

2022 e-Resources @ UNIST Library

2022. 01. UNIST Library

Except for some journal packages and databases, institutional subscription for e-journals and databases is the same as last year.

Journal

37 Journal Packages + 22 Single Journals

About 16,600 single journals

* Changed Subscription Option

- **Upgraded** : Nature, Springer, CUP (Full Collection)
- **New**: AIMS, JSTOR, PMR, Royal Society Journals, MRS Online Proceedings



Database

21 Web Databases

* Changed Subscription Option

- **Upgraded**: Web of Science - Conference Proceedings Citation Index

Solutions

5 Solutions

- Citation Tools: [EndNote](#) & [Mendeley](#)
- Plagiarism Prevention Tool: [Turnitin](#)
- Research Performance Analysis: [SciVal](#)
- **New**: Journal Information Platform: [S2 Journal](#)



2022 e-Resources @ UNIST Library

2022. 01. UNIST Library

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1. Journal Package

Subject		No.	PackageTitle	Publisher/Society	No. of Journals	Note
All Subjects		1	ScienceDirect	Elsevier	2,697	• Basic + Freedom Collection
		2	Springer e-Journals	SpringerNature	2,286	★ Upgraded: STM Collection → Full Collection
		3	T&F	Taylor & Francis	2,018	• ST(Science&Technology) Package + SSH(Social Sciences and Humanities) Package
		4	DBPIA	누리미디어	1,999	• Korean Journals
		5	KISS	한국학술정보	1,974	• Korean Journals
		6	Wiley Online Library	JohnWiley & Sons	1,430	
		7	JSTOR	Several Publishers	1,014	★ New • Arts and Sciences I, Arts and Sciences VI+XII, Business & Economics, Life Science
		8	SAGE	SAGE	936	
		9	CUP	Cambridge University Press	406	★ Upgraded: STM Collection → Full Collection
		10	De Gruyter	De Gruyter	355	• STM + HSS Package ※ This journal package is sponsored by KERIS(Korea Education & Research Information Service, 한국교육학술정보원).
		11	OUP	Oxford University Press	305	
		12	AR	Annual Reviews	51	• Archive + Current
Engineering	Electrical& Computer Eng.	13	IEEE Digital Library	IEEE	51	• Journals, Conference Proceedings, Conference Series, Standards
		14	Emerald ECT Journals (EECT)	Emerald Publishing	70	
	Civil Eng.	15	ASCE	American Society of Civil Engineers	37	• Journals, Conference Proceedings
	Mechanical Eng.	16	ASME	American Society of Mechanical Engineers	33	• Archive + Current
	Chemical Eng.	*	ECS	Electrochemical Society	6	
Science&Technology		17	Royal Society	The Royal Society	7	★ New • Including Philosophical Transactions of the Royal Society A, Proceedings of the Royal Society A

1. Journal Package

Subject		No.	Package Title	Publisher/Society	No. of Journals	Note
Multidisciplinary Sciences		18	Nature eJournals	SpringerNature, Nature Research	93	★ Upgraded: 93 journals except for several new launching journals
		19	Science(AAAS)	AAAS	4	• Science, Science Translational Medicine, Science Signaling, Science Robotics
Life Sciences & Medicine	Life Sciences & Medicine	20	Cell Press	Cell Press	18	
		21	JoVE	Journal of Visualized Experiments	3	• Biology, bioengineering, Neuroscience
		22	LWW	Wolters Kluwer Ovid	59	★ New
		23	CSHLP	Cold Spring Harbor Laboratory Press	4	• CSH Core Collection
		24	RU	Rockefeller University Press Journals	3	
	Biological Eng.	25	MAL	Mary Ann Liebert	74	
	Microbiology	26	ASM	American Society for Microbiology	16	
	Cancer	27	AACR	American Association for Cancer Research	9	
Natural Sciences	Chemistry	28	ACS	American Chemical Society	80	• All Publications Package (+Chemical & Engineering News)
		29	RSC	Royal Society of Chemistry	53	
		30	Thieme eJournals	Thieme	5	• Chemistry Pack (Including Synlett, Synthesis, Synfacts)
	Physics	31	IOP	Institute of Physics	95	• Including JJAP, 2D Materials, Astrophysical Journal
		32	APS	American Institute of Physics	17	
		33	AIP	American Physical Society	10	• Archive + Current
		34	AVS	American Vacuum Society	6	• Archive + Current
	Optics	35	OPTICA	OPTICA Publishing	25	• Formerly Optical Society of America (OSA)
		36	SPIE Digital Library	The International Society For Optics and Photonics	12	
	Mathematics	37	SIAM	Society of Industrial Applied Mathematics	17	
		38	AIMS	American Institute of Mathematical Sciences	9	★ New
		39	AMS	American Mathematical Society	4	
Social Science	Business, management	40	PMR	Portfolio Management Research	14	★ New
		41	Emerald Specialist Collection	Emerald Publishing	136	

