

DE GRUYTER

User Guide

<KERIS 대학라이선스 e-Journal Complete Collection>



Tel. 02-2038-8519 www.jrmkorea.co.kr

<KERIS 대학 라이선스 De Gruyter e-Journal Complete Collection 소개>

▶ 출판사 소개

- 1749년 독일에서 설립
- 매년 1,300여 종 이상의 신간 타이틀, 360여 종의 저널, 550여 종의 Open Access 저널과 50여 개의 데이터베이스를 포함하여 다양한 Digital Products 출판

▶ Complete Journal Collection 소개

- 인문사회과학 HSS Collection과 과학기술의학 STM Collection을 모두 제공
- 제공 종 수: 346종
- 커버리지: HSS 1995년 ~ Current / STM 2000년 ~ Current
- 엠바고 없음

<KERIS 대학 라이선스 De Gruyter e-Journal Complete Collection 소개>

• HSS 분야 주요 저널

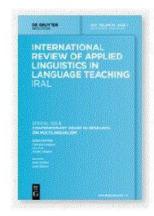
-법학-





-언어학-





-종교학-





-철학-





<KERIS 대학 라이선스 De Gruyter e-Journal Complete Collection 소개>

• STM 분야 주요 저널

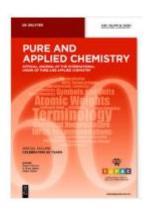
