



ask to 김지형

Zotero를 이용한 논문작성

대한의학학술지편집인협의회

제6회 논문작성 워크숍 2016년 1월 30일(토)

13:30-14:20

서울성심병원 김지형

서지 프로그램 자신의 상태?

- ① 시도해 본적도 없다.
- ② Endnote 시도해 봤다.
- ③ Endnote 잘 사용 중
- ④ Zotero 시도해 봤다.
- ⑤ Zotero 잘 사용 중



- Endnote와 비교
- 나에게 맞는 툴
- 대학의 평가
- 참고문헌 달기

Endnote와 비교

- EndNote

- 엑셀처럼 시작.

- Zotero

- 웹브라우저에 기생?

- 파이어폭스

- 독립

- 크롬, 사파리, 파이어폭스

- EndNote

- 가능한 많은 기능

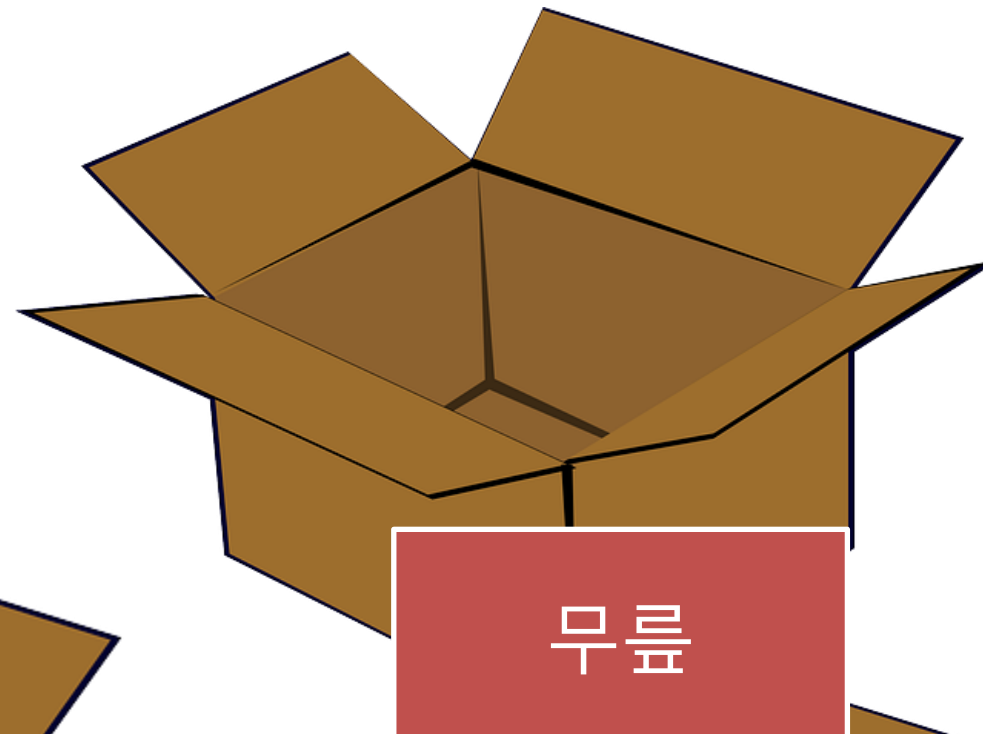
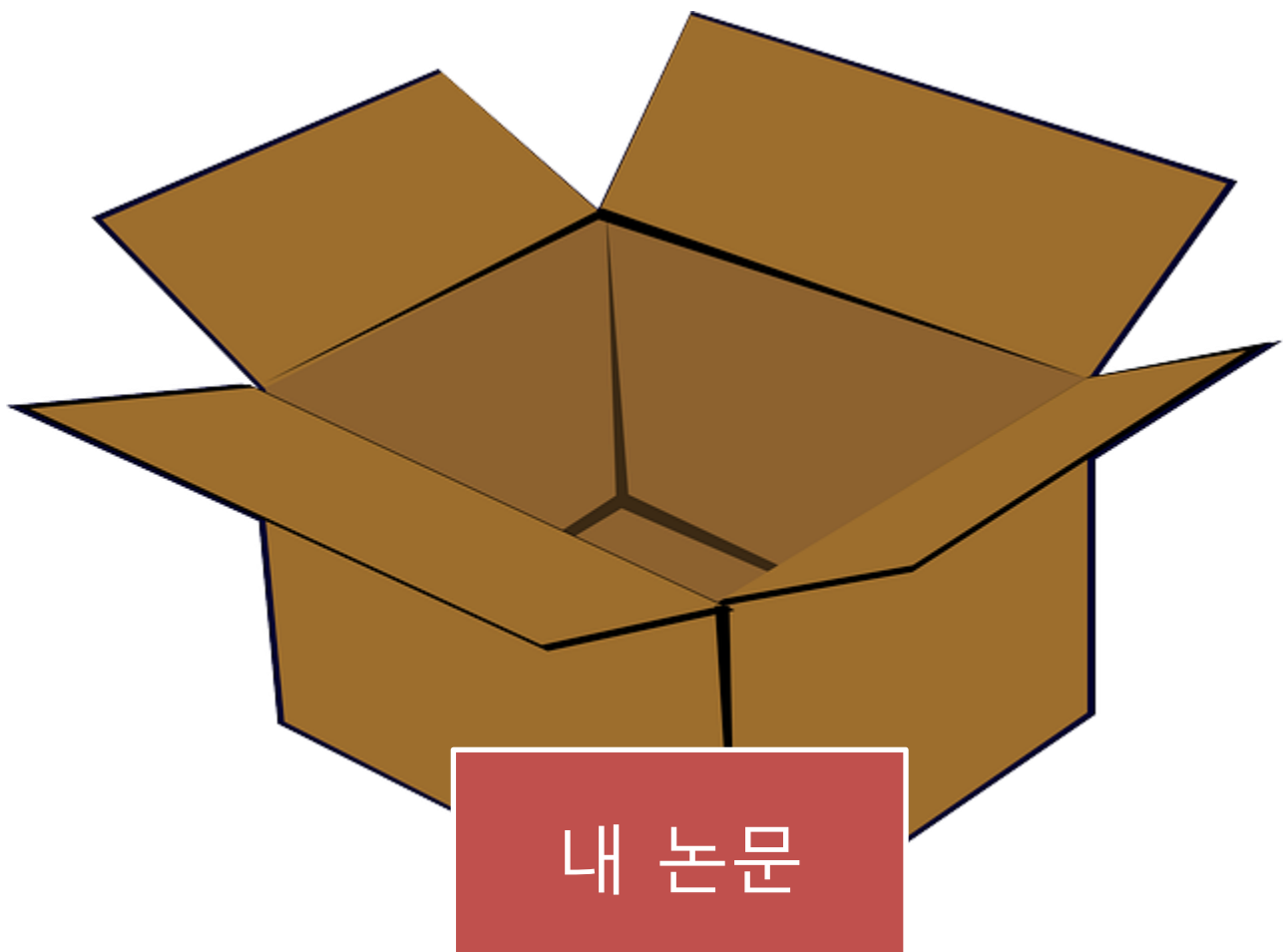
- Zotero

- 가능한 최소화

- 예) PDF 뷰어 없다.

- EndNote
 - 폴더 개념
- Zotero
 - 라이브러리 or 태그 개념

- EndNote
-폴더 개념



- Zotero

- 라이브러리, tag 개념



- EndNote

- 폴더 개념

- 명확히 구분 될 때 좋다.
 - 파일을 분리할 수 있다.

네이버 블로그

- Zotero

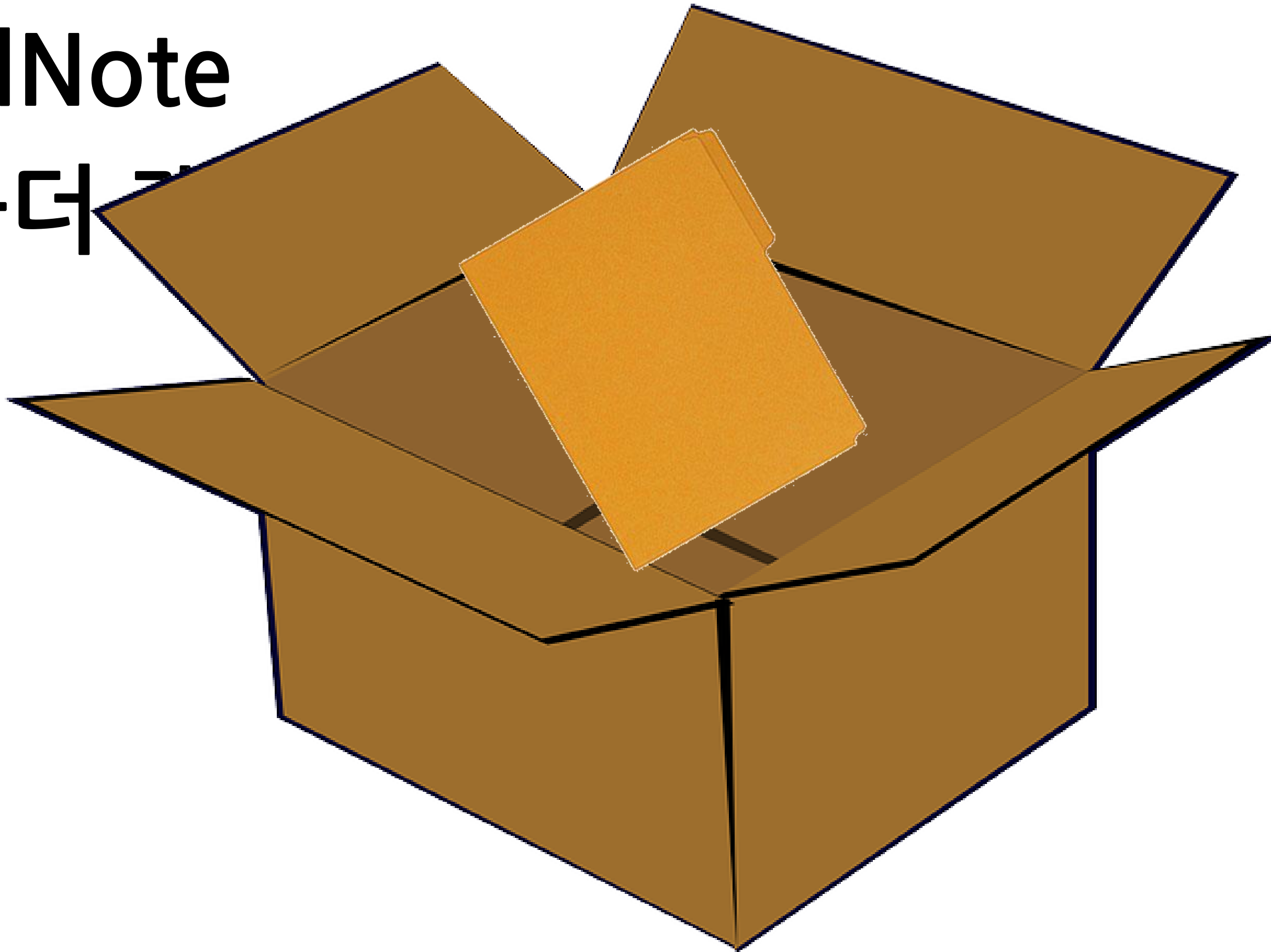
- 라이브러리 or 태그 개념

- 구분히 애매할 때 좋다
 - 파일을 구분할 수 없다.

구글 블로그

- EndNote

— 폴더



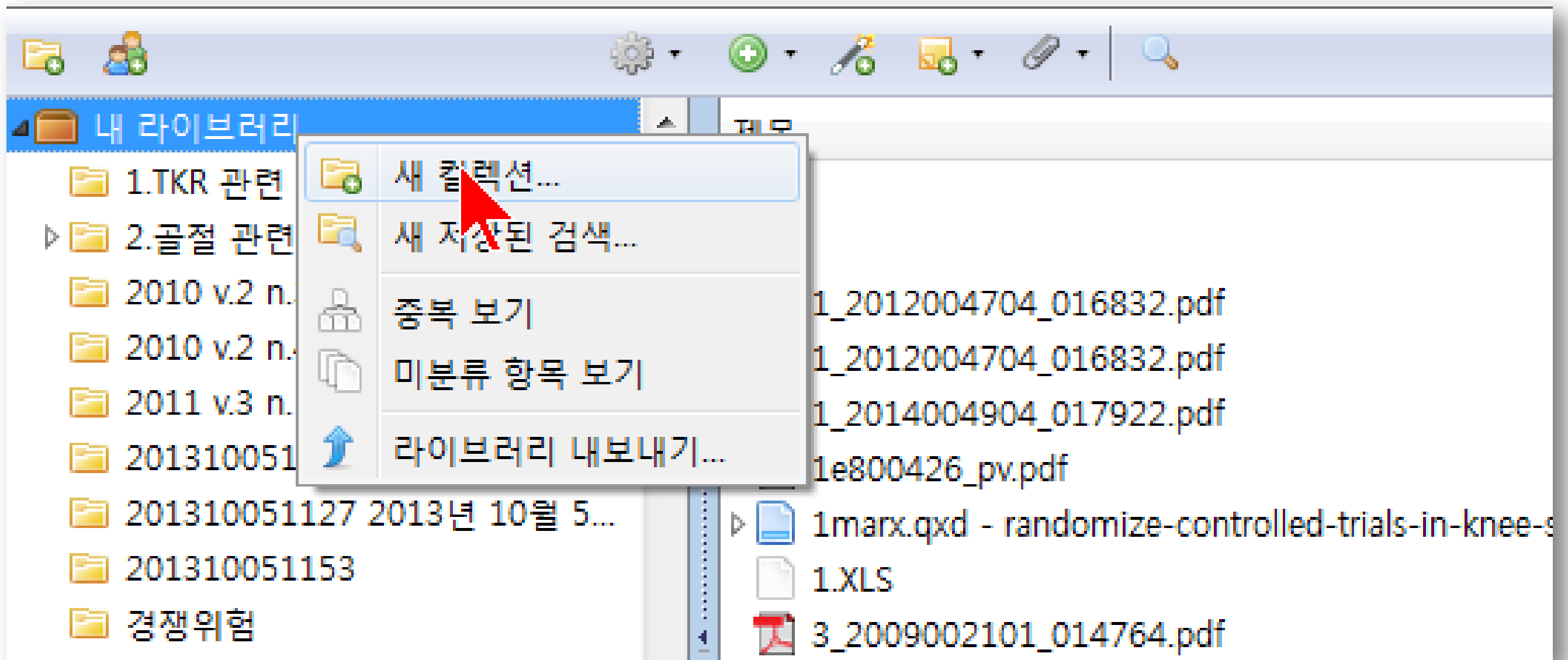
- EndNote

- 주로 논문 수집

- Zotero

- 논문, 뉴스, 유튜브, 특허 등

• Zotero



• Zotero - pubmed 복수

The image shows a web browser window displaying a PubMed search results page. The search query is "N Engl J Med"[Journal] AND logistic regression. The search results show one item: "Intensive Supportive Care plus Immunosuppression in IgA Nephropathy" by Rauen T, Eitner F, Fitzner C, Sommerer C, Zeier M, Otte B, Panzer U, Peters H, Benck U, Mertens PR, Kuhlmann U, Witzke O, Gross O, Vielhauer V, Mann JF, Hilgers RD, Floege J; STOP-IgAN Investigators. N Engl J Med. 2015 Dec 3;373(23):2225-36. doi: 10.1056/NEJMoa1415463. PMID: 26630142.

A Zotero context menu is open over the search results, showing options for saving the item to Zotero. The options include:

- "PubMed"를 사용하여 Zotero로 저장
- "DOI"를 사용하여 Zotero로 저장
- "Embedded Metadata"를 사용하여 Zotero로 저장
- Save to Zotero as Web Page (with snapshot)
- Save to Zotero as Web Page (without snapshot)
- 라이브러리 탐색
- CrossRef Lookup
- Google Scholar Search

The browser window also shows the Zotero interface at the bottom. The left pane shows a folder tree with folders like "서울대 가정의학과", "연수강좌", "연습", "임상 계산기", "참고문헌 통일 양식", "책 쓰기", "통계 관련", "boxer knuckle", "cios 2012 9월 v.4 n.3", and "cios 2012년 12월 v.4 n.4". The main pane shows "No items in this view".

• Zotero - pubmed 복수

The image shows a screenshot of a web browser displaying a PubMed search result. The search term is "N Engl J Med". The search results show one item: "Intensive Supportive Care plus" by Rauen T, Eitner F, Fitzner C, Sor Kuhlmann U, Witzke O, Gross C. The article is published in N Engl J Med. 2015 Dec 3;373(23):. PMID: 26630142. Similar articles are also listed.

Overlaid on the browser is the Zotero toolbar. The dropdown menu is open, showing the following options:

- "PubMed"를 사용하여 Zotero로 저장
- "DOI"를 사용하여 Zotero로 저장
- "Embedded Metadata"를 사용하여 Zotero로 저장
- Save to Zotero as Web Page (with snapshot)
- Save to Zotero as Web Page (without snapshot)
- 라이브러리 탐색
- CrossRef Lookup
- Google Scholar Search

• Zotero - pubmed 복수

The screenshot illustrates the process of importing multiple PubMed records into Zotero. The browser window shows a search for "N Engl J Med" AND "logistic regression". The Zotero dialog box, titled "항목 선택" (Item Selection), allows the user to select items to be added to their library. The first item, "Intensive Supportive Care plus Immunosuppression in IgA Nephropathy", is selected and highlighted with a red circle '1'. Below the browser, the Zotero interface shows the selected item in the list, also highlighted with a red circle '3'. The item details on the right show the item type as "저널 기사" (Journal Article) and the folder "연습..." (Practice...) selected for saving, highlighted with a red circle '2'.

항목 선택	항목 타입	저자
<input checked="" type="checkbox"/> Intensive Supportive Care plus Immunosuppression in IgA Nephropathy. 1	저널 기사	Moore, Halle C. F.
<input type="checkbox"/> Paclitaxel-Eluting versus Everolimus-Eluting Coronary Stents in Diabetes.		Unger, Joseph M.
<input checked="" type="checkbox"/> Hypothermia for Intracranial Hypertension after Traumatic Brain Injury.		Phillips, Kelly-Anne
<input type="checkbox"/> Age of transfused blood in critically ill adults.		Porter, David
<input checked="" type="checkbox"/> Goserelin for ovarian protection during breast-cancer adjuvant chemotherapy.		Francis, Prudence A.
<input type="checkbox"/> A randomized trial of intraarterial treatment for acute ischemic stroke.		
<input type="checkbox"/> Long-term effect of hospital pay for performance on mortality in England.		
<input type="checkbox"/> Antidepressant use in pregnancy and the risk of cardiac defects.		
<input type="checkbox"/> Use of Vibrio cholerae vaccine in an outbreak in Guinea.		
<input type="checkbox"/> ART, AZV, ombitasvir and dasabuvir with ribavirin for hepatitis C with cirrhosis.		

• Zotero - pubmed 단수

The image shows a web browser window displaying a PubMed article page and the Zotero software interface. The browser window shows the article "Surgical Treatment of Isolated Patellofemoral Osteoarthritis" with a red circle '1' next to the title. The Zotero interface shows a list of articles with the same title highlighted by a red circle '4'. A red circle '2' points to the Zotero toolbar in the browser, and a red circle '3' points to the 'Saving to' dropdown menu in Zotero.