2. Journal Single

No.	Journal Title	Publisher/Society	Subject	ISSN	Note
1	Proceedings of the National Academy of Sciences (PNAS)	National Academy of Sciences	Multidisciplinary Sciences	1091-6490	
2	Development	Company of Biologists	Biology	1477-9129	
3	Design Issues	University of Illinois at Chicago	Decorative Arts	1531-4790	
4	Information Systems Research	Institute of Management Sciences	Management	1526-5536	
5	Organization Science	Institute for Operations Research and the Management Sciences	Management	1526-5455	
6	Applied Mechanics and Materials	Trans Tech Publications	Materials Science	1662-7482	
7	Journal of Immunology	American Association of Immunologists	Medicine	1550-6606	
8	Journal of Neuroscience	Society for Neuroscience	Neuroscience	1529-2401	Including Brief Communications
9	American Journal of Physics	American Institute of Physics	Physics	1943-2909	
10	Journal of Rheology	Society of Rheology	Physics	1520-8516	
11	Journal of Applied Physiology	American Physiological Society	Physiology	1522-1601	
13	AIAA Journal	American Institute of Aeronautics and Astronautics	Aerospace Engineering	1533-385X	
14	Journal of Aerospace Information Systems	American Institute of Aeronautics and Astronautics	Aerospace Engineering	2327-3097	
15	Journal of Guidance, Control, and Dynamics	American Institute of Aeronautics and Astronautics	Aerospace Engineering	1533-3884	
16	Smart Structures and Systems	Asia-Pacific Consortium of Research Institutes of Smart Structures Technology	Building & Construction	1738-1991	
17	Bulletin of the Seismological Society of America	Seismological Society of America	Earthsciences	1943-3573	
18	Seismological Research Letters	Seismological Society of America	Earthsciences	1938-2057	
19	Management Science	Institute of Management Sciences	Management & Economics	1526-5501	
20	Service Science	Institute for Operations Research and the Management Sciences (INFORMS)	Management & Economics	2164-3970	
21	Diabetes	American Diabetes Association	Medicine	1939-327X	
22	Journal of the Physical Society of Japan	Physical Society of Japan	Physics	1347-4073	

3. Database

Category	Contents	No.	Title	Subject	Provider	Note
All Subjects	Index & Abstracts, Full-Text	1	EBSCOhost - Academic Search Complete(ASC) - Business Source Ultimate(BSU)	All Subjects Business & Economics	EBSCO Information Services	- Journals, Magazines, Books, Newspapers, Reports, Market research reports, Industry reports, Country reports, Company profiles, etc. ※ Harvard Business Review Full Text available
		2	ProQuest Central	All Subjects	ProQuest	Journals, Trade publications, Magazines, Books, Newspapers, Reports (Including ABI/INFORM Database)
	Journal Impact Factor	3	Journal Citation Report (JCR)	All Subjects	Clarivate Analytics	A journal evaluation database which provides annually Journal Impact Factor and other indicators
	Citation Index	4	Scopus	All Subjects	Elsevier	The largest abstract and citation database of peer-reviewed literature provided by Elsevier
	Encyclopedia	5	Britannica Academic	All Subjects	Britannica	Britannica Encyclopedia Online (English Edition)
Natural Sciences	Chemistry (substance& propertydata, chemicalreactions, etc.)	6	SciFinder-n	Chemistry	Chemical Abstract Services(CAS)	The upgraded and new platform of SciFinder, the world's most comprehensive chemistry database from CAS. (User Registration for SciFinder)
		7	Reaxys	Chemistry	Elsevier	A web-based tool for the retrieval of chemistry information and data from published literature, including journals and patents provided by Elsevier
	Crystallographic Data	8	Cambridge Structural Database (CSD)	Crystallography	Cambridge Crystallographic DataCentre (CCDC)	- The world's repository for small-molecule organic and metal-organic crystal structures by CCDC CSD Download: UNIST Portal → Software Download
	Index & Abstracts	9	MathSciNet	Mathematics	American Mathematical Society(AMS)	A searchable online bibliographic database created by the American Mathematical Society
	Magazine	10	National Geographic Virtual Library	Geography, Environment, etc.	Gale	An online database of National Geographic magazine which includes magazine archives from 1888 to present