-수학-

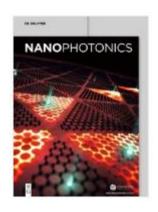
-화학-

-물리학-

-의학-







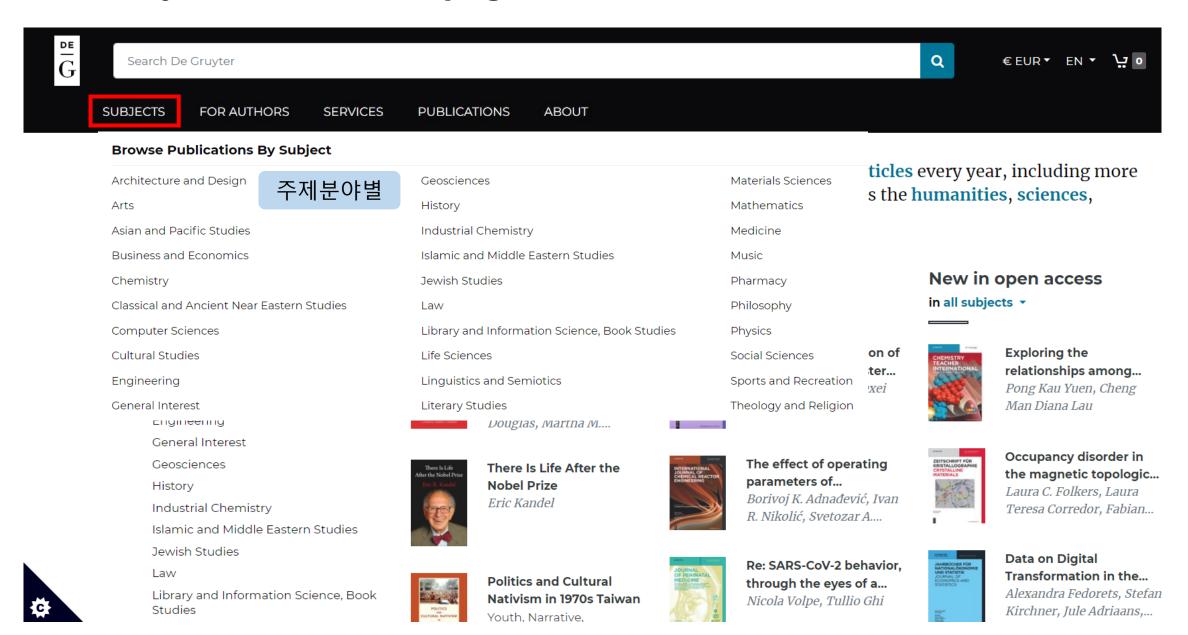


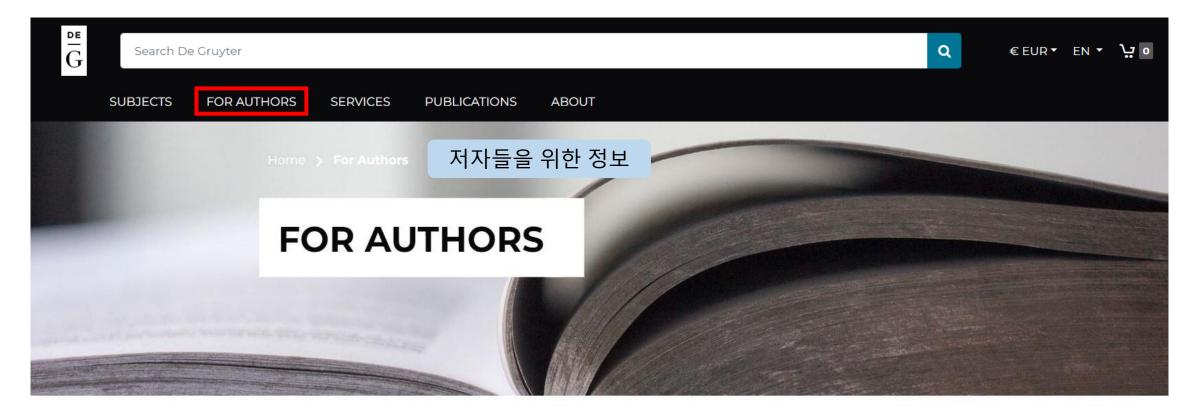








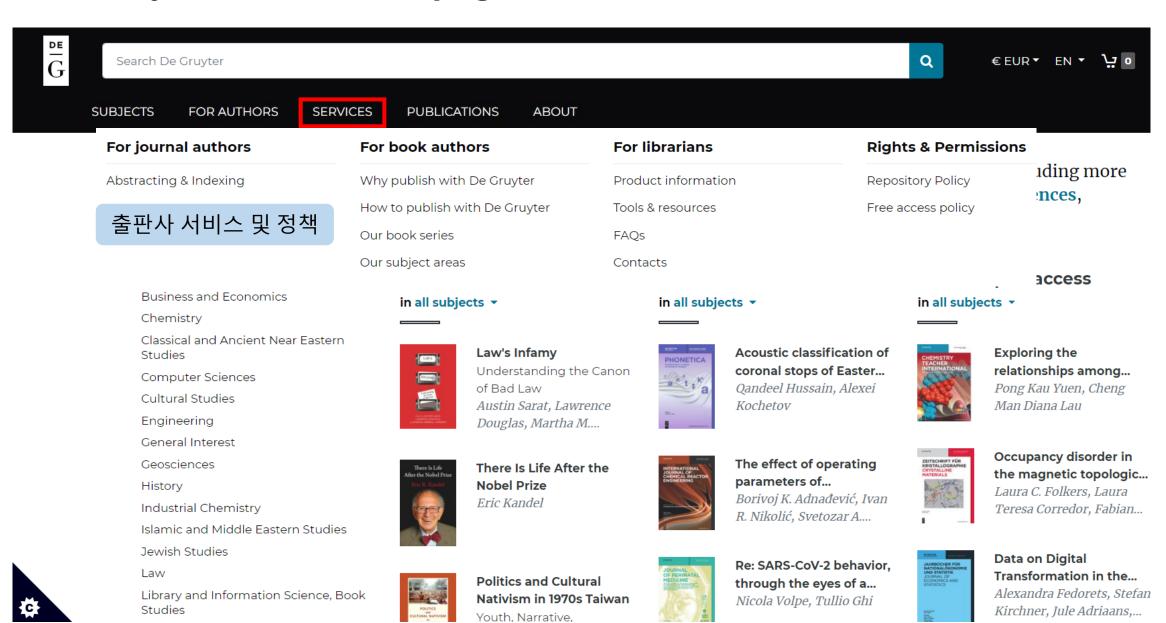


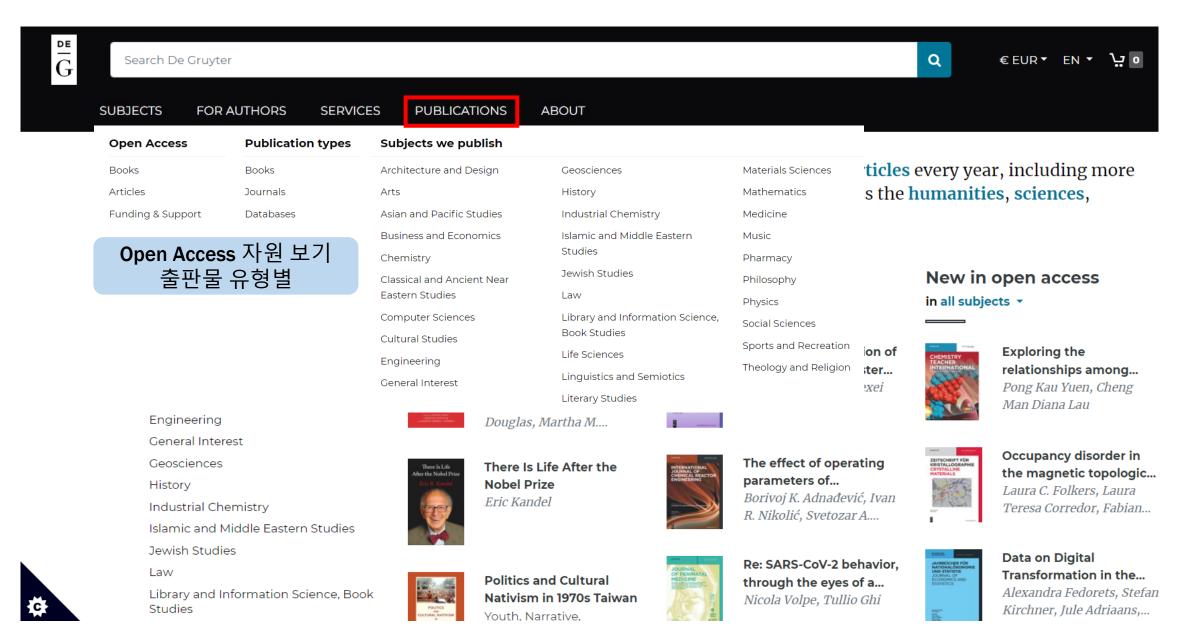


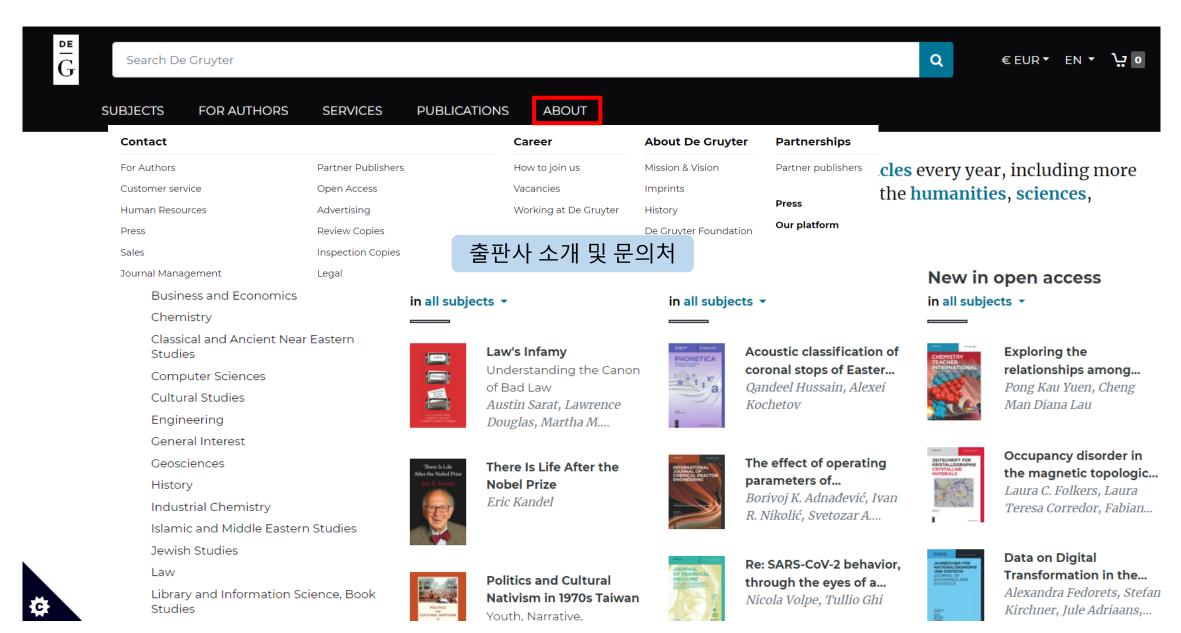
Whether you are aiming to publish a journal article, academic book, a database or an article in one of our reference works, De Gruyter is here to support you as you work towards your next publication.

Begin with our detailed pre-submission guidelines to ensure you have prepared everything you need. Then get help and advice to submit to De Gruyter, whether this is your first published academic work or you are one of our established authors.

Find out essential information about the peer review process, what to expect when your work is







2. Search: 간단검색



Subjects

All De Gruyter ▼

Architecture and Design

Arts

Asian and Pacific Studies

Business and Economics

Chemistry

Classical and Ancient Near Eastern Studies

Computer Sciences

Cultural Studies

Enaineerina

General Interest

Geosciences

History

Industrial Chemistry

Islamic and Middle Eastern Studies

Jewish Studies

Law

Library and Information Science, Book Studies

We publish over 1,100 books and over 16,000 journal articles every year, including more than 100 books and 4,500 articles in open access, across the humanities, sciences, technology, medicine and social sciences.