Browser Window:










- Address bar: www.ncbi.nlm.nih.gov/pmc/articles/PMC3903957/
- Search bar: 검색
- Navigation: 최근 태그 순, 자주 방문 순, Getting Started, Latest Headlines, 자주 방문 순, Firefox 시작하기
- NCBI Resources: How To, kjhnav, My NCBI, Sign Out
- Search: PMC, Search
- Journal List > HSS J > v.10(1); 2014 Feb > PMC3903957
- Springer HSS Journal banner
- Article info: HSS J. 2014 Feb; 10(1): 79-82. PMCID: PMC3903957
- Article title: **Surgical Treatment of Isolated Patellofemoral Osteoarthritis** (1)
- Author: E. Carlos Rodriguez-Merchan, MD, PhD
- Formats: Article | PubReader | ePub (beta) | PDF (219K) | Citation
- Share: Facebook, Twitter, Google+

Zotero Interface:

- Left sidebar: 서울대 가정의학과, 연수강좌, 연습, 임상 계산기, 참고문헌 통일 양식, 책 쓰기, 통계 관련, boxer knuckle, cios 2012 9월 v.4 n.3, cios 2012년 12월 v.4 n.4, cios 2012년 12월 v.4 n.4 2012...
- Table:

제목	창작자
Goserelin for ovarian protection during breast-cancer adjuvant chemotherapy	Moore et al.
Hypothermia for Intracranial Hypertension after Traumatic Brain Injury	Andrews et al.
Intensive Supportive Care plus Immunosuppression in IgA Nephropathy	Rauen et al.
Surgical Treatment of Isolated Patellofemoral Osteoarthritis	Rodriguez-Merchan
- Right sidebar: 정보, 노트, 태그, 관련 페이지
- Item details: 항목 타입: 저널 기사, 제목: Surgical Treatment of Isolated Patellofemoral Osteoarthritis, 저자: Rodriguez-Merchan, E. C... (3)
- Saving to: 연습...
 - Surgical Treatment of Isolated Patellofemoral Osteoarthritis
 - PubMed Central Full Text PDF
 - PubMed Central Link

• Zotero - PDF 자동으로

제목	참작자		
▶  Goserelin for ovarian protection during breast-cancer adjuvant chemotherapy	Moore et al.		
▶  Hypothermia for Intracranial Hypertension after Traumatic Brain Injury	Andrews et al.		
▶  Intensive Supportive Care plus Immunosuppression in IgA Nephropathy	Rauen et al.		
▶  Surgical Treatment of Isolated Patellofemoral Osteoarthritis	Rodriguez-Merchan		
 PubMed Central Full Text PDF			
 PubMed Central Link			

• Zotero - KoreaMed

The screenshot displays the KoreaMed website interface. The search results for 'knee [ALL]' are shown, with the first result selected: '1. Clin Orthop Surg. 2015 Dec;7(4):505'. A dialog box titled '항목 선택' (Item Selection) is open, showing the selected item: 'Suture Bridge Fixation Technique for Posterior Cruciate Ligament Avulsion Fracture'. The browser's address bar shows the URL: 'koreamed.org/SearchBasic.php?RID=0157CIOS%2F2015.7.4.505&DT=1&QY=knee+[ALL]'. The page includes navigation links, search filters, and a list of search results. A Zotero toolbar is visible at the bottom, showing a list of items and a 'Saving to' dialog box.

항목 선택

라이브러리에 추가하고 싶은 항목 선택

- Suture Bridge Fixation Technique for Posterior Cruciate Ligament Avulsion Fracture

Select All Deselect All

확인 취소

1. *Clin Orthop Surg.* 2015 Dec;7(4):505

Suture Bridge Fixation Technique for Posterior Cruciate Ligament Avulsion Fracture.

제목	창작자
Goserelin for ovarian protection during breast-cancer adjuvant chemotherapy	Moore et al.
Hypothermia for Intracranial Hypertension after Traumatic Brain Injury	Andrews et al.
Intensive Supportive Care plus Immunosuppression in IgA Nephropathy	Rauen et al.
Surgical Treatment of Isolated Patellofemoral Osteoarthritis	Rodriguez-Merchan

정보 노트 태그 관련 페이지

1 노트 추가

상당히 흥미로운 주제

Saving to 연습...

• Zotero - 구글 학술 검색

The image shows a Google Scholar search for 'knee' with approximately 2,370,000 results. A '항목 선택' (Item Selection) dialog box is open, listing several academic articles. Below the browser, the Zotero software interface is visible, displaying a list of search results with columns for '제목' (Title) and '창작자' (Author). The selected item is 'Suture Bridge Fixation Technique for Posterior Cruciate Ligament Avulsion Fracture' by Lee et al. The Zotero interface also shows a sidebar with folders and a right-hand pane with metadata for the selected item, including '항목 타입: 저널 기사' and '저자: Lee, Kwang Won'.

항목 선택

라이브러리에 추가하고 싶은 항목 선택

- Electronic television program guide schedule system and method with data feed access
- Family-genetic and psychosocial risk factors in DSM-III attention deficit disorder
- [PDF][PDF] Rationale of the Knee Society clinical rating system
- The Canadian galactic plane survey
- A double-blind placebo controlled study of desipramine in the treatment of ADD: I. Efficacy
- Expression and location of Hsp70/Hsc-binding anti-apoptotic protein BAG-1 and its variants in normal tissues and tum...
- The role of need fulfillment in relationship functioning and well-being: a self-determination theory perspective.
- The integrating self and conscious experience
- Evaluation of knee ligament surgery results with special emphasis on use of a scoring scale
- Program guide system with real-time data sources

Select All Deselect All 확인 취소

제목	창작자
Goserelin for ovarian protection during breast-cancer adjuvant chemotherapy	Moore et al.
Hypothermia for Intracranial Hypertension after Traumatic Brain Injury	Andrews et al.
Intensive Supportive Care plus Immunosuppression in IgA Nephropathy	Rauen et al.
Surgical Treatment of Isolated Patellofemoral Osteoarthritis	Rodriguez-Merchan
Suture Bridge Fixation Technique for Posterior Cruciate Ligament Avulsion Fracture	Lee et al.

정보 노트 태그 관련 페이지

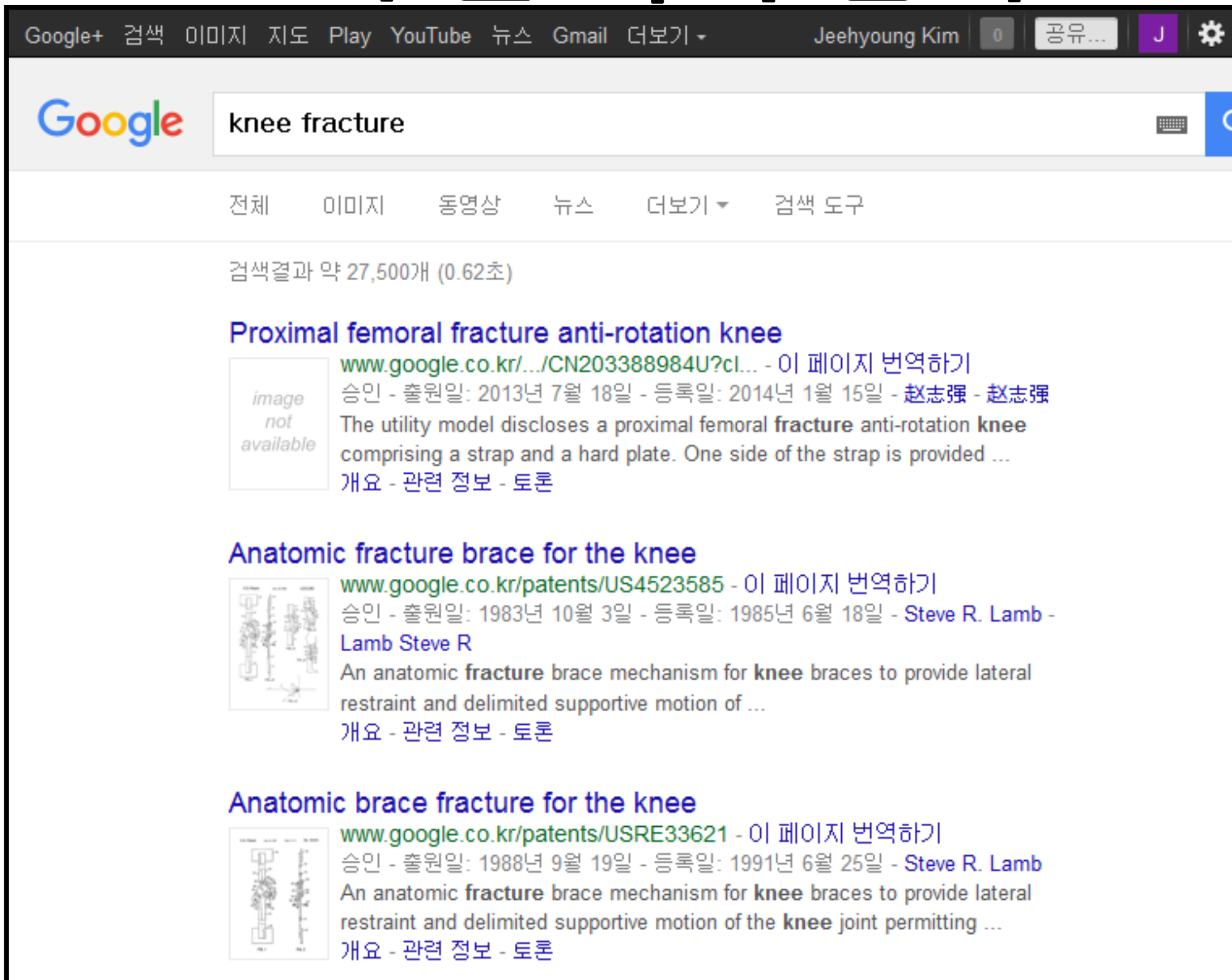
항목 타입: 저널 기사
 제목: Suture Bridge Fixation Technique for Posterior Cruciate Ligament Avulsion Fracture
 저자: Lee, Kwang Won
 저자: Saving to 연습...
 저자: ...
 저자: ...
 요약: ...

• Zotero - NEJM 등 각종 유명저널

The screenshot shows a web browser window with the URL www.nejm.org/doi/full/10.1056/NEJMs1501738?query=featured_home. The browser's Zotero extension menu is open, showing options for saving the page to Zotero using various methods (e.g., Taylor and Francis+NEJM, Atypon Journals, DOI, Embedded Metadata). The NEJM website content includes a navigation menu, a search bar, and a list of articles. The article 'Planned Out-of-Hospital Birth and Birth Outcomes' by Snowden et al. is highlighted in the table below.

제목	창작자
Goserelin for ovarian protection during breast-cancer adjuvant chemotherapy	Moore et al.
Hypothermia for Intracranial Hypertension after Traumatic Brain Injury	Andrews et al.
Intensive Supportive Care plus Immunosuppression in IgA Nephropathy	Rauen et al.
Planned Out-of-Hospital Birth and Birth Outcomes	Snowden et al.
Surgical Treatment of Isolated Patellofemoral Osteoarthritis	Rodriguez-Merchan
Suture Bridge Fixation Technique for Posterior Cruciate Ligament Avulsion Fracture	Lee et al.

• Zotero - 구글 특허 검색



The screenshot shows a Google search interface with the query "knee fracture". The search results are filtered to show patents. The top result is titled "Proximal femoral fracture anti-rotation knee" with a thumbnail image that says "image not available". The second result is titled "Anatomic fracture brace for the knee" with a technical diagram thumbnail. The third result is titled "Anatomic brace fracture for the knee" with another technical diagram thumbnail. Each result includes a link to the patent page, the inventor's name, and a brief description of the invention.

Google+ 검색 이미지 지도 Play YouTube 뉴스 Gmail 더보기 ▾ Jeehyoung Kim 0 공유... J ⚙

Google knee fracture

전체 이미지 동영상 뉴스 더보기 ▾ 검색 도구

검색결과 약 27,500개 (0.62초)

Proximal femoral fracture anti-rotation knee
www.google.co.kr/.../CN203388984U?cl... - 이 페이지 번역하기
승인 - 출원일: 2013년 7월 18일 - 등록일: 2014년 1월 15일 - 赵志强 - 赵志强
The utility model discloses a proximal femoral **fracture anti-rotation knee** comprising a strap and a hard plate. One side of the strap is provided ...
개요 - 관련 정보 - 토론

Anatomic fracture brace for the knee
www.google.co.kr/patents/US4523585 - 이 페이지 번역하기
승인 - 출원일: 1983년 10월 3일 - 등록일: 1985년 6월 18일 - Steve R. Lamb - Lamb Steve R
An anatomic **fracture brace** mechanism for **knee braces** to provide lateral restraint and delimited supportive motion of ...
개요 - 관련 정보 - 토론

Anatomic brace fracture for the knee
www.google.co.kr/patents/USRE33621 - 이 페이지 번역하기
승인 - 출원일: 1988년 9월 19일 - 등록일: 1991년 6월 25일 - Steve R. Lamb
An anatomic **fracture brace** mechanism for **knee braces** to provide lateral restraint and delimited supportive motion of the **knee joint** permitting ...
개요 - 관련 정보 - 토론

• Zotero - 구글 특허 검색

The screenshot shows a web browser window with the Google patent search results for 'knee fracture'. The search results include a list of patents with their titles and authors. The first result is 'Anatomic fracture brace for the knee' by Lamb and Moore. The Zotero interface is overlaid on the browser, showing the search results in a table and a detailed view of the selected patent.

구글 특허 검색 결과:

제목	창작자
Anatomic fracture brace for the knee	Lamb 그리고 Moore
Goserelin for ovarian protection during breast-cancer adjuvant chemotherapy	Moore et al.
Hypothermia for Intracranial Hypertension after Traumatic Brain Injury	Andrews et al.
Intensive Supportive Care plus Immunosuppression in IgA Nephropathy	Rauen et al.
Planned Out-of-Hospital Birth and Birth Outcomes	Snowden et al.
Surgical Treatment of Isolated Patellofemoral Osteoarthritis	Rodriguez-Merchan
Suture Bridge Fixation Technique for Posterior Cruciate Ligament Avulsion Fracture	Lee et al.

Zotero 상세 정보:

- 항목 타입: 특허
- 제목: Anatomic fracture brace for the knee
- 발명자: Lamb, Steve R.
- 발명자: Moore, Robert R.
- (...) 요약: An anatomic fracture brace mechanis...
- 발행지:
 - 국가: United States
 - 안수인: Lamb Steve R

• Zotero - 구글 특허 검색

The image shows a workflow for saving a patent from Google to Zotero. On the left, a browser window displays a Google search for 'knee fracture' with a '특허 검색' (Patent Search) section. On the right, a context menu is open over the search results, with a red circle '1' highlighting the option: "Google Patents"를 사용하여 Zotero로 저장 (Save to Zotero as Web Page (with snapshot)). Below this, the Zotero interface is shown with a red circle '2' highlighting the selected patent entry: "Anatomic fracture brace for the knee". The Zotero interface also displays the authors (Lamb and Moore) and the title of the patent.

• Zotero - Amazon에서 도서

The image illustrates the process of saving a book from Amazon to Zotero. It shows a browser window with search results for 'Medical Terminology' by BarCharts. The price is \$6.67, with a list price of \$6.95. The Zotero desktop application is open, showing a list of search results. The book 'Medical Terminology: The Basics' is highlighted in the list. The Zotero interface includes a sidebar with folders, a main list of search results, and a right-hand pane showing details for the selected book.

제목	저자
Goserelin for ovarian protection during breast-cancer adjuvant chemotherapy	Moore et al.
Hypothermia for Intracranial Hypertension after Traumatic Brain Injury	Andrews et al.
Intensive Supportive Care plus Immunosuppression in IgA Nephropathy	Rauen et al.
Let your liver rest for two days every week, drinkers are told	Whipple
Medical Terminology: The Basics	
Planned Out-of-Hospital Birth and Birth Outcomes	Snowden et al.
Surgical Treatment of Isolated Patellofemoral Osteoarthritis	Rodriguez-Merchan
Culture Bridge Fixation Technique for Posterior Cruciate Ligament Avulsion Fracture	Lee et al.

• Zotero - '구글도서'에서 도서

The screenshot illustrates the process of saving a book from Google Books to the Zotero library. The browser window shows a search for '연구자를 위한 그래프 그리기' (Graph Drawing for Researchers) on Google Books. The search results show the book title, author (김지형), and publication details. The Zotero application is open in the foreground, displaying the book entry in the library list. The Zotero interface includes a sidebar with a folder structure, a main list of items, and a right-hand pane showing the selected item's metadata.

제목	창작자	정보
그래프 그리기(연구자를 위한)	김지형	판본: 발행지: 출판사: 대한의학 날짜: 2013-03-28 y m d 총 페이지수: 189 언어: ko ISBN: 978-89-94467-44-3 짧은 제목: URL: 저자:
Anatomic fracture brace for the knee	Lamb 그리고 Moore	
Goserelin for ovarian protection during breast-cancer adjuvant chemotherapy	Moore et al.	
Hypothermia for Intracranial Hypertension after Traumatic Brain Injury	Andrews et al.	
Intensive Supportive Care plus Immunosuppression in IgA Nephropathy	Rauen et al.	
Let your liver rest for two days every week, drinkers are told	Whipple	
Medical Terminology:The Basics		
Planned Out-of-Hospital Birth and Birth Outcomes	Snowden et al.	
Surgical Treatment of Isolated Patellofemoral Osteoarthritis	Rodriguez-Merchan	

• Zotero - Times 등 신문기사

The screenshot shows a web browser window with the URL www.thetimes.co.uk/tto/science/article4654636.ece. The page title is "Science" and the main heading is "Welcome to your preview of The Times". The article title is "Let your liver rest for two days every week, drinkers are told".

The Zotero extension is open, showing a list of articles. The selected article is "Let your liver rest for two days every week, drinkers are told" by Whipple. The metadata panel shows the following information:

- 항목 타입: 신문 기사
- 제목: Let your liver rest for two days every week, drinkers are told
- 저자: Whipple, Tom
- (...) 요약: Official advice on alcohol consumption is...
- 간행: The Times (London)
- 발행지: London
- 판본:

제목	장작자
Anatomic fracture brace for the knee	Lamb 그리고 Moore
Goserelin for ovarian protection during breast-cancer adjuvant chemotherapy	Moore et al.
Hypothermia for Intracranial Hypertension after Traumatic Brain Injury	Andrews et al.
Intensive Supportive Care plus Immunosuppression in IgA Nephropathy	Rauen et al.
Let your liver rest for two days every week, drinkers are told	Whipple
Planned Out-of-Hospital Birth and Birth Outcomes	Snowden et al.
Surgical Treatment of Isolated Patellofemoral Osteoarthritis	Rodriguez-Merchan
Culture Bridge Fixation Technique for Posterior Cruciate Ligament Avulsion Fracture	Lee et al.

• Zotero - 유튜브 동영상

The screenshot shows a web browser window with a YouTube video player. The video title is "Odds vs. Probability". The browser's address bar shows the URL "https://www.youtube.com/watch?v=xV0AwuDQJ1o". The browser's tab bar shows several open tabs, including "relative risk vs ...", "Odds Ratio & ...", "'cubic equatio...", "Smoothing spl...", "웹에서 클릭만...", "책정보, 웹에서...", and "Data comparis...".

Below the browser window, the Zotero software interface is visible. The left sidebar shows a folder structure with "1.TKR 관련", "2.골절 관련", and "2010 v.2 n.3". The main pane displays a list of research papers with columns for "제목" (Title) and "창작자" (Author). The list contains 9 items, including:

제목	창작자
Ankle Deformity Secondary to Acquired Fibular Segmental Defect in Childr...	Kang et al.
Anterior Cruciate Ligament Reconstruction in Patients with Generalized Join...	Kim et al.
Are We Prepared for Geriatric Orthopedics?	Baek
Arthroscopic Treatment of Septic Arthritis of Acromioclavicular Joint	Noh et al.
Calcific Myonecrosis of the Antetibial Area	Chun 그리고 Shim
Cotyloplasty in Cementless Total Hip Arthroplasty for an Insufficient Acetab...	Kim et al.
Evaluation of Shoulder Disorders by 2-[F-18]-fluoro-2-deoxy-D-glucose Po...	Moon et al.
Prospective Evaluation of the Effectiveness of a Home-Based Program of Is...	Park et al.
Survival and Prognostic Analysis of Adjacent Segments after Spinal Fusion	Ahn et al.