3. Database

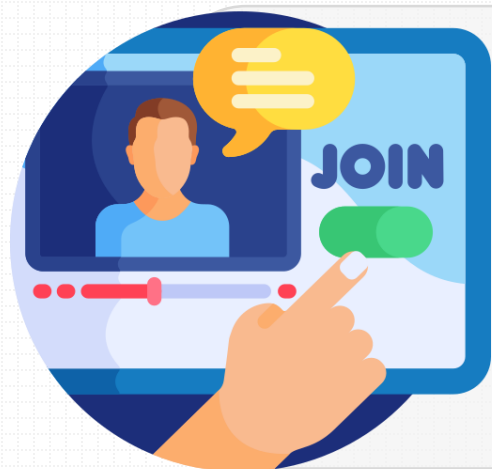
Category	Contents	No.	Title	Subject	Provider	Note
Science & Technology, Engineering	Index & Abstracts, Full-Text	11	ACM Digital Library	Computer Science	Association for Computing Machinery	- A comprehensive collection of full-text articles and bibliographic records in the fields of computing and information technology - Journals, Conference Proceedings, Magazines, etc.
	Citation Index	12	Web of Science SCIE	S&T, Eng.	Clarivate Analytics	- The world's citation index database which searchable SCI(E) articles - Science Citation Index Expanded(SCIE), 1945~Current
	Standards	13	ASTM Standards & DL	S&T, Eng.	American society for Testing materials	A platform to access standards, journals, special technical publications (STP), manuals/monographs, etc. published by ASTM
	Patents	14	WIPS ON	S&T, Eng.	WIPS(웍스)	- Korean DB - Patent database which includes bibliographic information and full text of patents registered in Korea, U.S., Japan, Europe, PCT, etc.
	Alloy diagram	15	ASM Alloy Phase Diagram Database	Materials Science & Engineering	ASM International	Fully searchable online database which contains more than 40,300 binary and ternary phase diagrams and associated phase data
	Index & Abstracts	16	Ergonomics Abstracts Online	Ergonomics	EBSCO Information Services	An abstracts and index database which includes journal articles, books and conference proceedings in ergonomics and related subjects
	Index & Abstracts, Full-Text	17	Springer Protocols	Life Science	SpringerNature	The world's largest collection of biomedical and life sciences protocols with over 58,000 articles
Social Sciences	Index & Abstracts, Full-Text	18	Nexis Uni	Business, Law	Lexis Nexis	A research database which includes critical news, legal and business information on over 80 million U.S. and international companies
		19	NBER Working Papers	Business & Economics	National Bureau of Economic Research(NBER)	A collection of NBER research papers which have not undergone the review accorded official NBER publication
	Index & Abstracts, Full-Text	20	PsycARTICLES	Psychology	EBSCO Information Services	A database of full-text peer-reviewed articles published by the American Psychological Association and affiliated journals (Available via EBSCOhost)

3. Database

Category	Contents	No.	Title	Subject	Provider	Note
Etc.	Language Learning App	21	AutoEnglish	Language Studies	스마트앱북	• A mobile application which includes various electronic books for learning foreign languages.
	Book Summaries	22	Bookzip	All Subjects	네오넷코리아	• Korean DB • Book Summary Service