New books

in all subjects •



Law's Infamy

Understanding the Canon of Bad Law Austin Sarat, Lawrence Douglas, Martha M....





There Is Life After the **Nobel Prize** Eric Kandel



Politics and Cultural Nativism in 1970s Taiwan

Youth, Narrative,



New articles

in all subjects ▼



Acoustic classification of coronal stops of Easter... Qandeel Hussain, Alexei

Kochetov



The effect of operating parameters of...

Borivoj K. Adnađević, Ivan R. Nikolić, Svetozar A....



New in open access

in all subjects *



Exploring the relationships among...

Pong Kau Yuen, Cheng Man Diana Lau



Occupancy disorder in the magnetic topologic...

Laura C. Folkers, Laura Teresa Corredor, Fabian...

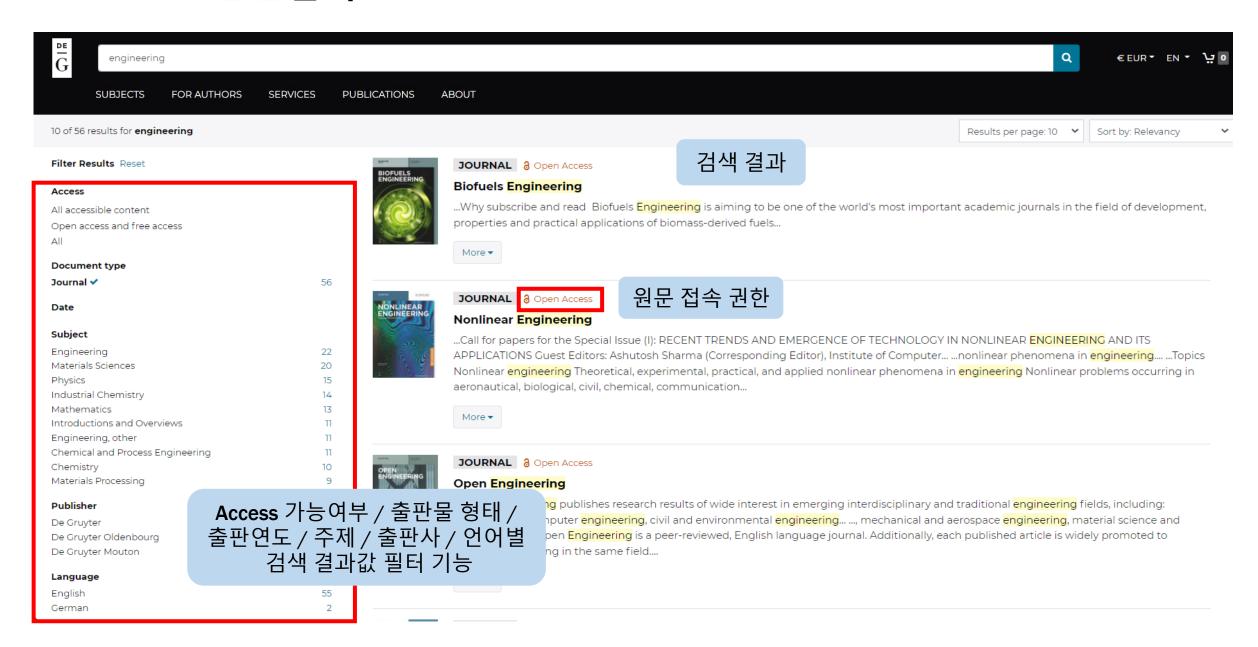


Data on Digital Transformation in the...

Alexandra Fedorets, Stefan Kirchner, Jule Adriaans,...