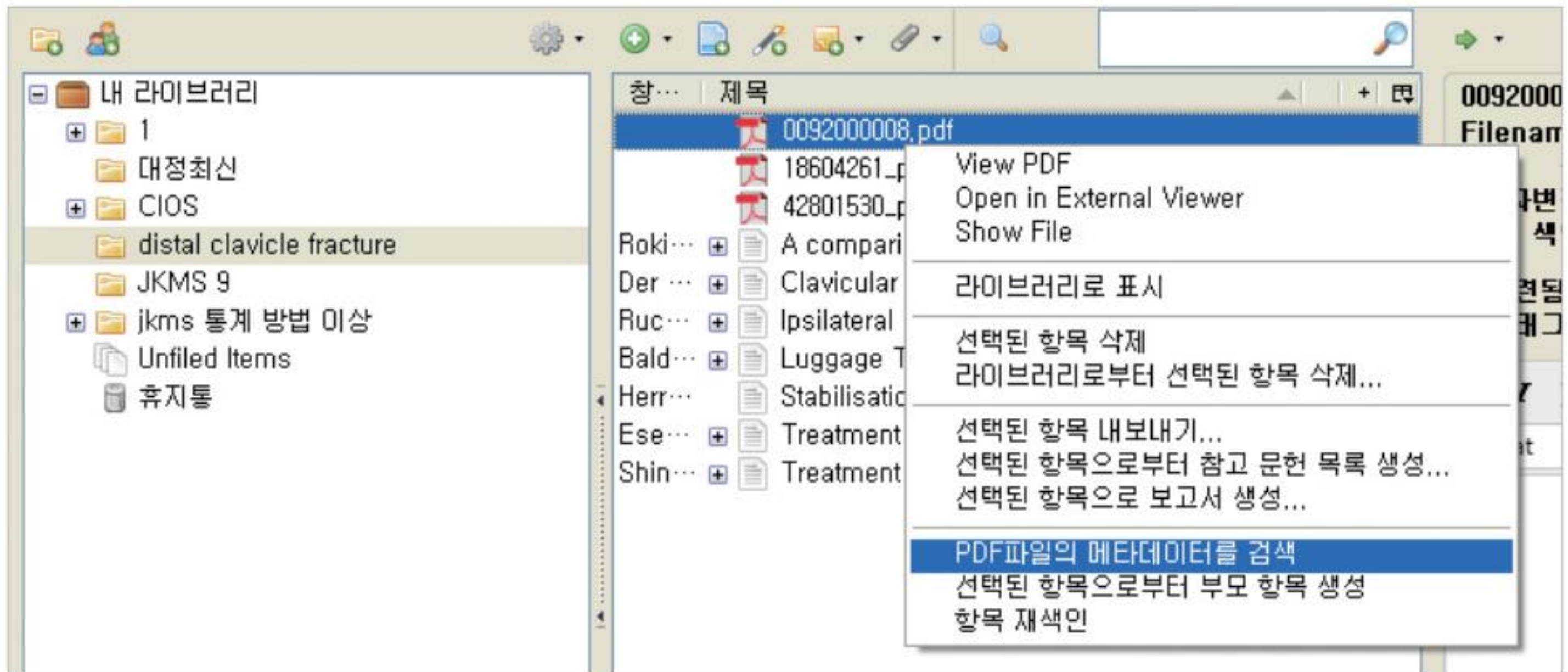
The right pane of the Zotero interface shows "9 items in this view".

• Zotero - 다양한 포맷

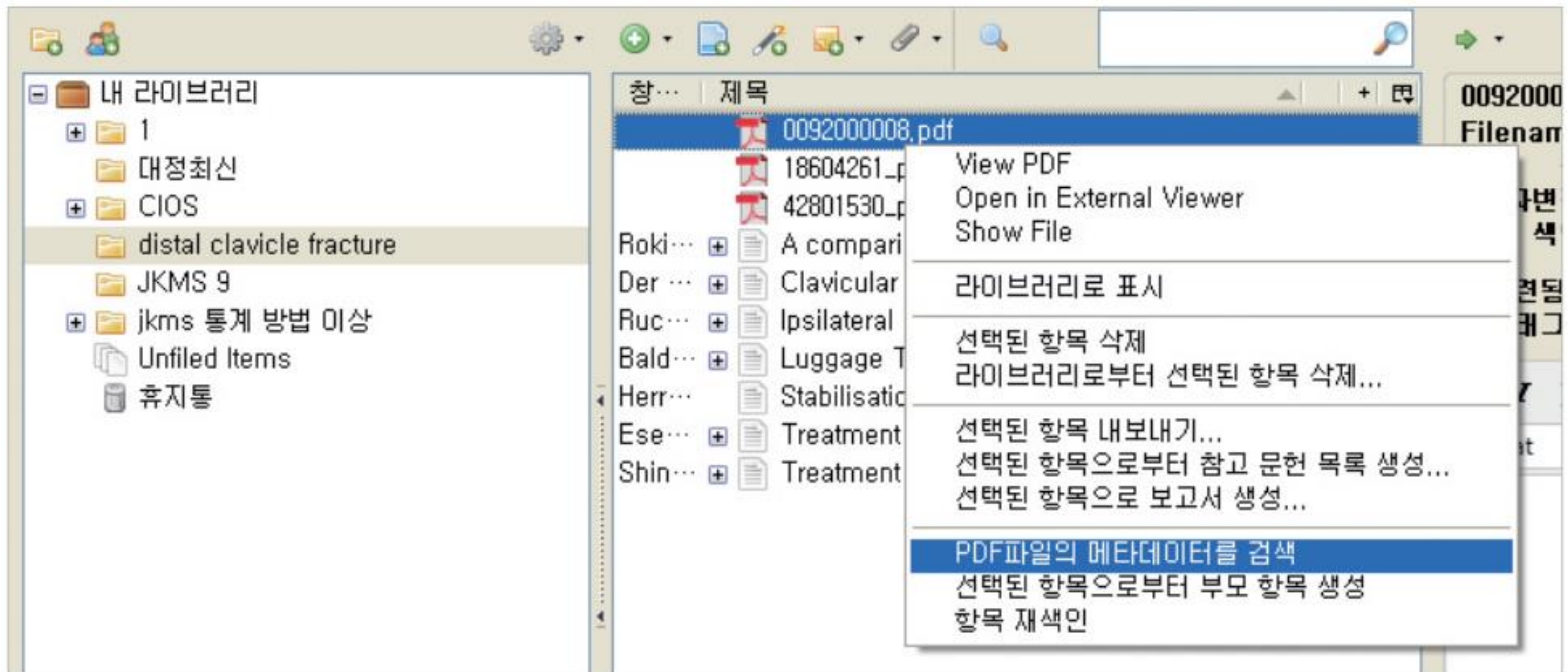
The screenshot shows the 'Information' (정보) tab in Zotero's metadata editor. It displays a list of metadata fields and their corresponding values. At the bottom, a dropdown menu is open, showing various document types, with '특허' (Patent) highlighted in blue.

Field	Value
항목 타입: 특허	특허
제목:	공청회
발명자:	긴급 메시지
발명자:	녹음
(...) 요약:	녹화
발행지:	논문
국가:	라디오 방송
양수인:	문서
Issuing Authority:	발표
특허 번호:	백과사전 항목
Filing Date:	법령
쪽:	보고서
출원 번호:	블로그 게시물
우선 번호:	사전 항목
발행일:	서적
참조:	서적 구역
법적지위:	소송
언어:	신문 기사
짧은 제목:	영화
URL:	예술품
접근일:	원고
소유권:	웹 페이지
추가사항:	의안
	이메일
	인터뷰
	잡지 기사
	저널 기사
날짜 추가:	지도
날짜변경:	컴퓨터 프로그램
	토론 게시물
	특허
	팟캐스트
	편지
	회의문
	TV 방송

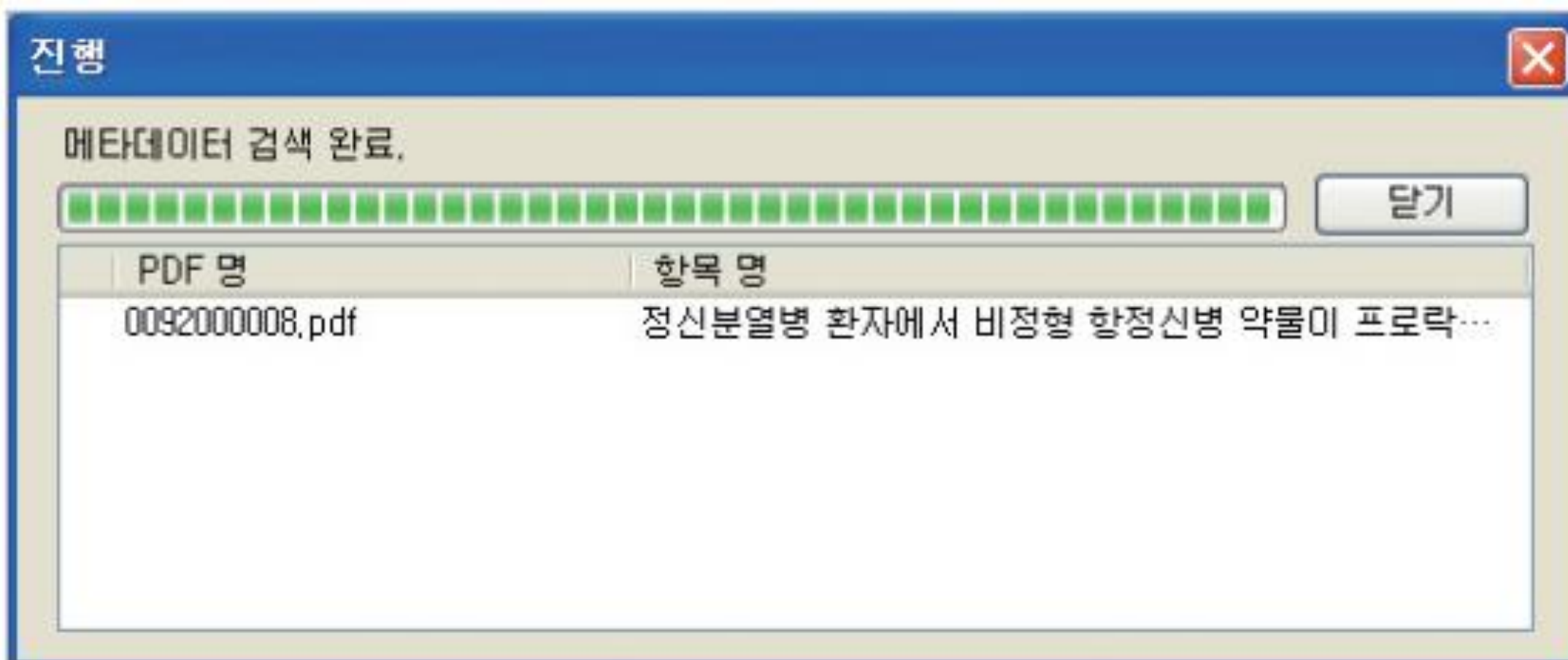
• Zotero - PDF를 먼저



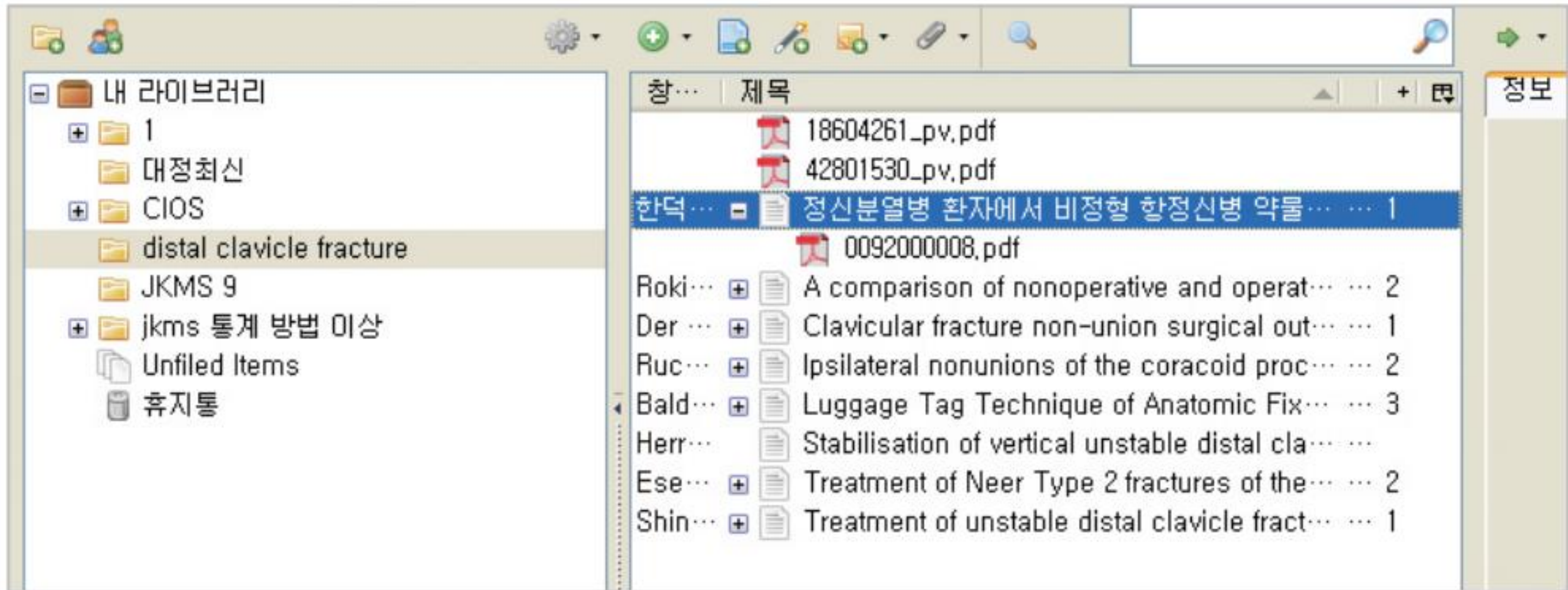
• Zotero - PDF를 먼저



- Zotero - PDF를 먼저



• Zotero - PDF를 먼저



• Endnote/Mendeley/Zotero

e
더보기 ▾ 랜덤 블로그»
jeehyoung.kim@gmail.com 대시보드 로그아웃

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Sunday, July 11, 2010

Extracting metadata from pdfs - comparing EndNote, Mendeley, Zotero & WizFolio

Note :This was blogged in July 2010, since then most of the reference managers have improved substantially so the information here can be considered outdated.

Interest in reference managers is increasing due to the increased competition in the area. Martin Fenner is pretty well known for among many things his [reference manager overview](#) , while Owen Stephens over in the UK has organized two conferences so far with the title "[Innovations in Reference Management](#)"

The latest reference managers are not simple citation/reference managers, but try to take into account web2.0 trends, allowing sharing of references and recommending articles, taking into account workflows, (working with institutional repositories etc), but I think I'm most interested in the most basic functions of a reference manager.

Namely, how easily does it allow you to import references?

There are many methods that can be used to add references to reference managers but recently [EndNote X4](#) added the ability to add bibliographic data from the pdfs you download.

This feature which was already available for [Mendeley](#), [Zotero](#), [Wizfolio](#) is very useful for users who have a bunch of pdf articles but have being manually creating references in the past. To start using the reference manager, they just point the reference manager to the folders with the pdfs and you automatically get the correct bibliographic data with the pdfs linked to them.

It's not as easy as that of course. There are various methods to figure out the bibliographic data from the pdf article, from extracting metadata that Publishers have [embedded into metadata \(including doi\) into the pdf](#), cross-checking with other databases such as Google Scholar ([Zotero](#)), PubMed ([WizFolio](#)) , or possibly some sort of [crowdsourcing of the correct info \(Mendeley\)](#). If all else fails, the reference manager can try to "guess" from the text based on location.

• Endnote/Mendeley/Zotero

Article title	EndNote	Mendeley	Zotero	WizFolio
Reengineering the Wikipedia for Reputation (ScienceDirect)	PASS	PASS	PASS	PASS
How and why do college students use Wikipedia? (Wiley)	PASS	PASS	PASS	PASS
Personality characteristics of wikipedia members (Lieberonline.com)	PASS	PARTIAL	PASS	PASS
Toward an epistemology of Wikipedia (Wiley)	PASS	PASS	PARTIAL	PASS
Wikipedia-assisted concept thesaurus for better web media understanding (ACM DL)	FAIL	PARTIAL	PASS	FAIL
Labeling news topic threads with wikipedia entries (IEEE)	PARTIAL	PARTIAL	PASS	PARTIAL
Annotating wikipedia articles with semantic tags for structured retrieval (ACM DL)	FAIL	PARTIAL	PASS	FAIL
Is Wikipedia link structure different? (ACM DL)	FAIL	PARTIAL	PASS	FAIL
The importance of link evidence in Wikipedia (Springer book chapter)	FAIL	PARTIAL	PARTIAL	FAIL
Understanding the wikipedia phenomenon: A case for agent based modeling (ACM DL)	FAIL	PARTIAL	PASS	FAIL
Total	4 Pass, 1 Partial, 5 Fail.	3 Pass, 7 Partial	8 Pass, 2 Partial	4 Pass, 1 Partial, 5 Fail

• Endnote/Mendeley/Zotero

Article title	EndNote	Mendeley	Zotero	WizFolio
Reengineering the Wikipedia for Reputation (ScienceDirect)	PASS	PASS	PASS	PASS
How and why do college students use Wikipedia? (Wiley)	PASS	PASS	PASS	PASS
Personality characteristics of wikipedia members (Liebertonline.com)	PASS	PARTIAL	PASS	PASS
Toward an epistemology of Wikipedia (Wiley)	PASS	PASS	PARTIAL	PASS
Wikipedia-assisted concept thesaurus for better web media understanding (ACM DL)	FAIL	PARTIAL	PASS	FAIL
Labeling	PARTIAL	PARTIAL	PASS	PARTIAL

4 Pass, 1 Partial, 5 Fail.	3 Pass, 7 Partial	8 Pass, 2 Partial	4 Pass, 1 Partial, 5 Fail

Total	4 Pass, 1 Partial, 5 Fail.	3 Pass, 7 Partial	8 Pass, 2 Partial	4 Pass, 1 Partial, 5 Fail
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Comments on results

EndNote

[The video on new features in EndNote](#) states that this features works only on official vendor pdfs, and pulls info via crossref/doi. In general EndNote plays it safe, unlike say [Mendeley](#) or [WizFolio](#) when it produces a citation, it almost always 100% correct. There's one exception, where it doesn't seem to handle conference proceeding properly, earning a "partial" because it thinks the citation is a journal, and hence lacks information for the conference.

Mendeley

[edit] I was not logged into my Mendeley account when I did the test. A quick retest shows that when logged in, Mendeley seems to be automatically? pulling in data from other sources (crossref?), results will then be on par with Zotero in this test. Will investigate. What follows below is based on not being logged on.

I'm not sure how Mendeley handles this, but my test of the 10 papers above, show that it is almost able to get something for sure though it's not 100% accurate, resulting in many "partials". This can vary from cases where it gets its almost completely correct except for the journal/conference field being wrong or missing, or to be almost totally incorrect, with many missing or error fields and the article title being correct only.

Zotero

In this simple test, Zotero seems to do the best. It seems to be similar to EndNote extracting the metadata via DOI (There's one anomaly - the 4th title where it gets it almost right, except the title is messed up with crossref xml tags) , but it outdoes EndNote, by producing almost perfect bibliographic data for an additional 5 entries.

The trick seems to be that Zotero pulls records from Google Scholar. Unlike EndNote, Zotero also seems to be able to recognize article types other than journal articles, correctly using conference paper types with the correct field info.

• Endnote/Mendeley/Zotero

In general, EndNote seems to be the baseline results. Zotero does the best because of Google Scholar intergration. Mendeley and WizFolio gives mixed results, of the two Mendeley seems better but both sometimes give wrong information. In terms of publishers, Wiley and ScienceDirect articles seems to be the easiest to handle probably because metadata/doi is embedded in pdf?

These are the "official" pdfs from the publisher, so in theory, figuring out the citations would be easy. The next simple test I did was to do a search in Google Scholar. The idea here was to see how well the reference managers did with conference proceedings, "unofficial" preprints etc.

• Endnote/Mendeley/Zotero

In general, EndNote seems to be the baseline results. Zotero does the best because of Google Scholar intergration. Mendeley and WizFolio gives mixed results, of the two Mendeley seems better but both sometimes give wrong information. In terms of publishers, Wiley and ScienceDirect articles seems to be the easiest to handle probably because metadata/doi is embedded in pdf?

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Endnote와 비교

These are the "official" pdfs from the publisher, so in theory, figuring out the citations would be easy. The next simple test I did was to do a search in Google Scholar. The idea here was to see how well the reference managers did with conference proceedings, "unofficial" preprints etc.

Article title	EndNote	Mendeley	Zotero	WizFolio
The Wikipedia XML corpus (ACM DL)	FAIL	PASS	PASS	FAIL
Computing semantic relatedness using wikipedia-based explicit semantic analysis (aaai.org)	FAIL	PARTIAL	PASS	PARTIAL
Semantic Wikipedia (ACM DL)	FAIL	PARTIAL	PASS	FAIL
WikiRelate! Computing Semantic Relatedness Using Wikipedia (aaai.org)	FAIL	PARTIAL	PASS	PARTIAL
Measuring Wikipedia (hapticity.net , preprint)	FAIL	PARTIAL	PASS	FAIL
Total	5 Fail	1 Pass, 4 Partial	5 Pass	2 Partial, 3 Fail

• Endnote/Mendeley/Zotero

Conclusion

Let me stress again, this is a test I did out of curiosity. A sample of 15 articles clearly isn't enough to provide anything but my subjective impressions. For one thing it covers only articles mostly from ScienceDirect, Wiley and ACM Digital Library. Results will differ in particular if you get papers from say JSTOR.

Also due to the search topic used, understandably the articles pulled up are all new (2005 and after), the results will probably differ a lot if articles used were say from the 90s or even older, as the pdfs available would be different (no metadata embeded or worse just scanned pdfs).

