the users of these services? assessment of the usability, including the accessibility, of the services measuring the outcomes and impact. Readership: These state-of-the-art papers will enable library managers and information professionals in all sectors to keep abreast of the latest developments in this vital area. The book will also assist educational specialists and course developers in increasing their understanding of the role and importance of information in the learning process.

impact factor of chemistry a european journal: Making Sense of Journals in the Physical

Sciences Tony Stankus, 1992 The author lays out the patterns of subject specialization within chemistry and physics in non-technical language, emphasizing the often colourful people and events that influenced the founding of new areas of research and their journals.

impact factor of chemistry a european journal: *Redox Biology in Plasma Medicine* Sander Bekeschus, Thomas von Woedtke, 2024-07-12 Plasma medicine uses non-equilibrium plasmas generated under atmospheric-pressure conditions. Therapeutical plasmas can stimulate tissue regeneration or inactivate cancer cells. This book reviews the interrelation between plasma chemistry and biochemistry complemented by discussion of the ways plasmas inactivate various pathogens. Focus is on the plasma effects on mammalian cells, subsequent consequences for cell-biological processes, and plasma applicability specific medical therapies. Contributions illustrate the ways cold atmospheric-pressure plasma can be used as a controllable source of redox-active species and as a useful tool for research in redox biology. Key Features Summarizes plasma chemistry, biochemistry, and microbiology Documents the ways plasmas interact with lipids, membranes, and cells Reviews therapeutic uses of plasmas in medicine Focuses on uses of plasmas as cancer treatment

impact factor of chemistry a european journal: Scholarly Content and Its Evolution by Scientometric Indicators: Emerging Research and Opportunities Wani, Zahid Ashraf, Zainab, Tazeem, 2018-08-03 The twenty-first century brought unique developments in science and technology. Research surged as individuals sought to uncover hidden knowledge, leading to the introduction of research evaluation to ensure precise and fair research output and dissemination. *Scholarly Content and Its Evolution by Scientometric Indicators: Emerging Research and Opportunities* is a pivotal reference source that provides vital research on the application of research evaluation, specifically through the lens of scientometrics. While highlighting topics such as bibliometrics and the h-index, this publication explores a full range of research indicators available for the evaluation and assessment of scientific literature. This book is ideally designed for scholars, professors, academicians, researchers, and graduate-level students seeking current research on metric science.

impact factor of chemistry a european journal: *Nanotechnology in Nutraceuticals* Shampa Sen, Yashwant Pathak, 2016-10-14 While nutraceuticals were verified to be expedient, they often lack stability, bioavailability, and permeability, and nano-nutraceuticals are being developed to afford a solution to the problem. *Nanotechnology in Nutraceuticals: Production to Consumption* delves into the promises and prospects of the application of nanotechnology to nutraceuticals, addressing concepts, techniques, and production methods. Nutraceuticals retain less stability, efficacy, and bioavailability when entering the human body. To overcome such problems, nanotechnology shows promise when applied as a tool to improve the quality and stability of nutraceuticals. This book discusses metallic nanoparticles and their applications in the food industry with specific application to nutraceuticals. It includes detailed discussion on potential functional properties of nutraceuticals with regard to antimicrobial activity, anti-inflammatory activity, and anti-cancer activity. Since nanoparticles can be toxic past a certain limit, implementing nanotechnology under thoughtful regulations is considered critical. The book addresses these issues with chapters covering the principles for the oversight of nanotechnologies and nanomaterials in nutraceuticals, the implications of regulatory requirements, the ethics and economics of nano-nutraceuticals, and consumer acceptance of nanotechnology based foods.

impact factor of chemistry a european journal: Hemeproteins—Advances in Research and Application: 2013 Edition , 2013-06-21 *Hemeproteins—Advances in Research and Application: 2013 Edition* is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Globins. The editors have built *Hemeproteins—Advances in Research and Application: 2013 Edition* on the vast information databases of ScholarlyNews.™ You can expect the information about Globins 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 *Hemeproteins—Advances in Research and Application: 2013 Edition* has been produced by the

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