2. Search: 간단검색

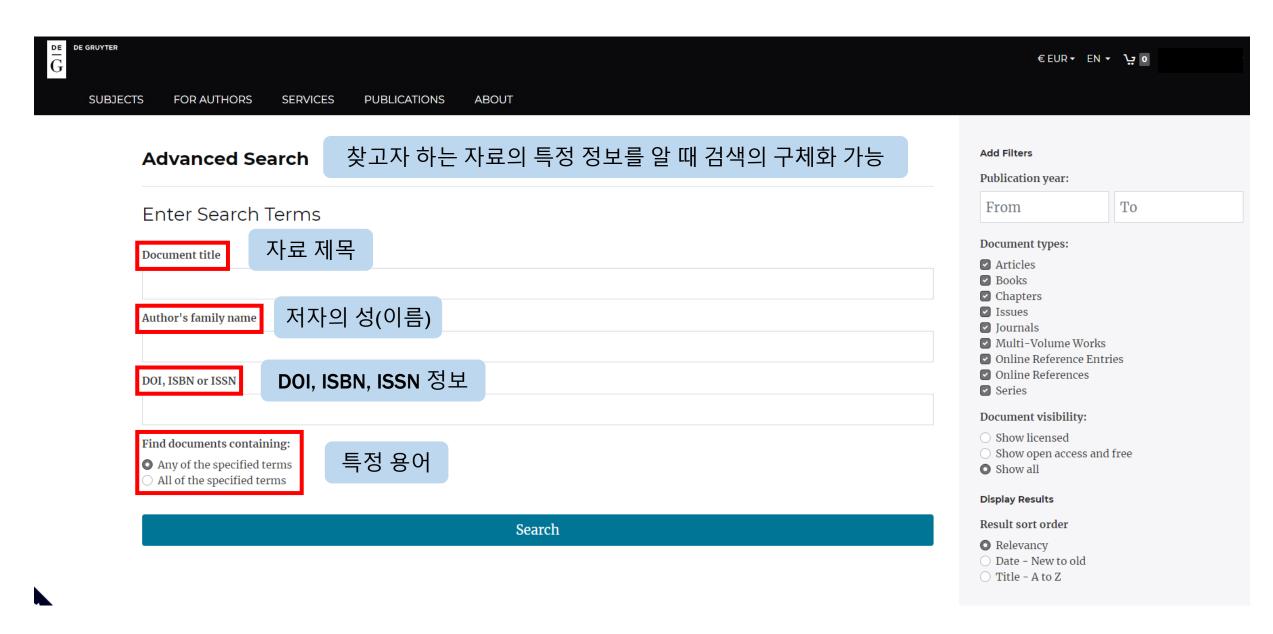


3. Advanced Search : 고급검색

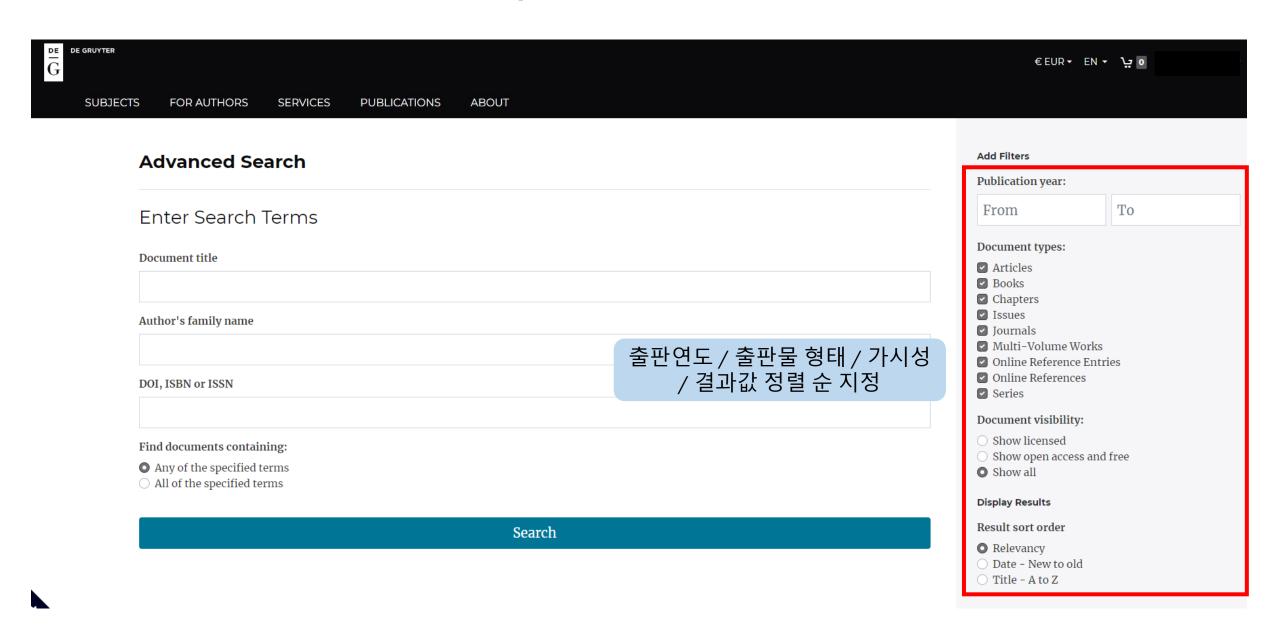
돋보기 아이콘 클릭 시 Advanced Search 생성

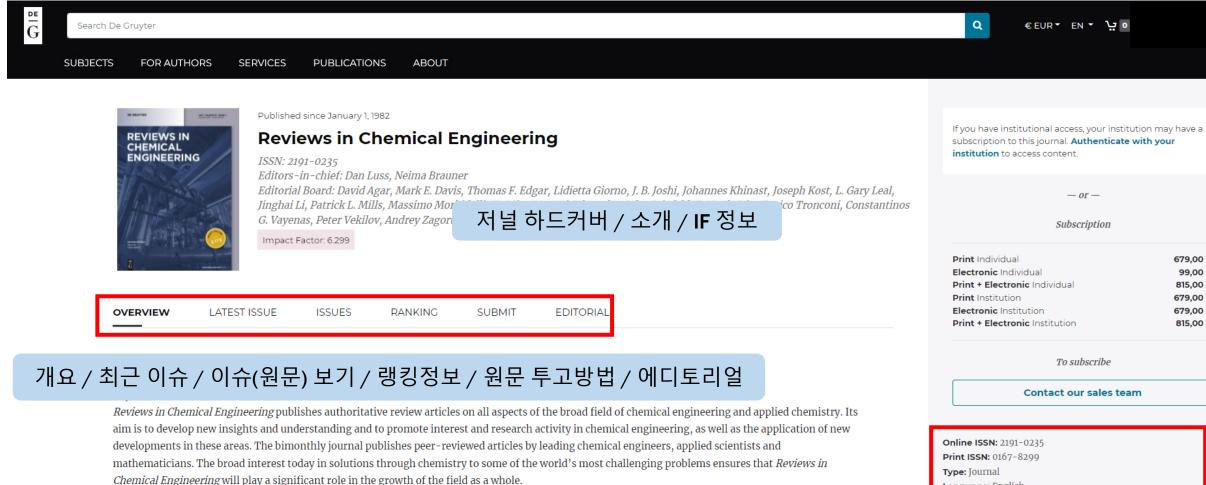


3. Advanced Search : 고급검색



3. Advanced Search : 고급검색





Topics

Cutting-edge topics such as but not limited to the following:

- Catalysis
- Chemical, photochemical and biochemical reaction engineering
- · Novel structured and membrane reactors
- Separation science and technology