I'm probably going to have to do another test with this, but the last time I tried, the hit rate was dismal for older articles even those in major databases like JSTOR. Another interesting avenue would be to look at stuff on preprint servers, open access servers etc.

Note it goes without saying, if I were doing medical articles and used Wizfolios "locate bibliography" function to clean up citations, I'm sure the results would be excellent.

- EndNote

- 유료

- Web 버전 무료 (PDF 첨부 안됨)

- Zotero

- 무료 평생

- 여러 컴퓨터 무료

- EndNote
 - 개인용, one PC
- Zotero
 - 여러 대 Cloud로 공유
 - 메일처럼 아무 컴에서나
 - 공유폴더로 공동연구

- EndNote

- 집에서 하려면?

- 노트북 들고 다닌다

- 다른 사람과 공유하려면?

- 파일로 메일로 첨부?

- Endnote Web 공유(PDF첨부 안됨)

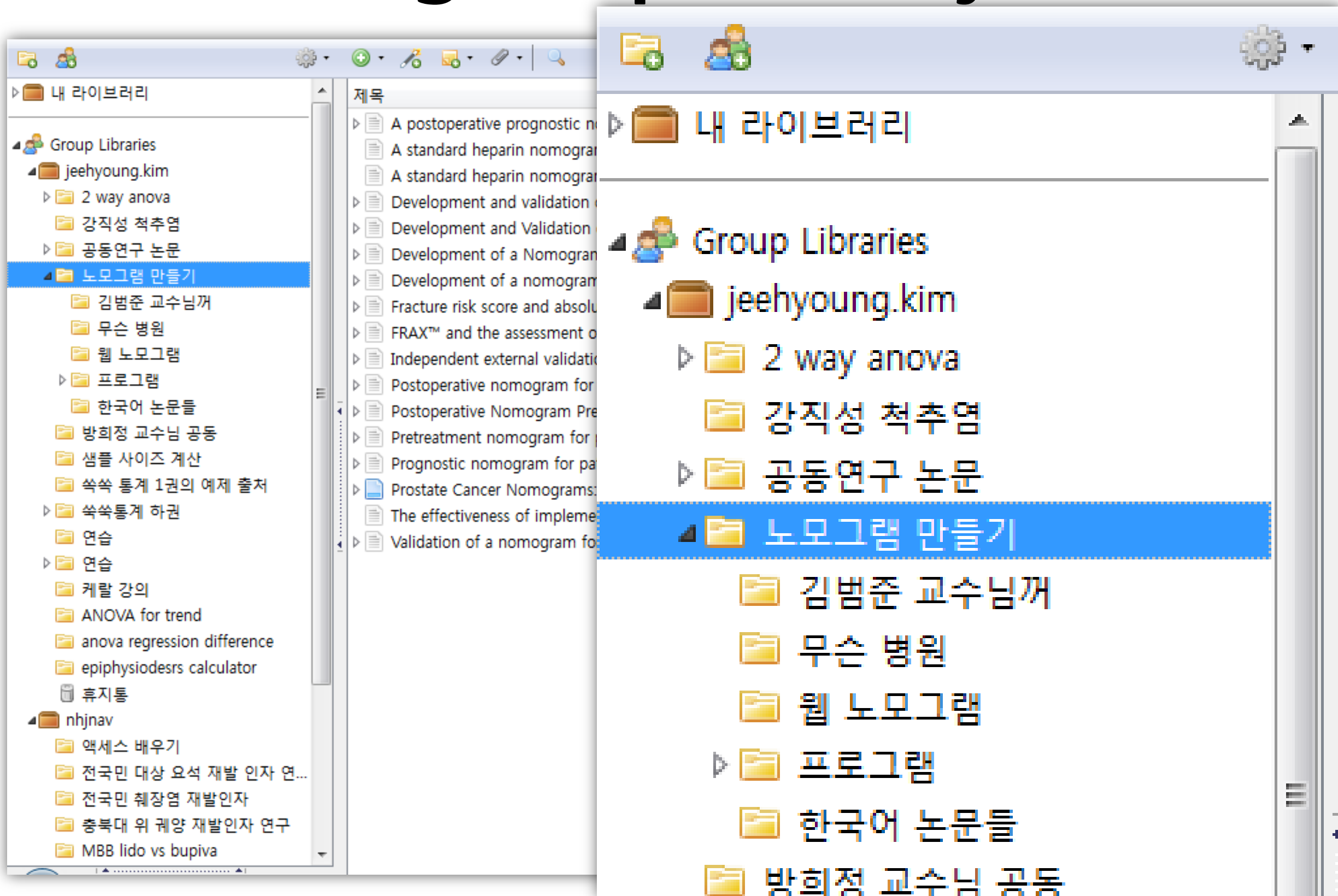
- **Zotero**

- **집에서 하려면**

- 그냥 한다. ID PW로

- **다른 사람과 공유하려면**

• Zotero - group library



- Zotero - group library
 - 상대방이 ID를 가지고 있어야
 - PDF도 공유
 - 권한 설정 가능
 - 보기만 가능
 - 보기 + 편집 가능
 - 여러 명 가능

- Zotero - 공개 가능
 - 내가 수집한 논문을 공개
 - 나의 관심 공개
 - PDF첨부는 안됨
 - Follower/following

• Zotero - 공개 가능

Anna Marie Clifton


Location
Savannah, GA

Disciplines
• Art History



Affiliation
The Savannah College of Art and Design (SCAD)

About me
I am finishing my undergraduate career in early medieval art history at The Savannah College of Art and Design (SCAD). I currently work as a research assistant for the Dean of Liberal Arts at SCAD, and I am looking for (any) work in New York City, where I plan to move in early June.

Following (20)



Followers (3)



Groups

- Medieval Art (9)
- medieval (22)

• Zotero - 공개 가능

The screenshot shows the Zotero website interface. At the top left is the 'zotero' logo. To the right are links for 'Log In' and 'Register', and a blue button for 'Upgrade Storage'. Below the logo is a navigation menu with 'Home', 'Groups', 'People', 'Documentation', 'Forums', and 'Get Involved'. A search bar for 'Search for people' is also present. The main content area is titled 'Zotero People' and includes a 'Search for people' link. Below this is a section for 'New Zotero people' featuring a grid of 30 small profile pictures. To the right of the grid is a 'Join the Zotero Community' section with three bullet points: 'Discover' researchers, 'Browse' other researchers' CVs and shared libraries, and 'Create' your own profile. At the bottom of the grid is a link to 'Browse for people by discipline'.

zotero

Log In · Register

Upgrade Storage

Home Groups **People** Documentation Forums Get Involved

Search for people Search

[Home](#) > People

Zotero People

[Search for people](#)

New Zotero people

Join the Zotero Community

Discover researchers working on similar projects both in your field and in others.

Browse through other researchers' CVs and shared libraries for a quick view of their work and interests.

Create your own Zotero profile to help other researchers discover you and your work.

[Sign up now](#) or [log in](#)

Browse for people by discipline



• Zotero - people

Browse for people by discipline

Aeronautics (856)	History of Science and Medicine (2186)
African American Studies (2930)	Humanities (6612)
Agriculture (1680)	Information Science and Technology (10084)
American Studies (4686)	Journalism, Media, and Communication (4171)
Anthropology (4547)	Languages (4331)
Applied Mathematics (1578)	Law (3439)
Applied Physics (1316)	Library and Museum Studies (4588)
Archaeology (2416)	Linguistics (3887)
Architecture and Design (2866)	Literature (5782)
Area Studies (1749)	Materials Science (1634)
Art History (4334)	Mathematics (2837)
Astronomy and Astrophysics (1320)	Mechanical Engineering (1797)
Bioengineering (1728)	Medicine (8377)
Biology (7256)	Military Sciences (895)
Business (14451)	Molecular Biophysics and Biochemistry (2019)
Chemical Engineering (1234)	Music and Musicology (2944)
Chemistry (3347)	
Civil Engineering (1385)	



- EndNote

- 엄청 교육 많이 한다.

- Zotero

- 교육이 없다 → 있다.

- 포항공대 도서관(아마 유일)

- 차이점은 있지만 점점 비슷

나에게 말하는 툴

- **병원장, 도서관장, 사서**
 - Zotero.
 - 무료
 - 교육이 거의 필요없다

- Pubmed만 사용한다.
 - EndNote ≒ Zotero
 - 충분히 편리하다.
 - Zotero :subject heading을 자동 tag

- Koreamed, 구글 스칼라, 구글북스, 아마존, 구글 뉴스, 위키피디아, 특허 등
 - Zotero>>EndNote
 - 다양한 포맷에서도 가능하다

- 파워포인트, 블로그, 책의 각주, 미주
 - Zotero.
 - 예) Darouiche, Rabih O., Matthew J. Wall, Kamal M.F. Itani, Mary F. Otterson, Alexandra L. Webb, Matthew M. Carrick, Harold J. Miller기타. "Chlorhexidine–Alcohol versus Povidone–Iodine for Surgical-Site Antisepsis". *New England Journal of Medicine* 362, 호 1 (2010년 1월 7일): 18–26.
doi:10.1056/NEJMoa0810988.
 - 최근에 엔드노트도 파워포인트에 첨부

- 웹브라우저를 IE를 꼭 써야 한다.
 - EndNote.
 - Zotero는 IE에서는 안된다.
(크롬, 파이어폭스, 사파리)

- PC와 Mac을 둘 다 사용한다.
 - Zotero > Endnote web > Endnote
 - 병원과 집도 가능하다.

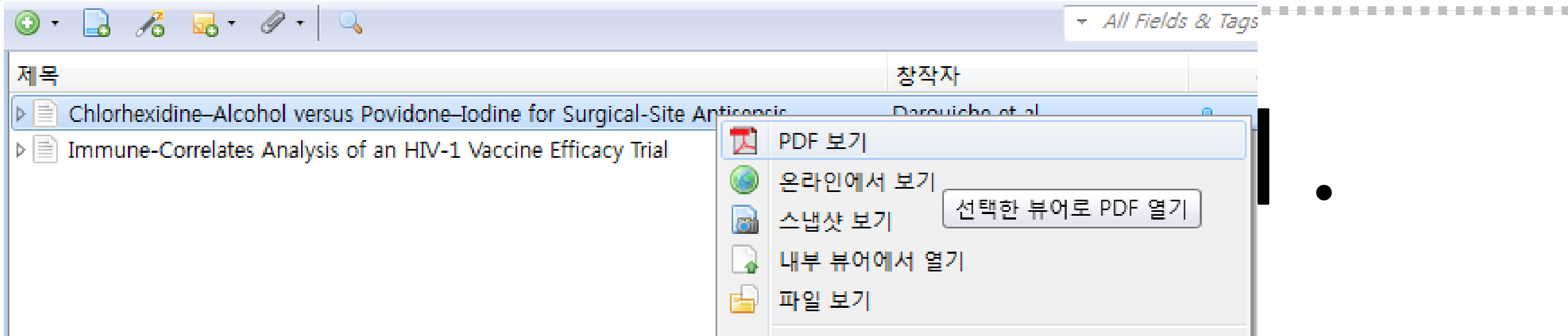
- 여러 연구자와 공유가 잦다.
 - Zotero >> Endnote web >>
Endnote
 - 보여주기/편집허용 등 옵션.

- PDF로 자료 찾기
 - Zotero ≧ EndNote
 - 구글학술검색 이용
: 메타데이터 이용

- PDF 보는 것을 좋아한다.
 - EndNote > Zotero
 - PDF가 바로 옆에 보인다.

• PDF
FILE

The screenshot displays the EndNote X5 interface. The left sidebar shows a library structure with categories like 'My Library', 'My Groups', 'Diabetes', and 'EndNote Web'. The main window is divided into a list of references and a preview pane. The preview pane shows a PDF document titled 'Replication of TCF7L2 rs7903146 association with type 2 diabetes in an Iranian population'. The authors listed are Mahsa M. Amoli, Parvin Amiri, Javad Tavakkoly-Bazzaz, Elham Charmchi, Jila Hafeziyeh, Mohammad Keramatipour, Maryam Abiri, Shirin Hasani Ranjbar, and Bagher Larijani. The affiliation is the Endocrinology and Metabolism Research Centre, Tehran University of Medical Sciences, Tehran, Iran. The abstract discusses the association between the TCF7L2 rs7903146 T allele and Type 2 diabetes in an Iranian population. The status bar at the bottom indicates 'Showing 113 of 113 references.' and 'Hide Tab Pane'.

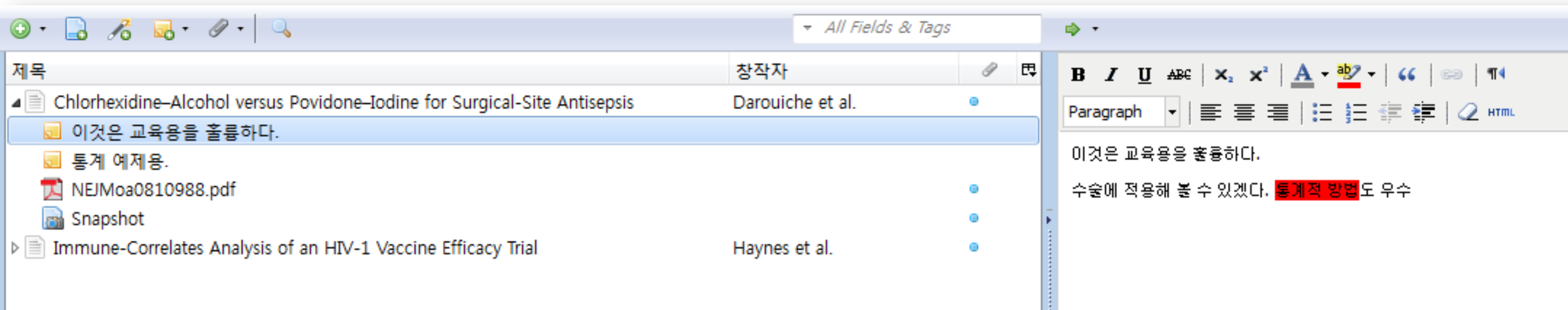


-Zot



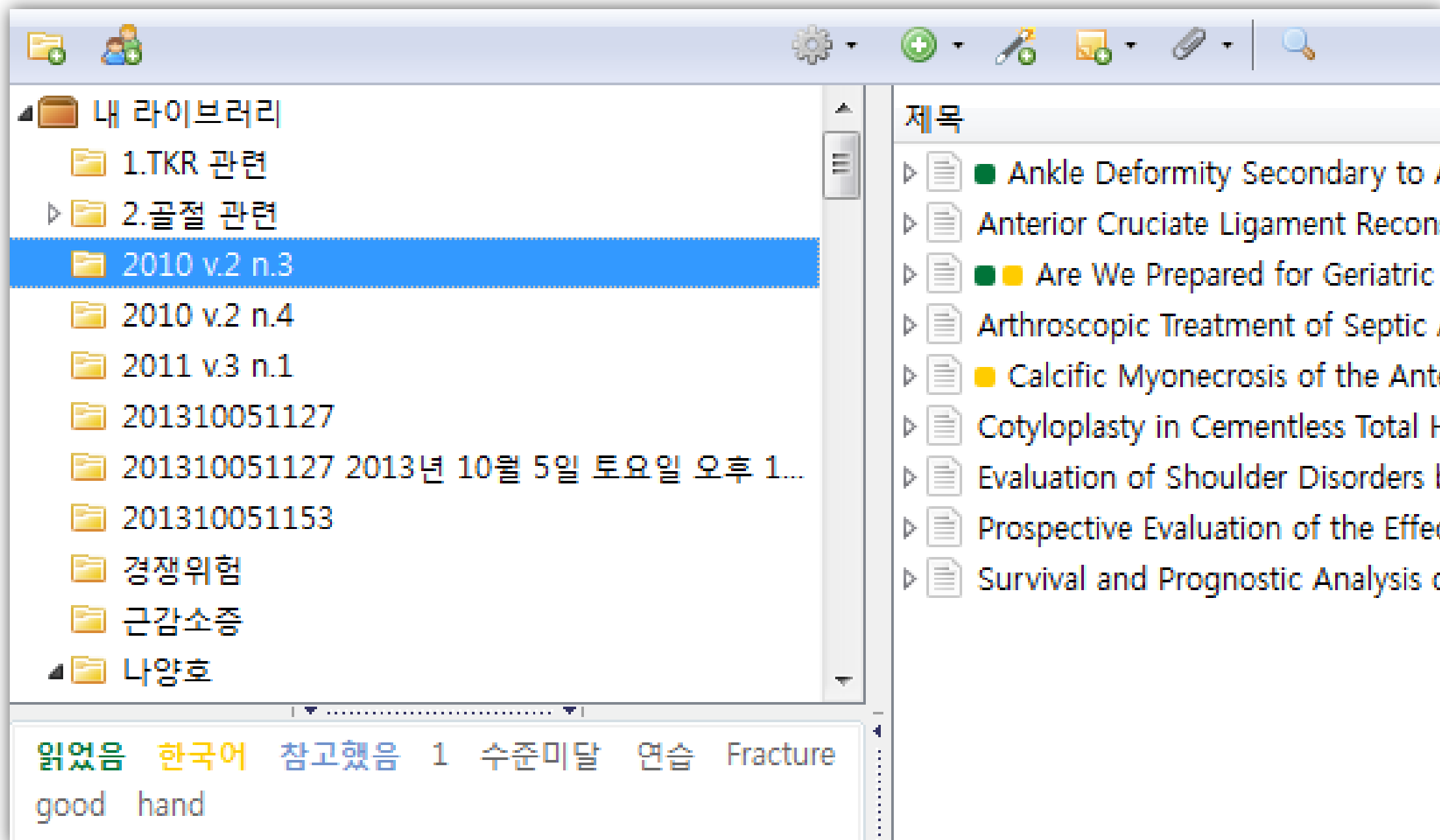
- 한국 논문에 주로 낸다.
 - EndNote > Zotero
 - 한국 도서관에서 스타일 제작
 - Zotero
 - 한국논문 스타일이 없다.
 - 가장 유사한 유명 논문 스타일 차용

- 노트를 잘 활용한다.
 - Zotero : 여러 개, 칼라 등 편집
 - EndNote : 1개, 문자만



- 태그를 잘 활용한다.

–Zotero : 문자태그, 칼라 태그

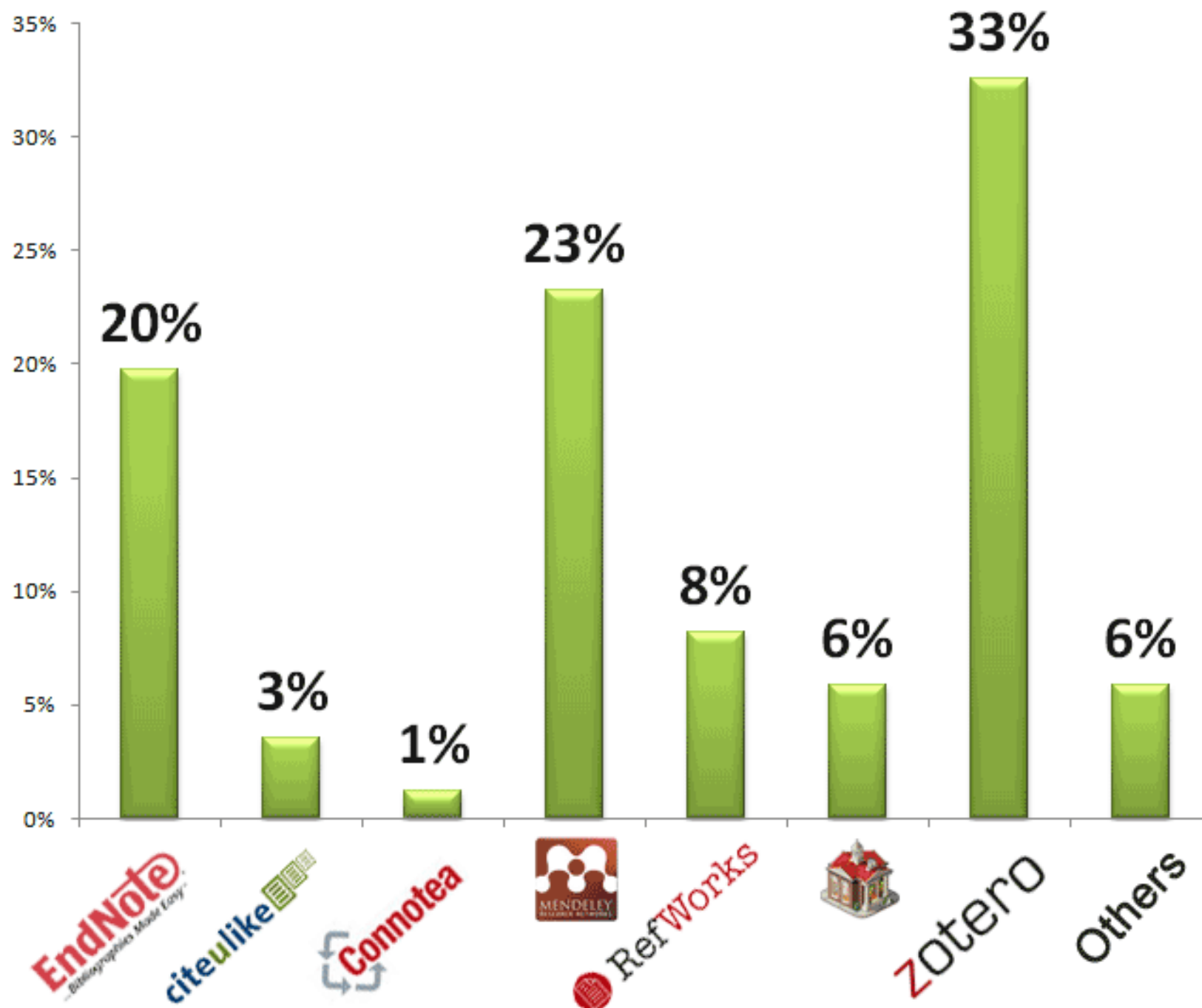


- 레지던트라면? 처음 시작한다면?
 - Zotero
 - 배우기에 빠르다.
 - 병원에 나가도 최신버전
 - 병원 나가면 안쓴다.