Solutions

1. Citation Tools (참고문헌 관리): [EndNote](#) & [Mendeley](#)
2. Plagiarism Prevention Tool (표절 검사): [Turnitin](#)
3. Research Performance Analysis (연구성과 분석): [SciVal](#)
4. Journal Information Platform (저널 정보 통합검색 플랫폼): [S2 Journal](#)



* Create user account: *SciFinder-n*, *WIPS DN* & *SciVal*

- User account is required and it must be created on-campus with UNIST email address.
 - UNIST IP 대역 내에서 UNIST 계정 이메일 사용하여 사용자 계정 생성 후 이용 가능
- ※ SciVal: Other Elsevier products account is also available. (ScienceDirect, Scopus and Mendeley)

4. KERIS Database

- KERIS (Korea Education & Research Information Service, 한국교육학술정보원) provides access to following databases for academic institution.
- 한국교육학술정보원 (KERIS) 에서 신청 대학에 한해 무상으로 액세스권을 제공하는 전자정보원으로 RISS 개인 계정 또는 기관 고유 URL 을 통해 접속 후 해외전자자료검색에서 품목 별 액세스 가능

Contents	No.	Title	Subject	Note	How to Use		
Abstract & Index, Full Text	1	Education Source	Education		※ Available on UNIST campus (UNIST IP range) for 24hours.		
	2	PAO KERIS Collection	Social Sciences, Humanities	• Periodicals Archive Online			
	3	De Gruyter e-Journal		• STM + HSS Collection			
	4	Emerald Specialist Collection	Social Sciences	• Management, Education			
	5	Emerald ECT Journals (EECT)	Engineering, Computing & Technology				
	6	Bentham Science Publishers Journals Full Collection	Medicine				
	7	JSTOR	Social Sciences, Humanities Natural Sciences & Medicine	• Life Sciences Collection • Arts & Sciences VI+XII Collection			
	8	LWW Premier Journals	Medicine	★ New			
Video & Audio	9	Academic Video Online (AVON)	All Subjects				
	10	Music and Dance Online	Arts, Music				
Reference	11	GVRL KERIS Collection	All Subjects	• Gale Virtual Reference Library			
News, Magazine	12	The Vogue Archive	Arts	• Vogue Magazine online			
	13	The New York Times in Education		★ New			
Abstract & Index, Full Text	14	DDOD	All Subjects	• Digital Dissertations on Demand Overseas Dissertations	※ Available via RISS 1) Search: for 24 hours 2) Full Text: from 4pm to 9am	RISS 통해 이용가능 RISS 개인 계정 또는 기관 직접접속 URL 통해 접속 1) RISS account registration link: http://www.riss.kr/main/user/JoinMember.do 2) UNIST Direct URL: https://openlink.unist.ac.kr/link.n2s?url=http://www.riss.kr/OrganLogin.do RISS 메인화면에서 해외전자자료 검색 클릭	
	15	CINAHL with Full Text	Nursing, Medicine		※ Available via RISS: from 4pm to 9am		
	16	SocINDEX with Full Text	Social Sciences				
	17	ProQuest Medical Library(PML)	Medicine				
	18	Literature Online(LION)	Literature	• The world's largest of literature and criticism			
Abstract & Index	19	MLA International Bibliography	Literature, Language	• Modern Language Association			
	20	PQDT	All Subjects	• ProQuest Dissertations & Theses			
Reports, Statistics, Full-text, etc.	21	KSDC DB	Social Sciences				

5. Guides & Notice for Using e-Resources

How to Access e-Resources 도서관에서 구독 중인 전자정보원 확인 및 접속

1. On Campus (UNIST IP range): UNIST IP 대역 내에서는 별도의 인증 없이 구독 중인 전자저널 및 데이터베이스 사이트 접속 및 이용 가능
2. Library Website (<https://library.unist.ac.kr/>): 도서관에서 구독하는 모든 전자정보원은 도서관 웹사이트를 통해 검색 및 이용 가능

1) E-RESOURCES > [Databases](#) (데이터베이스 및 저널 패키지 단위 브라우징 / 접속 가능)

- Users can browse and access variety databases(includes journal package) by title and subject.