679.00 € 99,00€ 815,00 € 679,00 € 679,00 € 815,00 €

Language: English Publisher: De Gruyter

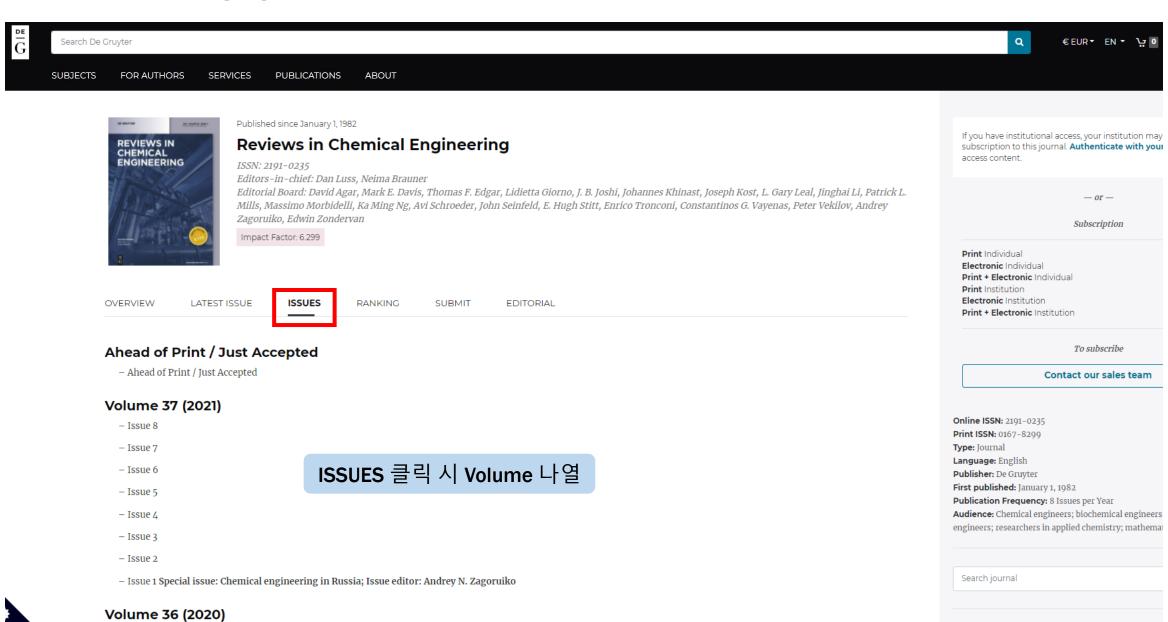
First published: January 1, 1982

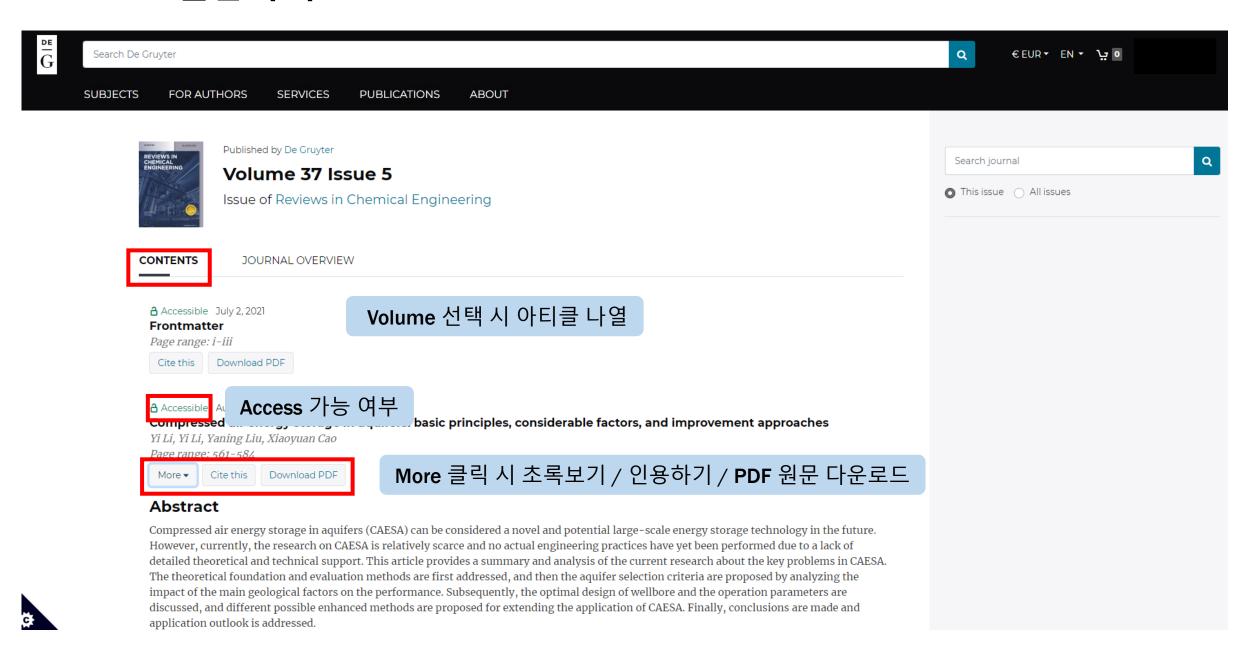
Publication Frequency: 8 Issues per Year

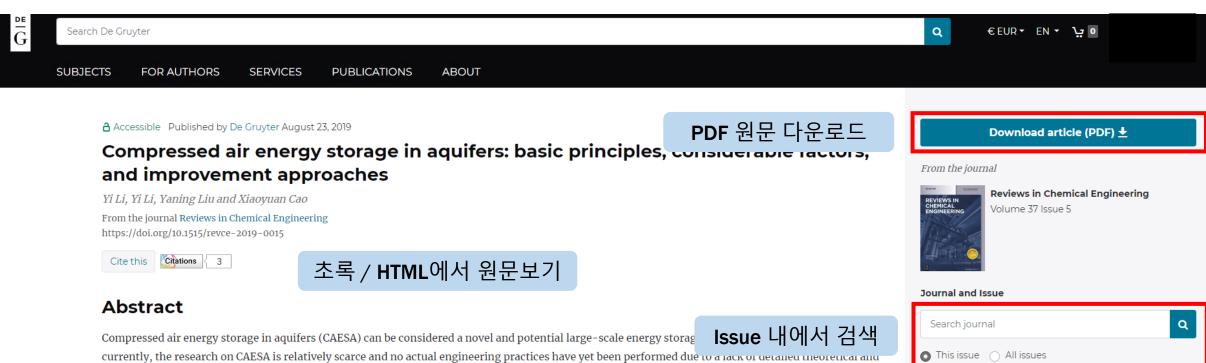
Audience: Chemical engineers; biochemical engineers; environmental engineers; researchers in applied chemistry;