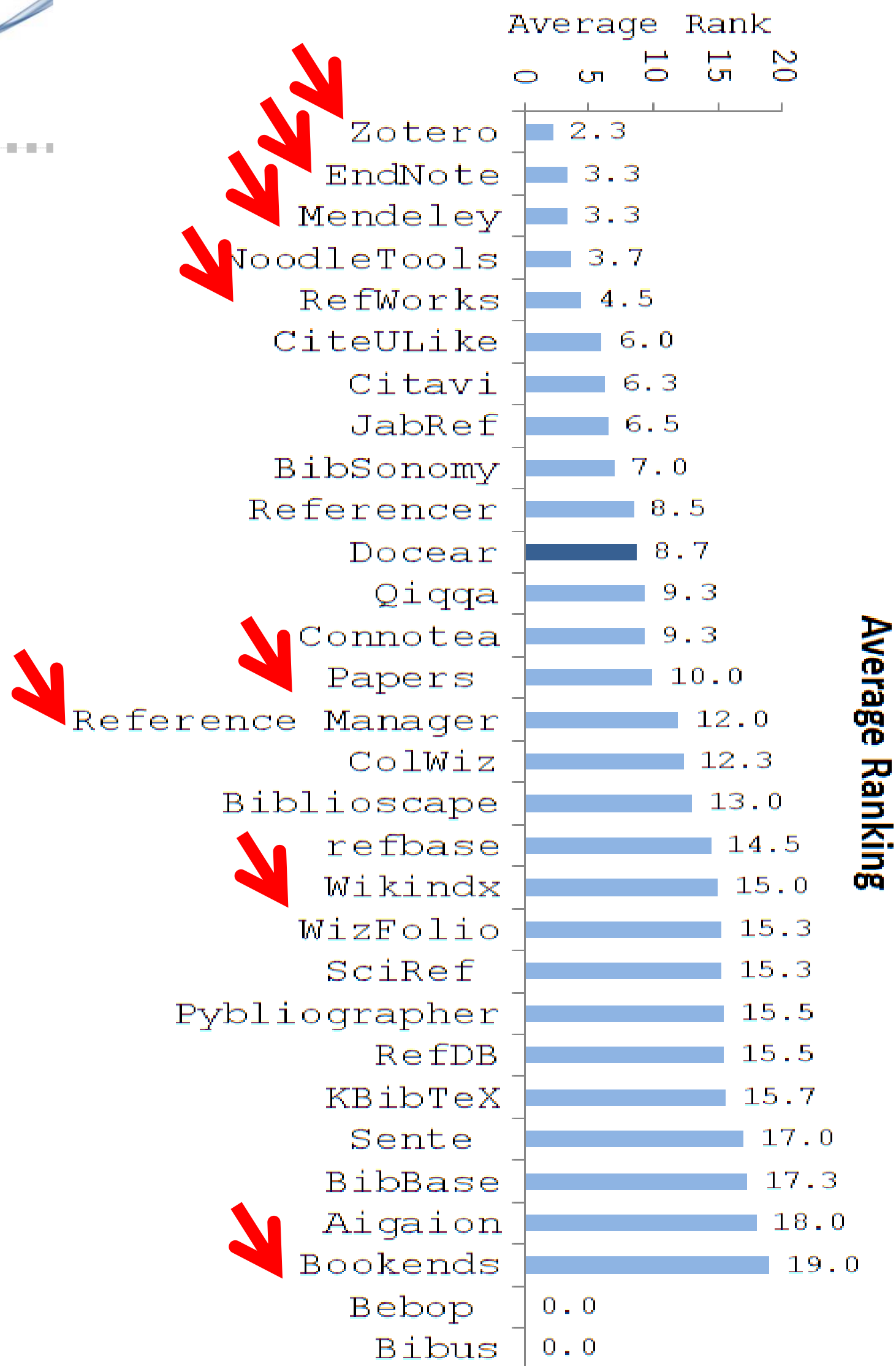
- 레지던트를 시킬려면?
 - Zotero
 - 배우기에 빠르다.
 - 공동작업이 편하다

• 외국인과의 공동연구를 한다면?

What citation managers do you use?



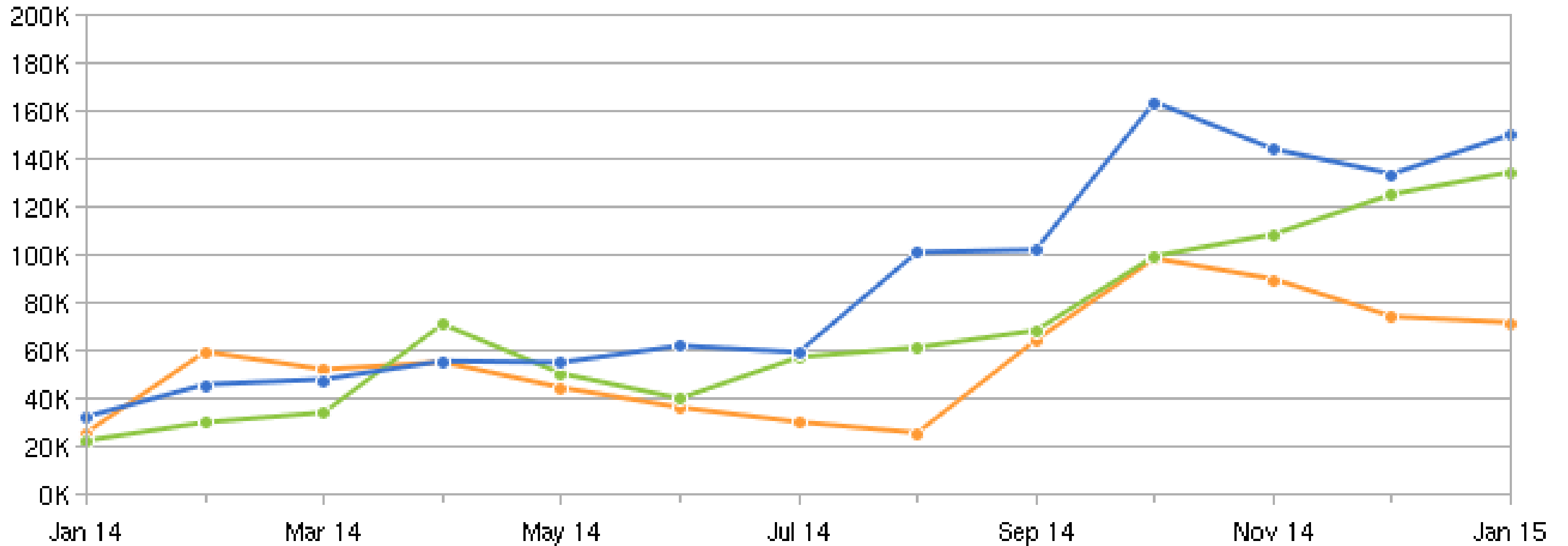
나에게 맞는 툴



Unique Visitors



zotero.org endnoteweb.com mendeley.com



Reference Manager Overview

compiled by Fenner, Scheliga

Version 2.5 January 2013

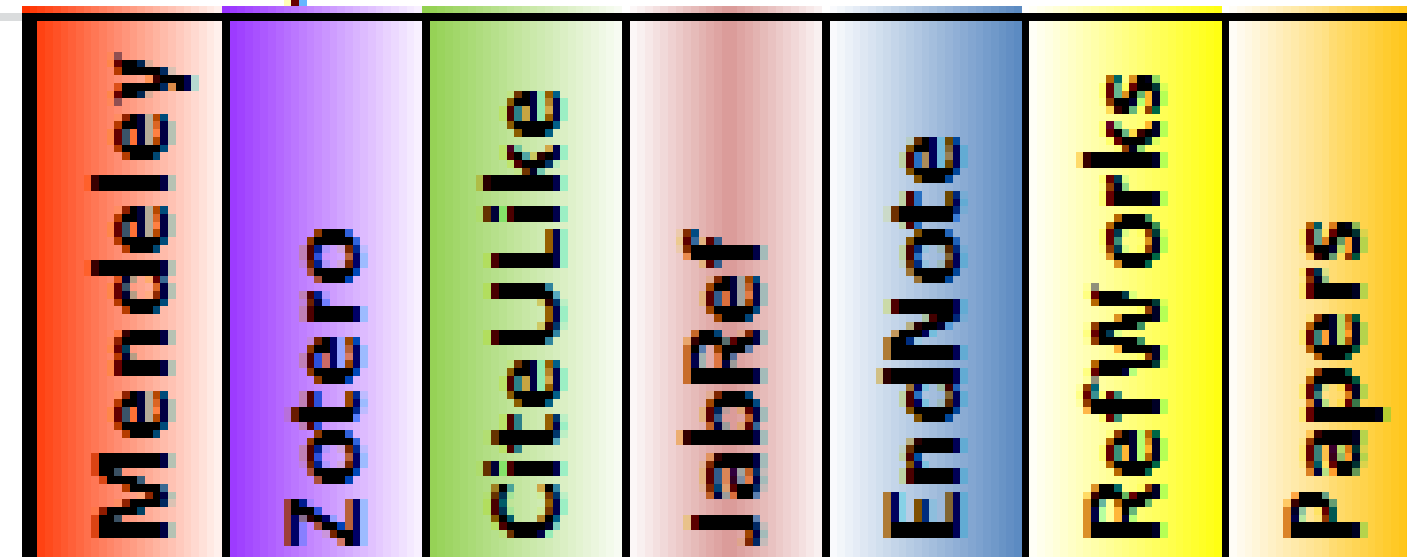


		Mendeley	Zotero	CiteULike	JabRef	EndNote	RefWorks	Papers
SEARCH	PubMed	Yes	Yes	No	No	Yes	Yes	Yes
	Scopus	No	Yes	No	No	Yes	Yes	Yes
	Web of Science	No	Yes	No	No	Yes	Yes	Yes
	Bookmarklet	Yes	Yes	Yes	No	Yes	Yes	Yes
STORE	Windows	Yes	Yes	Yes	No	Yes	Yes	Yes
	Mac	Yes	Yes	Yes	No	Yes	Yes	Yes
	Linux	Yes	Yes	Yes	No	Yes	Yes	Yes
	Mobile	Yes	Yes	Yes	No	Yes	Yes	Yes
SHARE	www	Yes	Yes	Yes	No	Yes	Yes	Yes
	PDF files	Yes	Yes	Yes	No	Yes	Yes	Yes
	Public folders	Yes	Yes	Yes	No	Yes	Yes	Yes
	API	Yes	Yes	Yes	Yes	Yes	Yes	Yes
READ	Extract metadata	Yes	Yes	No	No	Yes	Yes	Yes
	Full-text search	Yes	Yes	Yes	No	Yes	Yes	Yes
	PDF viewer	Yes	No	No	No	Yes	Yes	Yes
	File organizer	Yes	No	No	No	Yes	Yes	Yes
WRITE	Microsoft Word	Yes	Yes	Yes	No	Yes	Yes	Yes
	Open Office	Yes	Yes	Yes	No	Yes	Yes	Yes
	LaTeX	Yes	No	No	No	Yes	Yes	Yes
	Edit styles	Yes	Yes	Yes	No	Yes	Yes	Yes

Reference Manager Overview







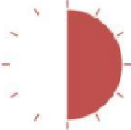

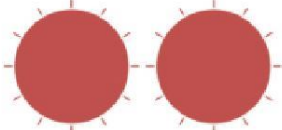

compiled by Fenner, Scheliga

Version 2.5 January 2013



WHAT WILL IT DO FOR ME?

The Quick Guide to Choosing a Reference Manager

 RefWorks		 MENDELEY		
<p>RefWorks is the University of Illinois' supported citation management tool. It is free to all students and accessible after graduation. It is browser-based and offers a multitude of features.</p>	<p>RefWorks Flow is a browser-based tool that saves references and allows you to read and annotate PDF articles. You can also collaborate with colleagues and link to Dropbox for extra storage.</p>	<p>Mendeley is a free software that you can download to your computer or use in-browser. It takes all of your PDF article files and organizes them. It allows for tagging, and has a growing community of scholars.</p>	<p>EndNote is purchased by some labs, which require its use. You can set up preferences to search within specific databases and collect citations through a personalized interface.</p>	<p>Zotero is a free software that you can download and use on Firefox, with plugins for Chrome and Safari. It saves citations and connections to online media, as well as taking screenshots of your internet research.</p>
T I M E I T T A K E S T O L E A R N				
 45 MIN	 30 MIN	 45 MIN	 1-2 HR	 30 MIN
G R E A T E S T W E A K N E S S				
<p>You cannot use RefWorks offline. It requires an internet connection. RefWorks downloads article citations and does not focus on multimedia, which would have to be entered by hand and linked.</p>	<p>You cannot use RefWorks Flow offline. It has fewer options for importing and searching for articles than RefWorks does. While references can be saved in multiple folders, there is no tagging.</p>	<p>Mendeley has some difficulty downloading citations and PDF files from library databases. Older PDF files that do not have proper metadata will not give proper citation information to Mendeley.</p>	<p>EndNote costs money, but access may be available through your program. If it is, will that transfer to you upon graduation? If not, you will need to move your citations to another program.</p>	<p>Zotero is used with your personal browser – to use it on multiple devices you have to carry your library settings on an external device or sync via Firefox, which is not secure on a public computer.</p>
S T O R A G E S P A C E				
100MB Extended to 5GB upon request	10GB With U of I email account	2GB Online or However much space your computer has	However much space your com- puter has	300MB FREE or However much space your computer has
L I B R A R Y H E L P G U I D E S				
uiuc.libguides.com/refworks	uiuc.libguides.com/flow	uiuc.libguides.com/mendeley	uiuc.libguides.com/endnote	uiuc.libguides.com/zotero

WHAT WILL IT DO FOR ME?

The Quick Guide to Choosing a Reference Manager



RefWorks is the University of Illinois' supported citation management tool. It is free to all students and allows you to read and anno-

RefWorks Flow is a browser-based tool that saves references and allows you to read and anno-

Mendeley is a free software that you can download to your computer or use in-browser. It takes

EndNote is purchased by some labs, which require its use. You can set up preferences to search

Zotero is a free software that you can download and use on Firefox, with plugins for Chrome and Safa-

W E A K N E S S E S

EndNote costs money, but access may be available through your program. If it is, will that transfer to you upon graduation? If not, you will need to move your citations to another program.

Zotero is used with your personal browser – to use it on multiple devices you have to carry your library settings on an external device or sync via Firefox, which is not secure on a public computer.

100MB

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10GB

With U of I email account

2GB Online

or
However much space your computer has

However much

space your computer has

300MB FREE

or
However much space your computer has

LIBRARY HELP GUIDES

uiuc.libguides.com/refworks

uiuc.libguides.com/flow

uiuc.libguides.com/mendeley

uiuc.libguides.com/endnote

uiuc.libguides.com/zotero

- 자기가 잘 사용하는 것을 선택
- 선택 안하는 것이 가장 나쁘다.
- Zotero로 시작
- 도서관에선 적극적으로 홍보

대학의 평가

• HARVARD

Research To

RESEARCH MANAGEMENT TOOL: ENDNOTE



EndNote is a desktop program that helps researchers collect and organize references and documents from online sources (or elsewhere) and to create a searchable personal database. EndNote allows writers to find and cite these references while writing, and to create bibliographies formatted in their style of choice. EndNote is flexible, customizable and sophisticated. For most users, however, it requires a significant investment of time to learn to use well.

- Recommended for larger research projects, frequent writers or authors with large reference collections.
- EndNote offers online accounts for synchronizing across multiple devices and collaborative projects.

• HARVARD

RESEARCH MANAGEMENT TOOL: REFWORKS



RefWorks is a Web-based program that helps researchers collect and organize references from online sources (or elsewhere) and to create a searchable personal database. RefWorks allows writers to find and cite these references while writing (using Word), and to create bibliographies in their style of choice. Access to RefWorks requires a valid Harvard ID and PIN. Start using RefWorks now or learn more.

- RefWorks simplifies group work, collaboration and sharing of a few references or an entire database.
- Users may have as many accounts as they like; groups may also set up accounts for group work.
- RefWorks provides quick and easy ways to create and distribute links to online reading lists, bibliographies and syllabi.
- Harvard graduates may register for an alumni account.

• HARVARD

Research Tools

See Also:

- Ask a Librarian
- ▀ Research Help

RESEARCH MANAGEMENT TOOL: ZOTERO




Zotero is is a free, **easy-to-use** tool to help you **collect, organize, cite,** and **share** your research sources.

- Collect references automatically; add full-text searchable PDFs to your library, and sync to the cloud
- Find and cite references and create bibliographies **with ease**
- **Collaborate with** other researchers by creating group libraries; share files, notes, and bibliographic data
- Zotero excels at projects **large and small**
- Zotero is open-source software and free for anyone to use

• COLUMBIA

대학의 평가



The screenshot shows the top navigation bar of the Columbia University Libraries website. It includes a breadcrumb trail 'CU Home > Libraries Home', search and utility links ('Search | Site Index | FAQ | Help'), and a main menu with buttons for 'CLIO', 'Databases', 'E-Journals', 'Articles', and 'Website'. A search box is present with the text 'Search the Catalog:' and a 'GO' button. Below the search bar is a secondary navigation bar with links for 'Libraries & Collections', 'Catalogs', 'E-Resources', 'Request It', 'Ask Us', and 'Using the Libraries'. The main content area features the heading 'EndNote, RefWorks, and Zotero at Columbia', a link to 'Watch a short video to learn more', and three links: '- [Download EndNote](#) - - [Connect to RefWorks](#) - - [Download Zotero](#) -'. The word 'HELP' is also visible in large letters on the left side of the page.

• STANFORD

대학의 평가

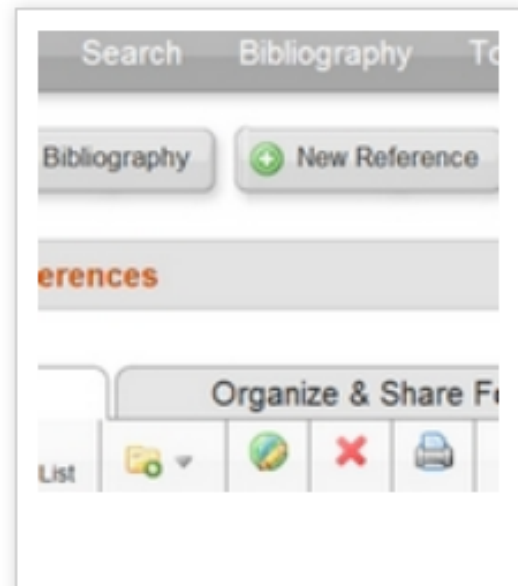
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[Home](#) > [Research Support](#) > [Bibliography Management](#)



Bibliography Management

Bibliography management tool
sources and generate bibliogra

Stanford University Libraries su

- [Endnote and EndNoteW](#)
- [Mendeley](#)
- [RefWorks](#)
- [Zotero](#)

- [Endnote and EndNoteWeb](#)
- [Mendeley](#)
- [RefWorks](#)
- [Zotero](#)

• STANFORD

Choosing a citation management tool

All of the tools will help you organize your research references and all include a plug-in for word processing programs to format citations and create bibliographies. But some of the tools offer other features, such as support for collaboration, a web-based interface, and mobile applications.