2) E-RESOURCES > [E-Journals](#) (개별 전자저널 단위 검색 / 접속 가능)

- Users can search and access variety electronic journals by title and ISSN.

3) Main Search Bar (도서관 웹사이트 메인 검색창을 통해 전자저널 검색 / 접속 가능)

Off Campus Access 교외접속(캠퍼스 밖에서 이용할 경우)

- Using UNIST Portal ID and password through the library website, UNIST members can access eResources from anywhere.
- 도서관 웹사이트 로그인 후 자료 검색: 학교 밖에서도 구독중인 전자저널, 데이터베이스 및 전자책 이용 가능

* Off-Campus Access Guide: <https://library.unist.ac.kr/e-resource/off-campus-access/>

5. Guides & Notice for Using e-Resources

Document Delivery Service

원문복사서비스 (이용 불가능한 저널의 논문 제공)

- The library provides documents (journal articles, conference proceedings, book chapter, etc.) which are not available in the UNIST.
- 우리 기관에서 구독하지 않는 자료 (저널 논문 , 학술대회 발표자료 , 단행본 챕터 등) 는 원문복사서비스 (DDS) 를 통해 제공 받으실 수 있습니다.

* Document Delivery Service: <https://library.unist.ac.kr/libraryservice/dds/>

Find it @ UNIST

Link Resolver(링크리졸버)

- Find it @ UNIST (UNIST Library's Link Resolver system) provides users with a direct link to their institution's holding eResources. (mostly journal article full-text)
For using this service in free search engine (Google Scholar & PubMed), users should set up this function on their account.

- Find it @ UNIST (UNIST 도서관 '링크리졸버' 시스템 명칭) 는 도서관에서 구독 중인 전자자료와 이용자의 검색 결과를 연결해주는 서비스로 , 구독자원의 경우 검색결과에서 원문 이용 가능 링크를 제공해주고 , 구독하지 않는 논문은 바로 원문복사서비스를 신청할 수 있습니다 . 무료 검색 엔진인 Google Scholar 와 PubMed 에서 이 기능을 사용하기 위해서는 별도의 환경설정이 필요합니다 .

1) Google Scholar - Settings > Library links > search the 'UNIST' > Check the 'Find it @ UNIST' > Save

2) How to activate 'Find It @ UNIST' in PubMed (Guide) : [Eng](#) / [Kor](#)

5. Guides & Notice for Using e-Resources

How to use SciFinder-n

화학전문데이터베이스 SciFinder-n 이용방법

- All users need to create an account to access SciFinder Web and it must be created on-campus with UNIST email address.
- 화학 전문 데이터베이스 SciFinder-n은 UNIST IP 대역에서 UNIST 이메일 계정으로 개인 계정 생성 후 해당 계정으로 접속하여 이용할 수 있습니다.

1) User registration guide for SciFinder - [Eng](#) / [Kor](#)

2) SciFinder registration link - [Click](#)

How to use WIPSON

특허 데이터베이스 웹스온 이용방법

- All users need to create an account to access WIPS ON and it must be created on -campus with UNIST email address.
- 전 세계 특허검색 데이터베이스 WIPS ON (웹스온) 은 UNIST IP 대역에서 UNIST 이메일 계정으로 개인 계정 생성 후 해당 계정으로 접속하여 이용할 수 있습니다.

1) User registration guide for WIPS ON - [Eng](#) / [Kor](#)

2) WIPS ON registration link - [Click](#)

5. Guides & Notice for Using e-Resources

What should users do if they cannot access journals or databases which they should be available?