mathematicians







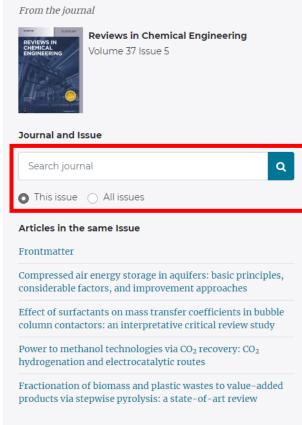


currently, the research on CAESA is relatively scarce and no actual engineering practices have yet been performed due to a tack of detailed theoretical and technical support. This article provides a summary and analysis of the current research about the key problems in CAESA. The theoretical foundation and evaluation methods are first addressed, and then the aquifer selection criteria are proposed by analyzing the impact of the main geological factors on the performance. Subsequently, the optimal design of wellbore and the operation parameters are discussed, and different possible enhanced methods are proposed for extending the application of CAESA. Finally, conclusions are made and application outlook is addressed.

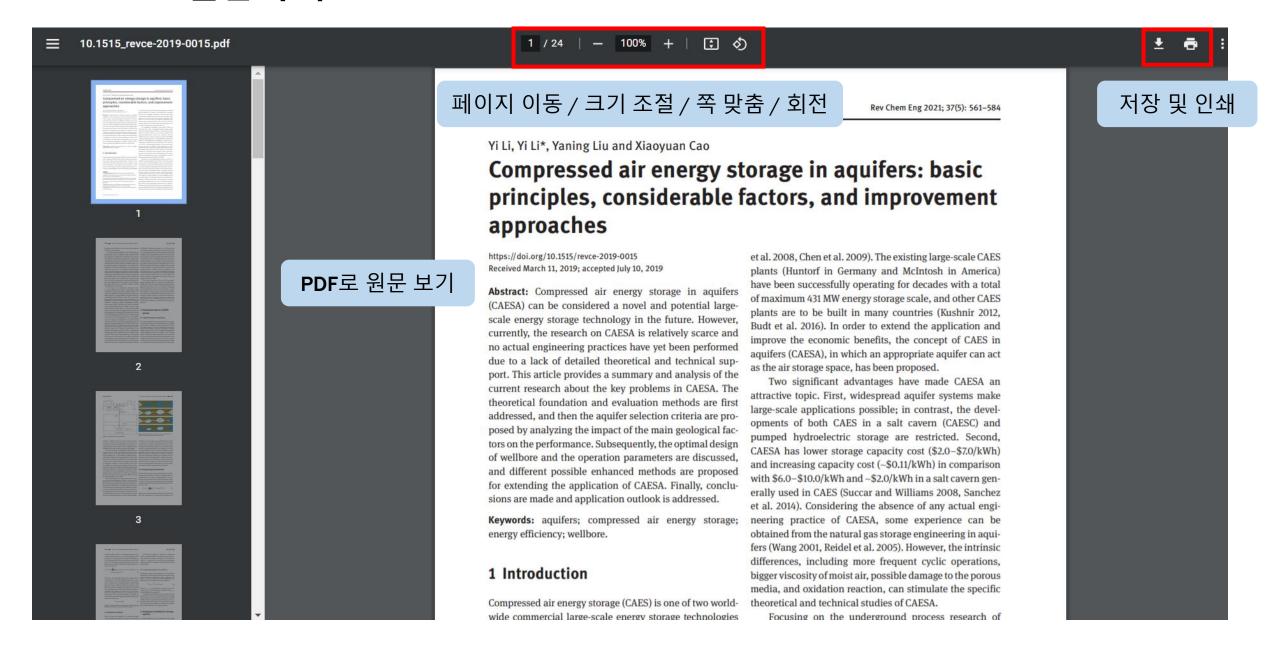
Keywords: aquifers; compressed air energy storage; energy efficiency; wellbore

1 Introduction

Compressed air energy storage (CAES) is one of two worldwide commercial large-scale energy storage technologies (the other being pumped hydroelectric storage). It can effectively solve the unbalanced power supply caused by the utilization of intermittent clean energy (e.g. wind power, solar energy, and wave energy) and has more economic potential (Ribeiro et al. 2001, Svander 2007, Ibrahim et al. 2008, Chen et al. 2009). The existing large-scale CAES plants (Huntorf in Germany and McIntosh in America) have been successfully operating for decades with a total of maximum 431 MW energy storage scale, and other CAES plants are to be built in many countries (Kushnir 2012, Budt et al. 2016). In order to extend the application and improve the economic







THANK YOU!



㈜제이알엠

Tel. 02-2038-8519

www.jrmkorea.co.kr