The Stanford University Libraries provide campus-wide subscriptions to RefWorks and Mendeley. EndNote Web is part of the Stanford University Libraries' subscription to Web of Knowledge. Zotero is an open source tool with basic features at no charge.

The following comparison charts may help you choose a tool that is best for you:

- Terman Engineering Library's [citation tools comparison document](#)
- University of Pennsylvania Libraries' scenario based [comparison chart](#)
- Wikipedia's comprehensive [comparison of reference management software](#)

• Pennsylvania

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Teaching Librarians' Toolkit

For Faculty

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Choosing a Citation Manager

Choosing a Citation Manager: Zotero, Mendeley, EndNote

The following popular citation managers provide the same basic features and functionality with some exceptions. Below are a few scenarios that might be helpful when choosing a citation manager. Once you have narrowed down the choices, the rest is personal preference. Some tips: Consult the comparison chart below for specific features. Talk to people in your department – some disciplines tend to use one tool more than others. Consult your [subject librarian](#) for a recommendation. For a more complete list of citation management options see this [Comparison of reference management software](#) article.

• Pennsylvania

I Need to:	Use:	Why:
...work from multiple computers or locations.	Zotero Mendeley EndNote Basic	<p>Zotero saves your citation library to your local computer, but syncs with multiple computers so you can work from home, work, or school.</p> <p>Mendeley is a program that lives on your local computer, but syncs with a web account.</p> <p>EndNote Basic is entirely web-based and can be accessed from any computer with internet access, and can sync with EndNote desktop.</p>
...work without an Internet connection.	Zotero Mendeley EndNote	Zotero, Mendeley and EndNote store your citation libraries locally on your computer.
...archive web pages and import citations from sites such as Amazon and ArtSTOR	Zotero	Zotero allows you to easily save snapshots of web pages and annotate them within your citation library. It is a great tool for scraping citation information from web-based publications and some commercial and social networking sites.
...work on a group project or share my citations with others .	Zotero Mendeley EndNote Basic	Zotero allows you to share your citations through shared folders -- you can give individuals or groups permissions to add and edit the citations in the shared folder. Mendeley allows you to share citations and documents with a group of up to 2 other users , or create a public reading list that is open to all. EndNote Basic allows you to create and share groups with other users.

• Pennsylvania

Criteria	Zotero	Mendeley	EndNote	EndNote Basic
Web based?	Yes, works with Firefox browser and can sync with online account; connectors for Chrome and Safari available	Not primarily, but can sync with an online account which is editable	Yes, with EndNote basic account	Yes
Must be online?	No	No	No	Yes
Cost	Free for basic account, some cost for more online storage space	Free for basic account, some cost for more online storage space	\$\$, Student discount through computer store	Free
Word-processor compatibility	MS Word, Open Office, Google Docs	MS Word, Open Office, LaTeX	MS Office, Open Office, iWork Pages	MS Word
Import from databases	Yes	Yes	Direct export from specific databases	Yes
Import citation info from web pages	Yes, also archives the page and you can add annotations	Yes, with a bookmark for a limited number of sites (mostly publishers or databases)	Yes, with Web Capture tool and EndNote basic account	Yes, with Web Capture tool
Storage capacity	Unlimited local storage and data syncing; 100MB free Zotero file syncing (larger syncing plans available for purchase); or can use WebDav	Unlimited local storage and data syncing; 1GB personal and 100MB shared online space (larger online storage plans available for purchase)	Unlimited local storage	Limited to 50,000 citations and 2 GB of attachment storage
Attach associated files (PDFs, etc.)	Yes, with option to attach automatically	Yes, and can highlight and annotate PDFs	Yes, and can highlight and annotate PDFs	Yes
Search full text of PDFs	Yes	Yes	Yes	No
Create group or shared libraries	Yes	Yes, free for up to 3 group members (larger group plans available for purchase)	Yes, with EndNote basic account	Yes
Create bibliography with different styles	Yes	Yes	Yes	Yes
Automatic citation extraction from PDFs	Yes	Yes	Yes	No
Other features	Sync library with multiple computers Use tags to organize/search	Sync library with multiple computers Sync with Zotero library	Insert figures and charts using word processor integration	

• Cambridge

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[Off campus access
bookmarklet](#)

[OpenSearch plugins](#)

Reference management tools

Many software tools are available to help students and researchers collate and manage citations and references. Here are a few recommendations from library staff:

- [Mendeley](#)
- [Zotero](#)
- [Endnote](#)

If after reading this documentation, you require further assistance in enabling reference management software to work with library resources, please [contact the eresources helpdesk](#).

• Washington

대학의 평가



[WU Libraries](#) / [Research Guides](#) / [How to Choose: Zotero, Mendeley, or EndNote](#) / [Home](#)

How to Choose: Zotero, Mendeley, or EndNote

A guide comparing the features of Zotero, Mendeley, and Endnote.

[Home](#)

[Comparison Table](#)

[Gathering Citations](#)

• Washington

You **cannot go wrong** choosing any of the tools, but it helps if you take a few things into consideration before starting. Remember that you can switch between the tools, it just becomes less convenient the longer you use a tool and the more file attachments you collect.

• Washington

Reasons to choose Zotero:

Your research content is diverse: It is the **easiest method** to gather citation records for **non-PDF and PDF content**. Zotero's **single-click capture** works with **more** databases, catalogs, and websites than Mendeley's Web Importer. You can also **enable the retrieval of PDF metadata**, which allows you to create citation records just from dragging a PDF into Zotero. Zotero is open source and cannot be acquired by a company.

• Washington

Reasons to choose Mendeley:

Your research content is primarily contained in **PDF** files: Mendeley has an **integrated PDF viewer** and can create citation records just from importing a PDF file.

Mendeley.org has **the strongest website and community** platform.

• Washington

Reasons to choose EndNote:

Zotero and Mendeley are relatively young tools when compared to EndNote. EndNote X6 offers some advanced features that might be necessary for your discipline and work flow. However EndNote X6 is **not free** and can be purchased with an educational discount through the Washington University Campus Store or E-Academy.

• Oregon

Criteria	Zotero	Mendeley	EndNote	EndNote Web
Cost	Free	Free	\$105, Student discount through bookstore	Free to OSU users
Web based?	Yes	Yes, but not primarily	No	Yes
Storage capacity	Unlimited local storage and data syncing; 500MB free Zotero file syncing, if you register with an OSU email address (larger syncing plans available for purchase); or can use WebDav	Unlimited local storage and data syncing; 1GB personal and 100MB shared online space (larger online storage plans available for purchase)	Unlimited local storage	Limited to 10,000 citations
Create group or shared libraries	Yes	Yes, free for up to 3 group members (larger group plans available for purchase)	Yes, with EndNote Web account, but can't share PDFs with the group	Yes, but can't share PDFs with the group
Number of Citation Styles	~6400 styles (7411)	~6400 styles (uses Zotero's word processing connections)	~5000	~5000

- Endnote, Zotero, Mendeley
- (외국에서는)
- Zotero의 단점은 거의 없다

참고문헌 달기

Zotero for Firefox

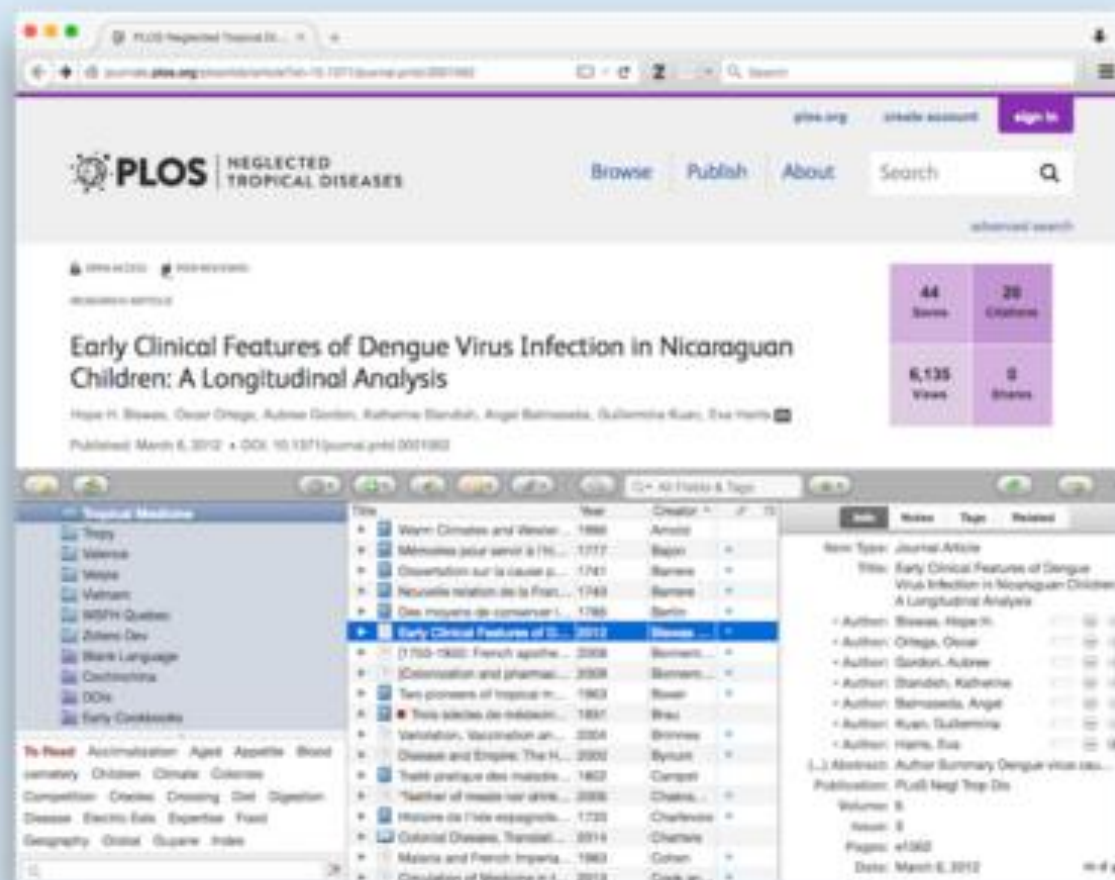
Zotero for Firefox lets you capture and organize all your research without ever leaving the browser.



Zotero 4.0 for Firefox

Add a [plugin for Word or LibreOffice](#)

[Trouble installing Zotero?](#)



Zotero Standalone

Zotero Standalone runs as a separate application and plugs into your choice of browser.

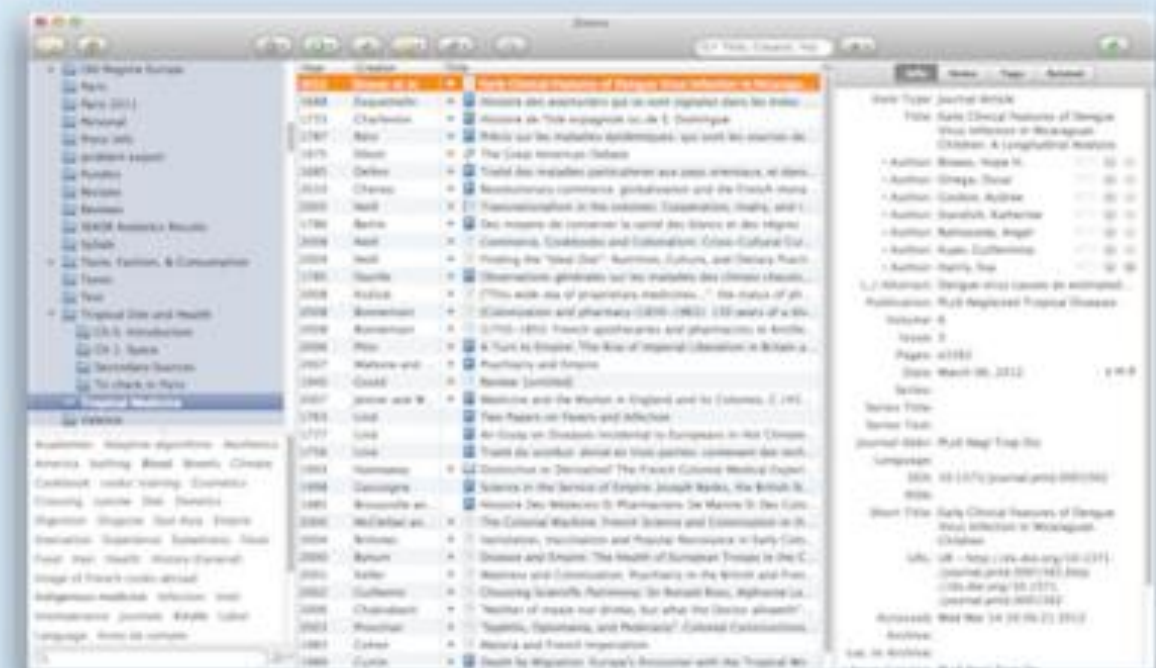


Zotero 4.0 for Windows

Add one of the following browser extensions:



Plugins for Word and LibreOffice are included



Installing Word Processor Plugins for Zotero for Firefox

This page provides [word processor plugins](#) for users of Zotero for Firefox. **Word processor plugins for Zotero Standalone can be installed from the Cite pane of the Zotero preferences.** Users of Firefox beta releases should see the [Firefox beta compatibility](#) page.

The word processor plugins are distributed as Firefox extensions, which provide word processor integration to Zotero and install the necessary components into the word processors. After you have installed a plugin from this page, Firefox will prompt you to install later versions automatically the same way that it does for the Zotero Firefox extension.

Zotero Standalone Users: Word processor plugins are included with Zotero Standalone, and can be installed from the Zotero preferences. Plugins on this page are for Zotero for Firefox only.

Microsoft Word

Windows

The latest version of the Word for Windows plugin for Zotero 3.0+ is **3.5.4** (compatible with Word 2003-2016 excluding Word 2010 Starter Edition, and Firefox 31 and later).

- Install [Word for Windows Plugin 3.5.4](#) (Firefox extension)

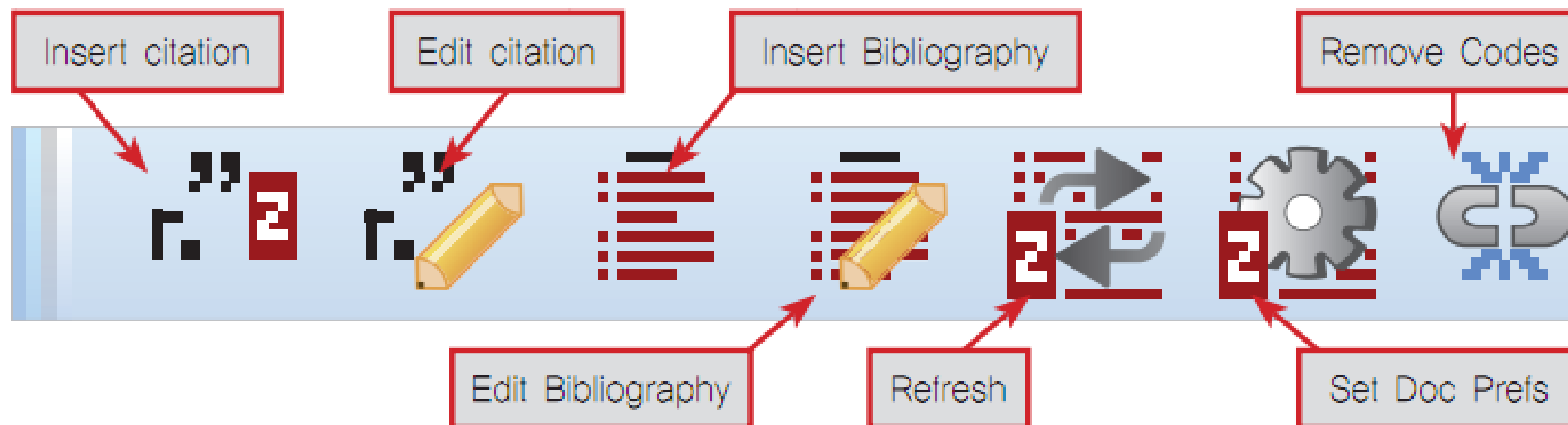
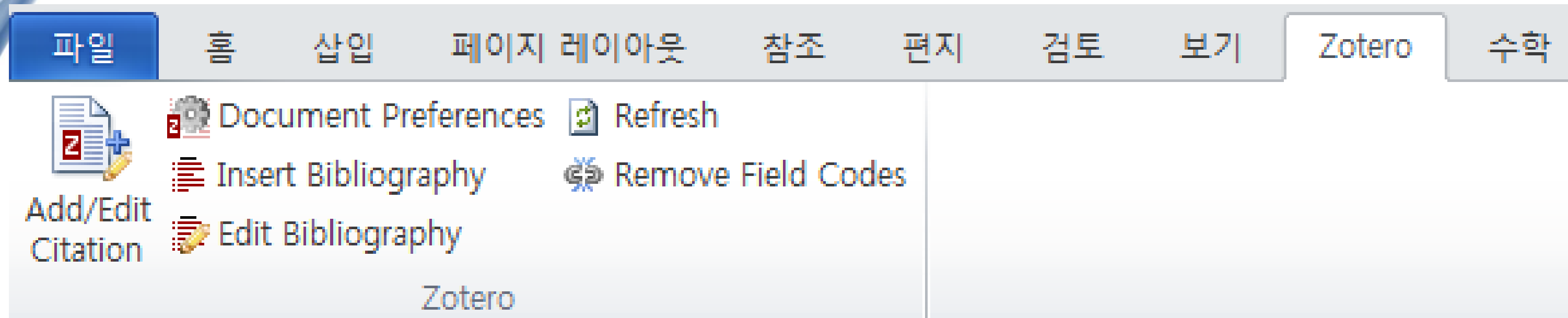
Mac

The latest version of the Mac Word plugin for Zotero 3.0+ is **3.5.13** (compatible with Word 2004-2016 and Firefox 4 or later).

- Install [Word for Mac Plugin 3.5.13](#) (Firefox extension)

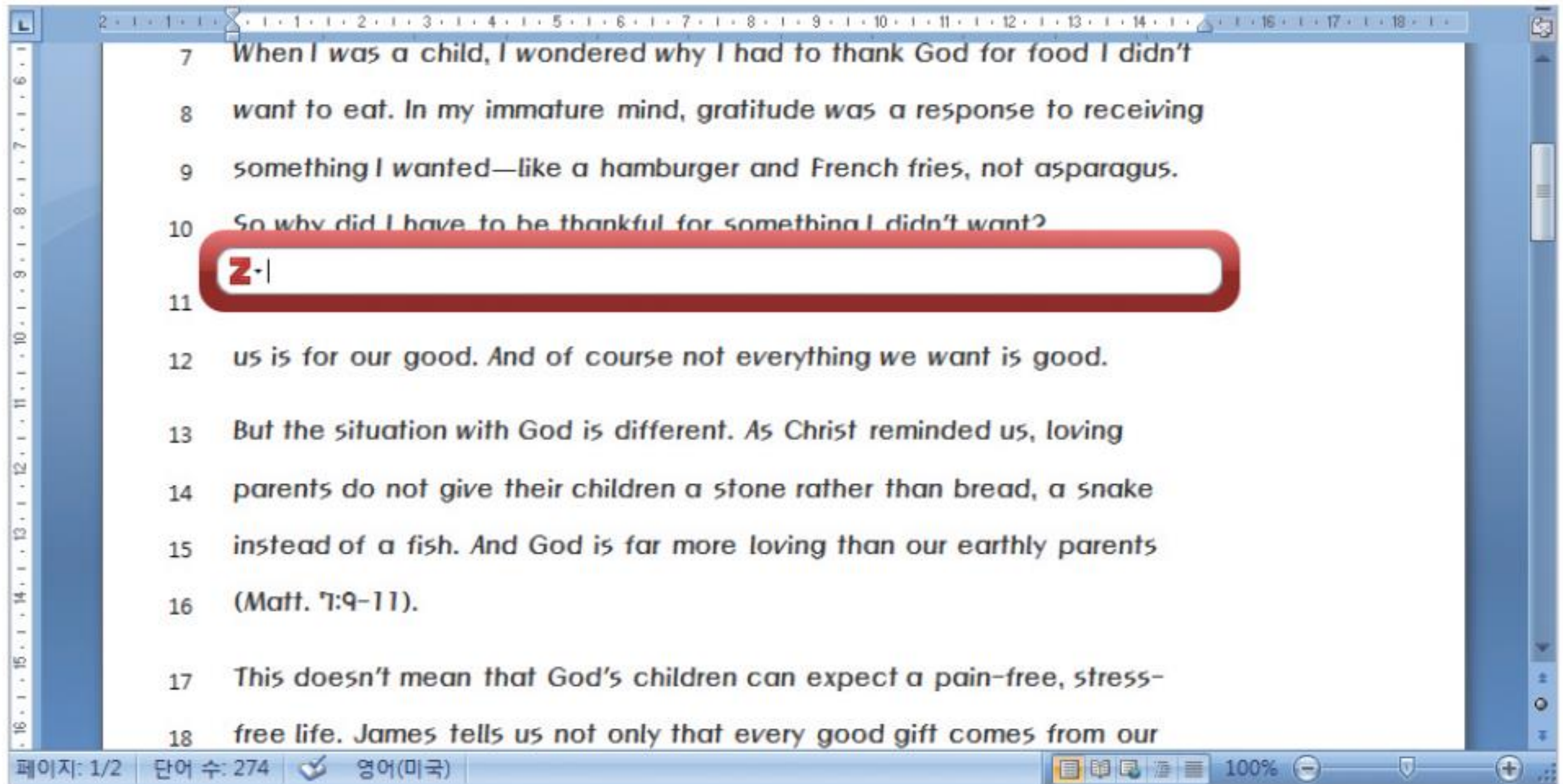
Word 2008 users: Zotero functionality is located under the Word script menu. See [here](#) for more details.