평소 접속에 문제 없던 전자저널이나 데이터베이스가 갑자기 이용 불가능할 경우

- Please change your web browser or clear your web browser's cache, cookies and history. If you cannot resolve the problem on this ways, please contact the library.
- 도서관에서 구독중인 전자정보원은 개인 PC 및 인터넷 환경에 따라 접속 오류가 발생할 수 있습니다. 평소 이용에 문제가 없었던 전자저널이나 데이터베이스가 갑자기 접속되지 않을 경우 1) 브라우저를 변경하여 접속하거나, 2) 인터넷 사용 기록 (접속기록, 쿠키 및 캐시 삭제) 을 삭제한 후 접속해보시기 바랍니다. 특히 ScienceDirect 와 IEEE 의 경우 인터넷 사용기록이 많이 쌓이게 되면 종종 오류가 발생하므로 인터넷 사용 기록을 주기적으로 삭제하시는것을 권장합니다. 이와 같은 방법을 통해서도 오류가 해결되지 않을 경우 도서관으로 문의 주시기 바랍니다.

Which databases or journals are useful in my research area or major?

내 전공분야 주요 저널 및 데이터베이스

- Research Guides each of which is designed to help you find the most useful resources relevant to your department. It contains useful information and details of recommended resources(includes journals and databases) to support user's studies.
- Research Guide 는 도서관에서 소장하고 있는 다양한 학술 자료 중 학부 또는 학과별로 학습 및 연구 활동에 참고할 수 있는 자료를 소개하고 이용 방법을 안내하는 온라인 학술자료 가이드 입니다. 이를 통해 각 전공 분야별 주요 전자정보원 (저널 및 데이터베이스) 이 무엇인지 확인하고 이용할 수 있습니다.

* Research Guides: https://library.unist.ac.kr/research/research_guides/

5. Guides & Notice for Using e-Resources

How to search the SCI articles or journals?

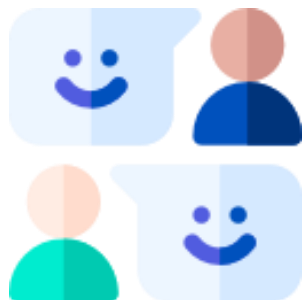
SCI(E) 논문 및 저널 검색 방법

- Web of Science is the world's most trusted citation index database for scientific and scholarly research. SCI means articles or journals indexed in this database.
- Web of Science 는 세계적으로 가장 널리 이용되고 있는 인용 색인 데이터베이스로 기본적으로 SCI 논문 및 저널은 Web of Science 에 등재된 논문 및 저널을 의미합니다.
 - 1) SCIE: Science Citation Index Expanded - 과학기술분야 주요 논문 검색 가능, SCI(E) 등재 논문 검색 → 구독 중, 이용 가능 (1945~Current, Web of Science SCIE)
 - 2) SSCI: Social Sciences Citation Index - 사회과학분야 주요 논문 검색 가능, SSCI 등재 논문 검색 → 미 구독, 이용 불가 (Not Available)
 - 3) A&HCI: Arts & Humanities Citation Index - 인문사회학분야 주요 논문 검색 가능, A&HCI 등재 논문 검색 → 미 구독, 이용 불가 (Not Available)
- Web of Science Master Journal List: <http://mjl.clarivate.com/>

How to find the impact factor and rank of a journal?

저널 영향력 지수(임팩트팩터) 확인방법

- Journal Citation Reports is a combination of impact and influence metrics along with data from Web of Science, citation index database by Clarivate Analytics. Used widely for evaluating peer-reviewed publications, the JCR provides annual journal metrics and indicators. Journal Impact Factor, the primary indicator of the JCR, is defined as all citations to the journal in the current JCR year to items published in the previous two years, divided by the total number of scholarly items (these comprise articles, reviews, and proceedings papers) published in the journal in the previous two years.
- JCR(Journal Citation Impact)은 Web of Science 데이터를 기반으로 저널 영향력 지수 (임팩트 팩터 , Journal Impact Factor, JIF) 를 비롯한 다양한 평가 지표를 제공하는 데이터베이스입니다. 최신 저널 영향력 지수 및 주제 분야 별 저널 랭킹은 JCR 온라인 데이터베이스를 통해 확인 가능하며 , 2020년 발표된 최신 JCR 은 2019 년 저널 영향력 지수 및 기타 지표들을 제공합니다. (2020년 영향력 지수는 2021 년 6 월 경 업데이트 됨)
 - * JCR online database: <https://openlink.unist.ac.kr/link.n2s?url=https://jcr.clarivate.com/>



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