

출판사별 Text Data Mining (TDM) 이용방법

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출판사별 Text Data Mining (TDM) 이용방법

1. ScienceDirect
2. Springer, Nature
3. Wiley
4. Web of Science

TDM이란?

TDM 이용방법

[TDM이란?]

“TDM (Text and Data Mining) is the automated process of selecting and analyzing large amounts of text or data resources for purposes such as searching, finding patterns, discovering relationships, semantic analysis and learning how content relates to ideas and needs in a way that can provide valuable information needed for studies, research, etc.”

출처: SpringerNature 'Text and Data Mining at Springer Nature'
(<https://www.springernature.com/gp/researchers/text-and-data-mining>)

- 출판사별로 자료 제공 범위(구독 자료, Open Access 자료), 제공 방식, TDM 정책은 다를 수 있음
- 연구기관 및 대학에서는 API 방식으로 TDM 서비스를 무료로 이용할 수 있으나, 비상업적 학술(연구) 목적으로 이용하여야 함 (※ 출판사별 세부 이용 조건 및 규정은 다를 수 있음)

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[ScienceDirect]

- API 방식으로 비상업적 목적(학술적 연구목적) Text Data Mining 지원
- API 이용방법: <https://dev.elsevier.com/>
- 제공 범위: https://dev.elsevier.com/api_key_settings.html
4번 항목과 같이 구독 논문, Open Access 논문 Text Mining을 위한 API Key 설정 가능

#	API Name	Enabled or Disabled	Non-subscriber	Academic Subscriber	Weekly Quota	Requests/second
1	Serial Title	Enabled	STANDARD, COVERIMAGE views / Default 25 results / Max 200 results	STANDARD, COVERIMAGE, ENHANCED Default 25 results / Max 200 results	20,000	6
2	Citations Count Metadata	Enabled	N/A	STANDARD view / Default 25 results / Max 200 results	50,000	10
3	Citations Overview	Disabled	N/A	STANDARD view / Default 25 results / Max 200 results	20,000	4
4	Subject Classifications	Enabled	No restrictions	No restrictions	N/A	N/A

- 문의: Elsevier Integration Support (ELS) <integrationsupport@elsevier.com>

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[Springer, Nature]

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- API 이용방법: <https://www.springernature.com/gp/researchers/text-and-data-mining>
Springer API 페이지에서 개인 계정 생성 후 가입한 계정 도서관에 전달 (담당자: chunse1004@unist.ac.kr)
- 제공 범위: 구독 Springer & Nature 저널, 전자책

[Wiley]

- CrossRef와 API 방식 비상업적 목적(학술적 연구목적) Text Data Mining 지원
- API 이용방법: <https://www.onlinelibrary.wiley.com/library-info/resources/text-and-datamining>

[Web of Science]

- API 방식 비상업적 목적(학술적 연구목적) Text Data Mining 지원
- API Lite REST 등록
 - 1) 당사 Clarivate Developer Portal (<https://developer.clarivate.com>)에 유저 등록 (※ UNIST 이메일 주소 사용)
 - 2) Applications - "Register and View Your Applications" 페이지에서 Application 등록
 - 3) Application 등록 후 APIs 페이지에서 WOS API Lite 선택 후 Subscribe 요청 제출
 - 4) WoS API Lite 승인 절차 진행 후 발송되는 인증키 수신 후 이용 (이메일로 발송됨)

How to attain API Keys

1. ScienceDirect
2. Springer, Nature
3. Wiley
4. Web of Science

[ScienceDirect]

- "Anyone can obtain an API Key and use the APIs for non-commercial purposes free of charge, subject always to Elsevier's policies for using APIs and data."

Source: Elsevier Developer Portal (<https://dev.elsevier.com/>)

- How to attain API key: <https://dev.elsevier.com/>
- API Keys: https://dev.elsevier.com/api_key_settings.html

Article Retrieval: Enabled (All Subscribed, Open Access and Complimentary)

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[Springer, Nature]

- TDM for researchers at subscribing academic institutions

"For subscribed journals and books, Springer Nature grants researchers text and data mining rights via their institutions, provided the purpose is non-commercial research."

Source : Text and Data Mining at Springer Nature (<https://www.springernature.com/go/researchers/text-and-data-mining>)

- How to attain API Key: <https://dev.springernature.com/>

Click the 'Sign up' button on the Springer API Portal and send the account information to the Library. (Contact info: chunse1004@unistackr)

[Wiley]

"Academic subscribers can perform TDM under license (or in accordance with statutory rights under applicable legislation) on subscribed content for non-commercial purposes at no extra cost."

Source: Text and Data Mining (<https://www.onlinelibrary.wiley.com/library-info/resources/text-and-datamining>)

[Web of Science]

- How to get started: <https://developer.clarivate.com/>

- 1) Sign up for the Web of Science 'Developer Portal' (※ Please make an account using UNIST e-mail address.)
- 2) Register your application
- 3) Subscribe to an API Application
- 4) Use the API*