LibreOffice



7개 → 6개의 아이콘

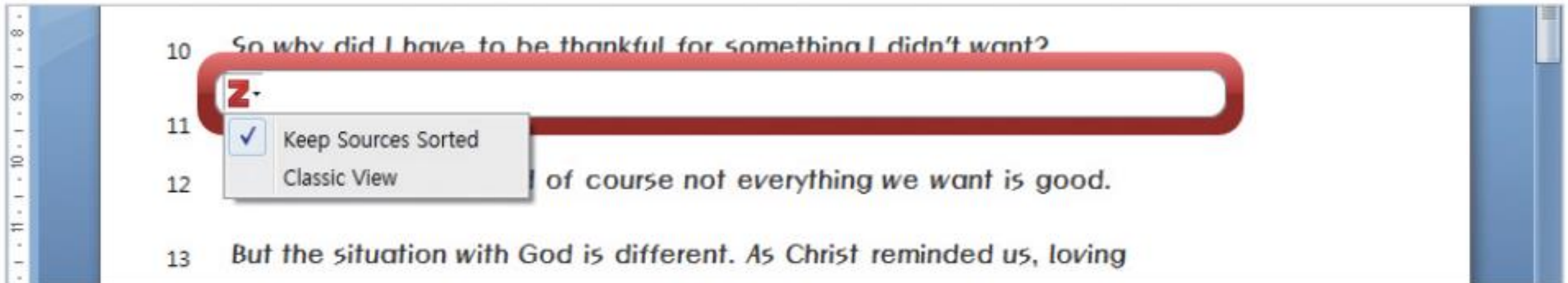
Insert citation



7 When I was a child, I wondered why I had to thank God for food I didn't
8 want to eat. In my immature mind, gratitude was a response to receiving
9 something I wanted—like a hamburger and French fries, not asparagus.
10 So why did I have to be thankful for something I didn't want?
11 **Z**·|
12 us is for our good. And of course not everything we want is good.
13 But the situation with God is different. As Christ reminded us, loving
14 parents do not give their children a stone rather than bread, a snake
15 instead of a fish. And God is far more loving than our earthly parents
16 (Matt. 7:9-11).
17 This doesn't mean that God's children can expect a pain-free, stress-
18 free life. James tells us not only that every good gift comes from our

페이지: 1/2 단어 수: 274 영어(미국) 100%

Insert citation



Insert citation → preference

The image shows a software interface with a 'Zotero' menu and a '문서 환경설정' (Document Environment Settings) dialog box.

Zotero Menu:

- 파일 (File)
- 홈 (Home)
- 삽입 (Insert)
- 페이지 레이아웃 (Page Layout)
- 참조 (References)
- 편지 (Mail)
- 검토 (Review)
- 보기 (View)
- Zotero
- 수학 (Math)

문서 환경설정 (Document Environment Settings) Dialog Box:

인용 형식 (Citation Style):

- Cell
- Chicago Manual of Style 16th edition (author-date)
- Chicago Manual of Style 16th edition (full note)
- Chicago Manual of Style 16th edition (note) **(Selected)**
- Elsevier Harvard (with titles)

Language: ko-KO

인용 표시 (Citation Markers):

- 각주 (Footnote)
- 미주 (Endnote)

사용 형식 (Usage Format):

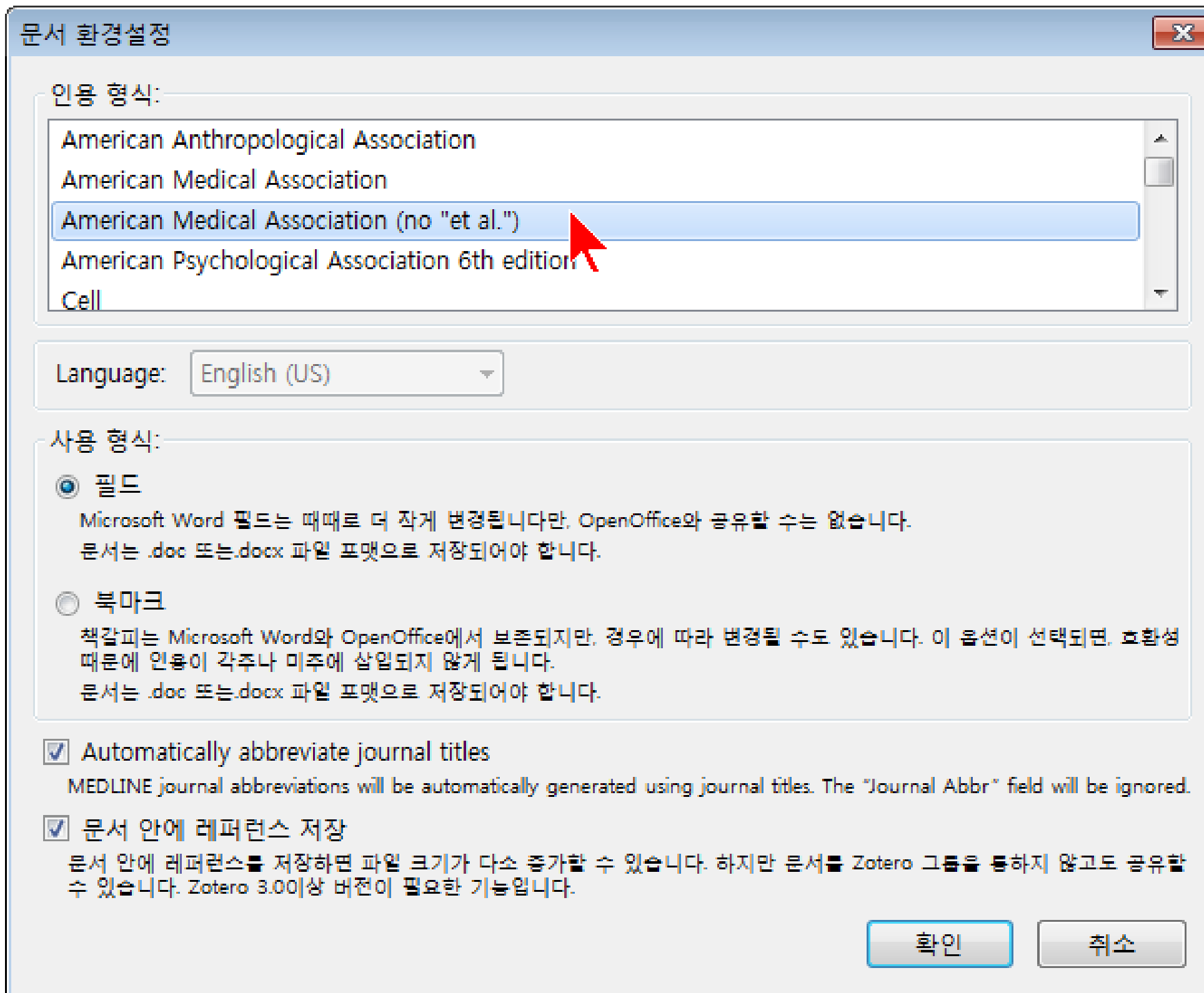
- 필드 (Fields)
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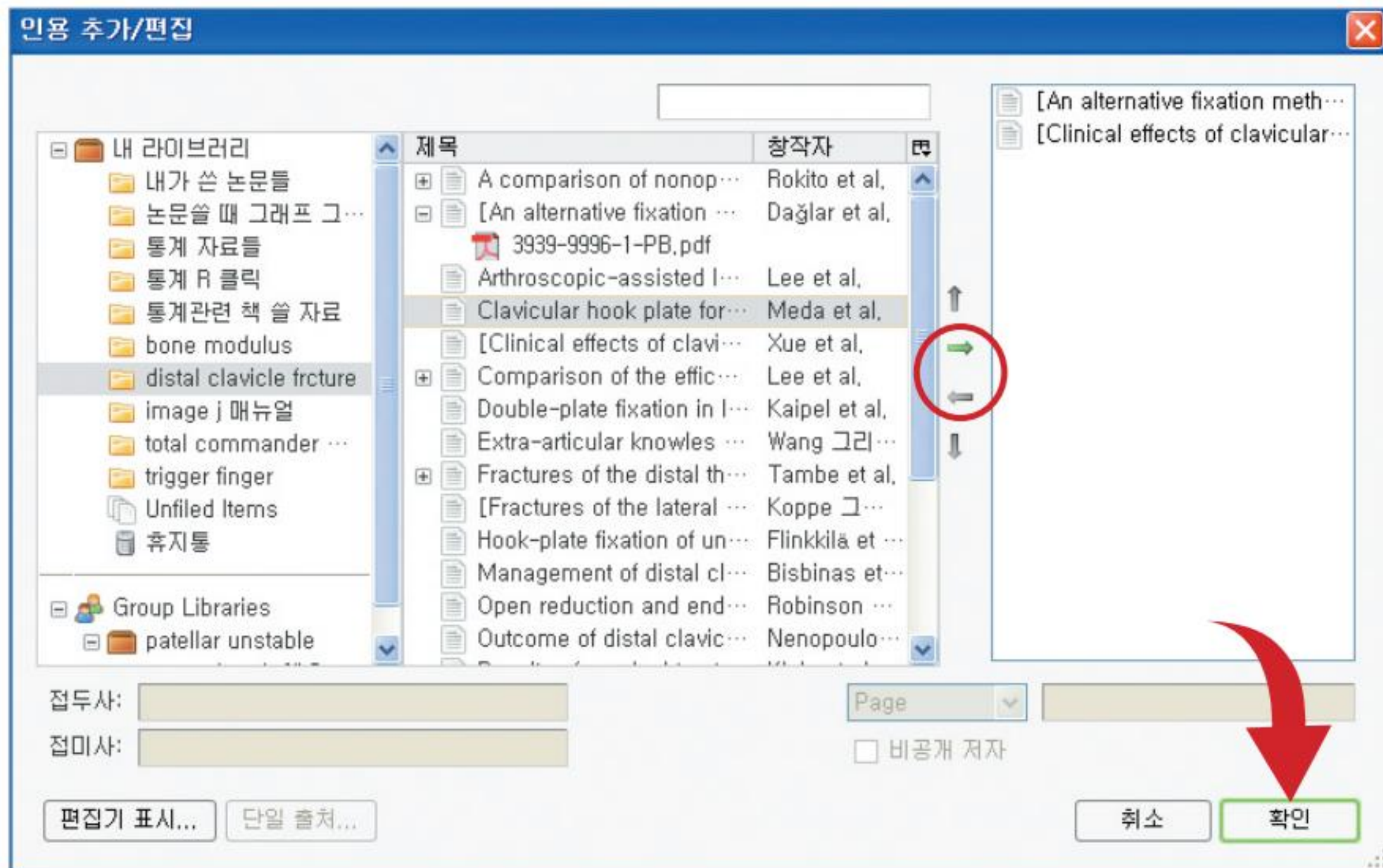
문서 안에 레퍼런스를 저장하면 파일 크기가 다소 증가할 수 있습니다. 하지만 문서를 Zotero 그룹을 통하지 않고도 공유할 수 있습니다. Zotero 3.0이상 버전이 필요한 기능입니다.

Buttons: 확인 (OK), 취소 (Cancel)

Insert citation → preference



Insert citation-classic view



Insert citation

Z von Haehling et al., 2010 감왕구 그리고 황인성, 2011 ,2010

Rapid Molecular Detection of Tuberculosis and Rifampin Resistance Boehme et al. (2010), <i>New England Journal of Medicine</i> , 363(11), 1005-1015.	
Inter- And Intra-observer Variability Of A Cervical OPLL Classification Using Rec... Chang et al. (2010), <i>Clinics in Orthopedic Surgery</i> , 2(1), 8.	
Arthroscopic Repair of Combined Bankart and SLAP Lesions: Operative Techniqu... Cho et al. (2010), <i>Clinics in Orthopedic Surgery</i> , 2(1), 39.	
Seven-year Results of a Tapered, Titanium, Hydroxyapatite-Coated Cementless ... Cho et al. (2010), <i>Clinics in Orthopedic Surgery</i> , 2(4), 214.	
Ulnar Nerve Palsy Following Closed Fracture of the Distal Radius: A Report of 2 C... Cho et al. (2010), <i>Clinics in Orthopedic Surgery</i> , 2(1), 55.	
A Case of Fungal Arthritis Caused by <i>Hansenula Anomala</i> Choi et al. (2010), <i>Clinics in Orthopedic Surgery</i> , 2(1), 59.	
Oral Ivermectin versus Malathion Lotion for Difficult-to-Treat Head Lice Chosidow et al. (2010), <i>New England Journal of Medicine</i> , 362(10), 896-905.	
Cementless Bipolar Hemiarthroplasty for Unstable Intertrochanteric Fractures in... Choy et al. (2010), <i>Clinics in Orthopedic Surgery</i> , 2(4), 221.	

Edit citation

183 시술자(operator)에 의한 ICC는 0.89 (95%CI: 0.86-0.92), 다른 시술자(operator)에 의한 ICC는 0.77
 184 (95%CI: 0.72-0.82)로 시술자에 따른 차이가 있으며, DEXA와 BIA의 ICC 는 0.37 (95%CI: 0.25-0.48)로
 185 낮은 편이다.¹⁴⁾ 한편, 우리가 구한 회귀식으로 구한 예측식과 DEXA를 비교한 ICC 분석에서 남자의

Z von Haehling et al., 2010 강왕구 그리고 황인성, 2011 Choi et al., 2010

187 다시 말하면, 다른 인구 집단의 비교이
 188 허리둘레를 이용한 값이 더 DEXA의 값과 일
 189 Conclusion.
 190 전국의 한국인 남자 1,182명, 여자 1,52
 191 기준을 확립하고 진단도구를 개발하였다. AS
 192 젊은 인구군에서의 자료와 비교한 score도 쉽게 볼 수 있도록 하여 무료로 공개하였다. 제송, 기,
 193 허리둘레, 나이 등을 이용하여 한국인 남자와 여자에게 적합한 회귀식을 산출하여 공개하였다.

부력기구에 탑재된 싸이클로이달 블레이드형 고공풍력 시스템

강왕구 그리고 황인성 (2011), *대한기계학회 2011년도 추계학술대회 강연 및 논문 초록집*

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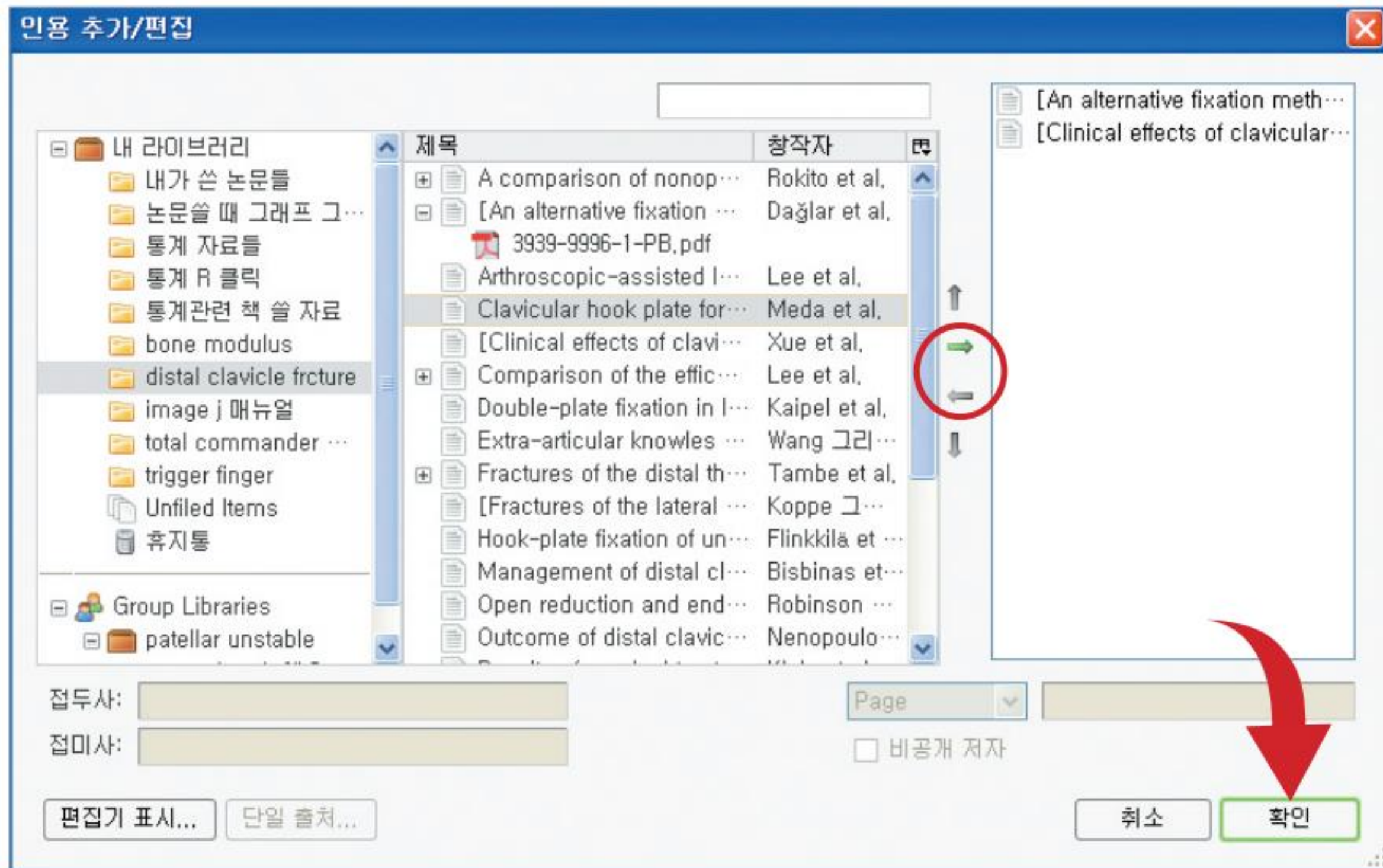
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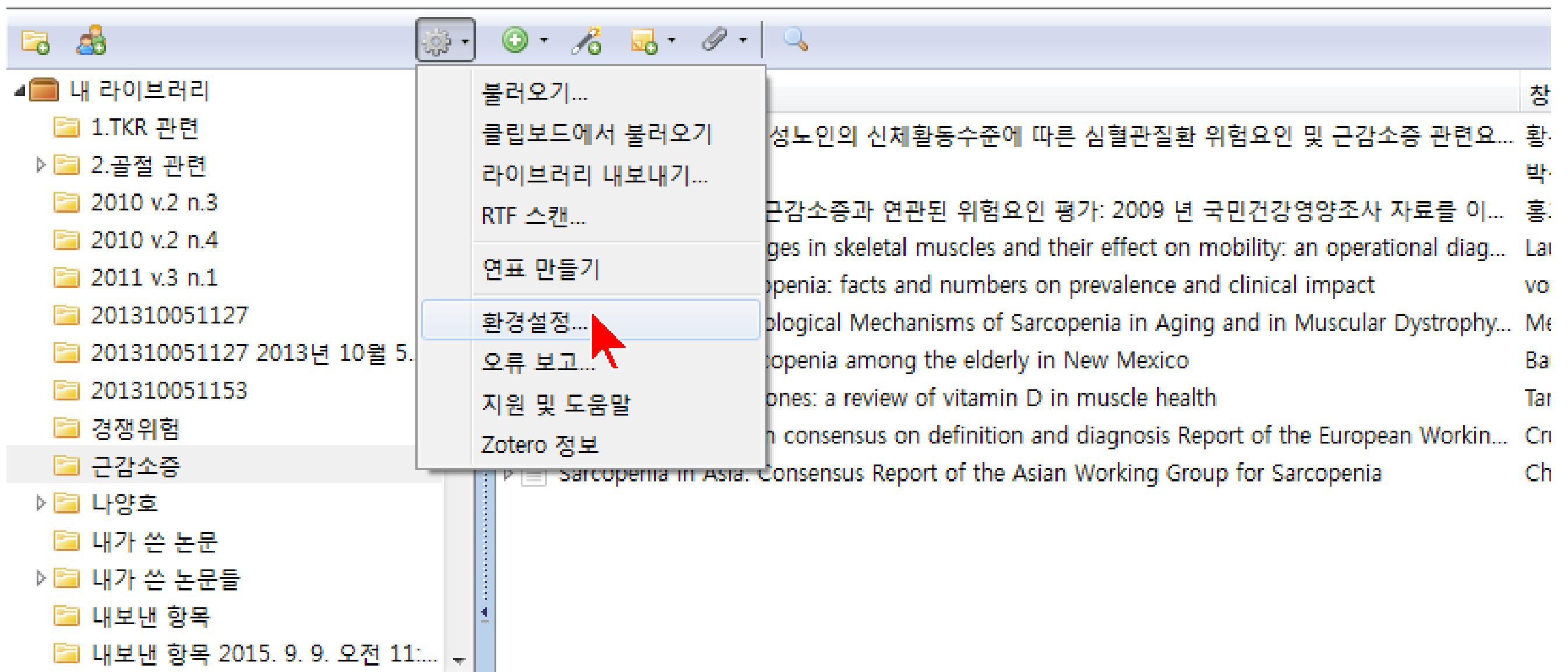
저자 숨기기

Open in 내 라이브러리

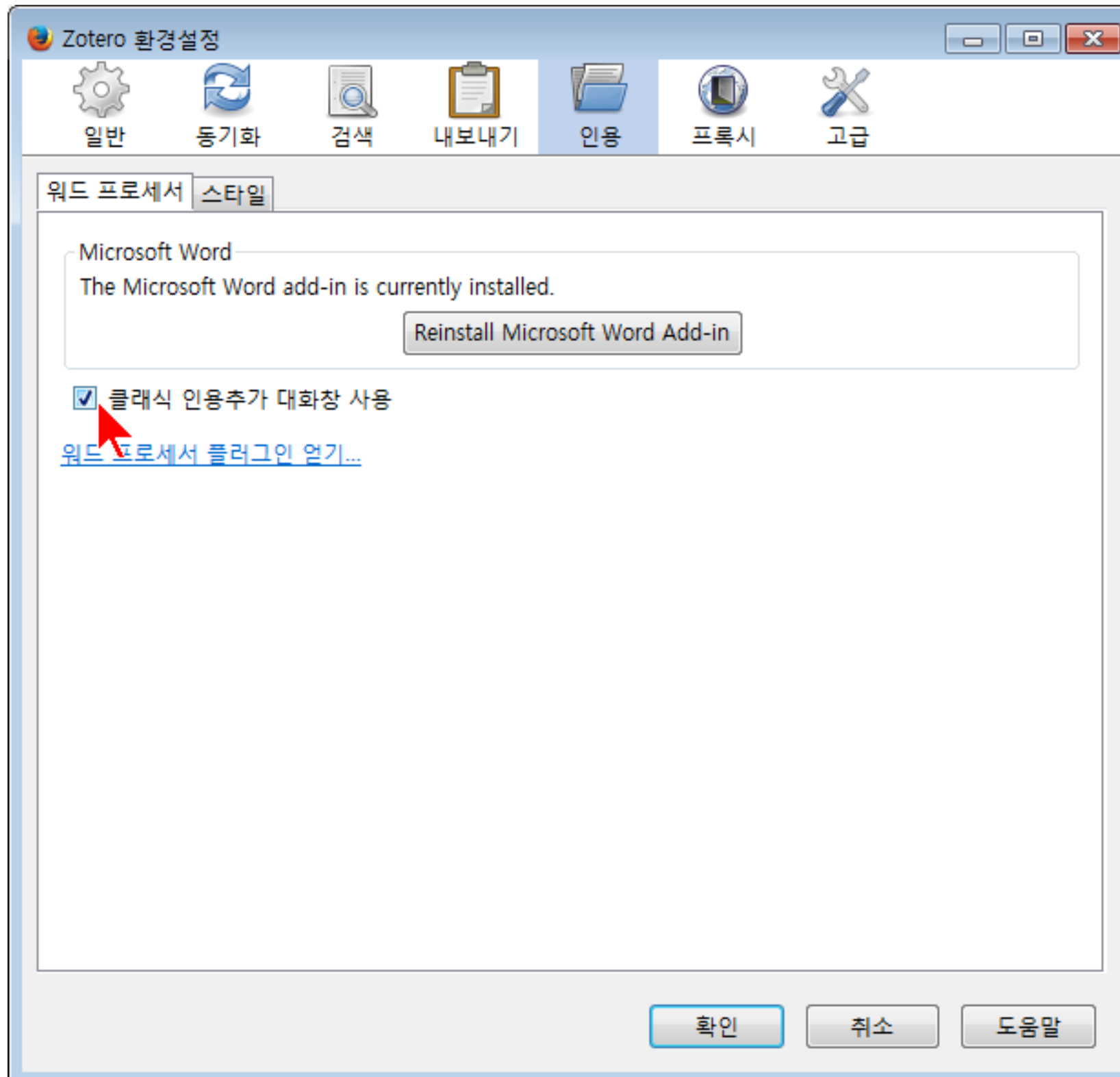
Edit citation-classic view



Edit citation-classic view



Edit citation-classic view



Insert Bibliography

1. Endnote는 자동으로 문서의 제일 뒤에
2. Zotero는 한번 지정
3. 그림 Legends, 표 Legends 등 있을 때 더 편리

Insert Bibliography

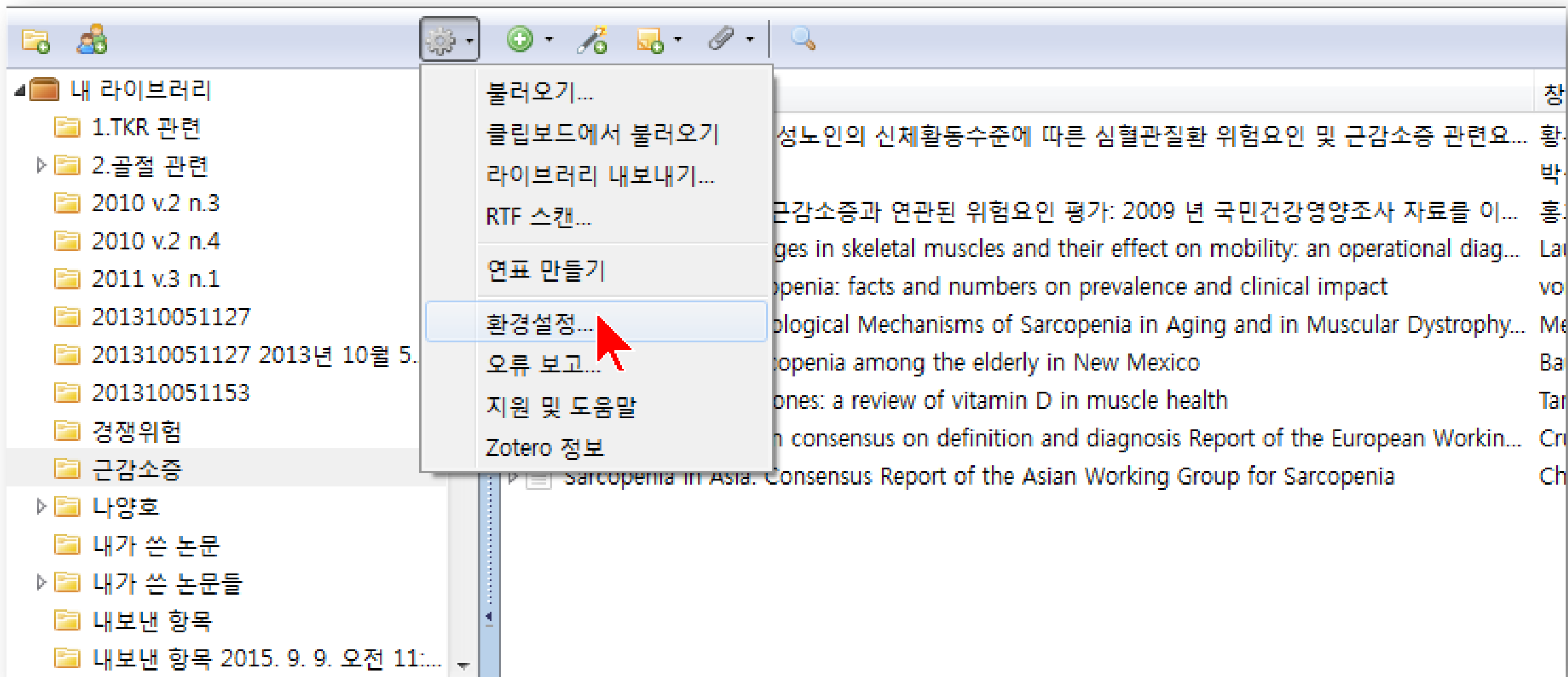
전국의 한국인 남자 1,182명, 여자 1,522명의 자료를 바탕으로 DEXA를 이용한 근감소증의 진단 기준을 확립하고 진단도구를 개발하였다^{1,2}. ASM과 체중 및 키를 이용하여 환산한 두 가지 SMI 모두와, 젊은 인구군에서의 자료와 비교한 score도 쉽게 볼 수 있도록 하여 무료로 공개하였다. 체중, 키, 허리둘레, 나이 등을 이용하여 한국인 남자와 여자에게 적합한 회귀식을 산출하여 공개하였다.

1. 강왕구, 황인성. 부력기구에 탑재된 싸이클로이달 블레이드형 고공풍력 시스템. *대한기계학회 2011년도 추계학술대회 강연 및 논문 초록집*. 2011:2344-2348.
2. 강현재. 임상강좌: 세포치료 어디까지 왔나? *Korean J Med 구 대한내과학회지*. 2010;79(2s):463-466.

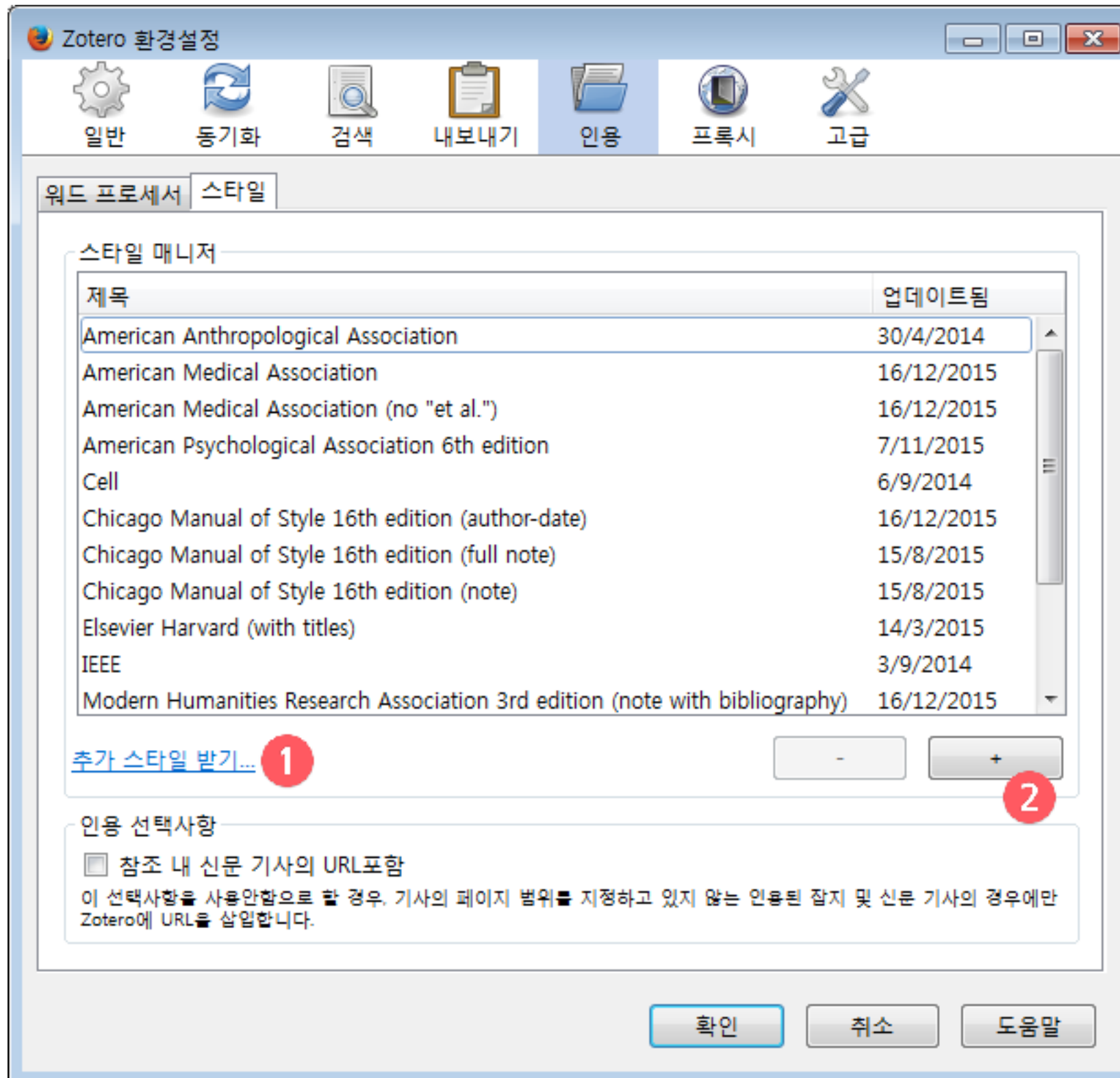
더 많은 스타일

1. Endnote는 최대화
2. Zotero는 최소화

더 많은 스타일



더 많은 스타일



더 많은 스타일

Zotero Style Repository

Here you can find [Citation Style Language](#) 1.0.1 citation styles for use with [Zotero](#) and other CSL 1.0.1-compatible software. For more information on using CSL styles with Zotero, see the [Zotero wiki](#).

Style Search

 Show only unique styles

Format: author author-date label note numeric

Fields: anthropology astronomy biology botany chemistry communications engineering generic-base geography geology history humanities law linguistics literature math medicine philosophy physics psychology theology

1 8,038 styles found:

- [3 Biotech](#) (2014-05-18 01:40:32)
- [3D Research](#) (2014-05-18 01:40:32)
- [3D-Printed Materials](#) (2014-05-18 01:40:32)
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- [AAPG Bulletin](#) (2013-03-29 23:50:45) [View Source](#)
- [AAPS PharmSciTech](#) (2014-05-18 01:40:32)

Hartman, P., J. P. Bezos, S. Kaphan, and J. Spiegel, 1999, Method and system for placing a purchase order via a communications network, US5960411 A.

Hogue, C. W. V., 2001, Structure databases, in A. D. Baxevanis, and B. F. F. Ouellette, eds., *Bioinformatics: New York, NY, Wiley-Interscience, Life Sciences Series*, p. 83–109.

Kötter, P., and M. Ciriacy, 1993, Xylose fermentation by *Saccharomyces cerevisiae*: *Applied Microbiology and Biotechnology*, v. 38, no. 6, p. 776–783, doi:10.1007/BF00167144.

Pear, R., 2008, Crisis puts tax moves into play.

Sambrook, J., and D. W. Russell, 2001, *Molecular cloning: a laboratory manual*: Cold Spring Harbor, NY, CSHL Press, 999 p.

더 많은 스타일

Zotero Style Repository

Here you can find [Citation Style Language](#) 1.0.1 citation styles for use with [Zotero](#) and other CSL 1.0.1-compatible software. For more information on using CSL styles with Zotero, see the [Zotero wiki](#).

Style Search

Format: numeric

knee

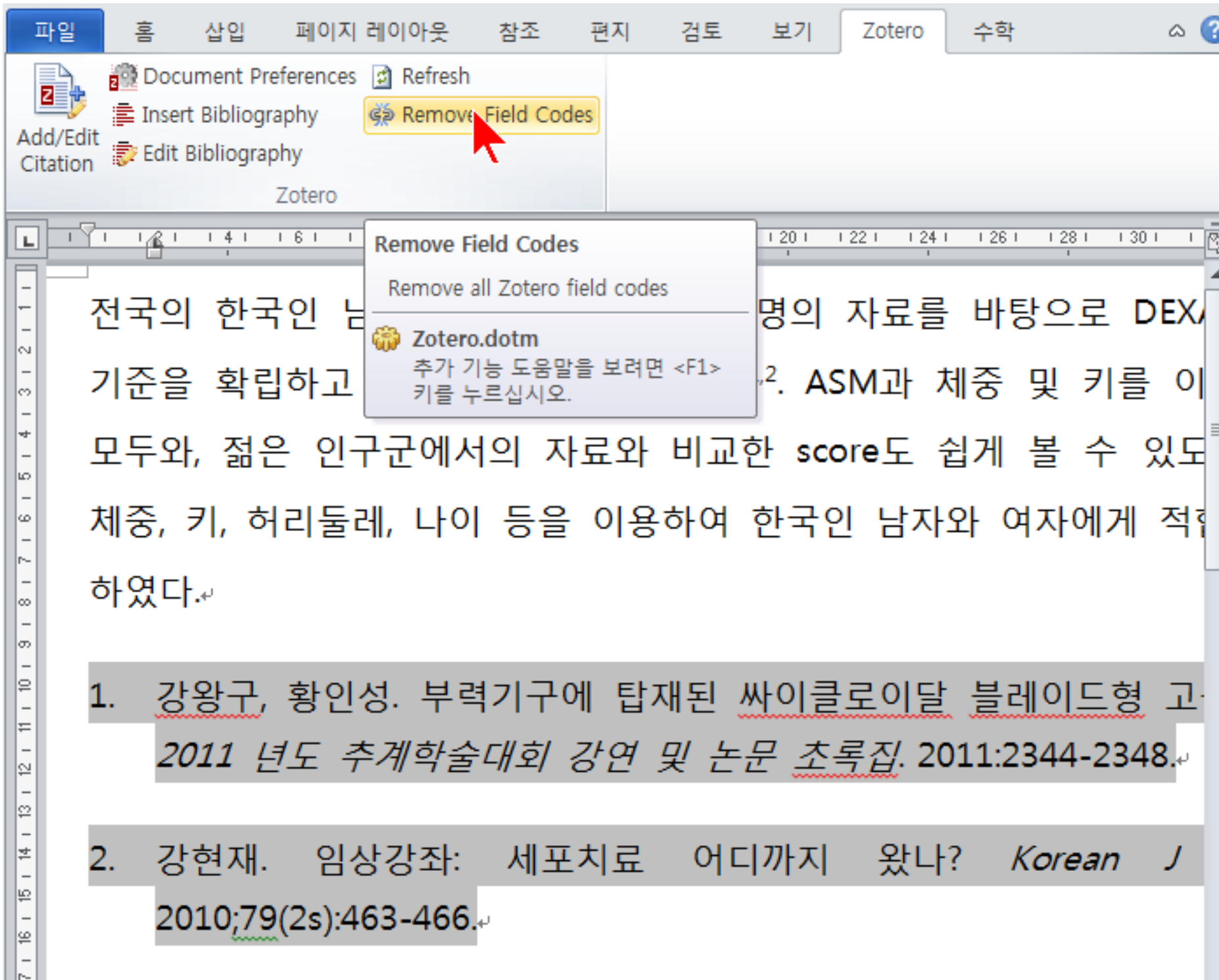
Fields: medicine

Show only unique styles

3 styles found:

- [Journal of Knee Surgery](#) (2013-03-29 23:50:45)
- [Knee Surgery, Sports Traumatology, Arthroscopy](#) (2014-09-06 22:02:33)
- [The Knee](#) (2014-05-18 02:57:11)

Remove Codes



The screenshot shows the Microsoft Word interface with the Zotero ribbon selected. The 'Remove Field Codes' option is highlighted in the ribbon. A context menu is open over the document text, showing the 'Remove Field Codes' option and a tooltip for 'Zotero.dotm'.

Remove Field Codes
Remove all Zotero field codes

Zotero.dotm
추가 기능 도움말을 보려면 <F1>
키를 누르십시오.

전국의 한국인 남
기준을 확립하고
모두와, 젊은 인구군에서의 자료와 비교한 score도 쉽게 볼 수 있도
체중, 키, 허리둘레, 나이 등을 이용하여 한국인 남자와 여자에게 적
하였다.

1. 강왕구, 황인성. 부력기구에 탑재된 싸이클로이달 블레이드형 고
2011년도 추계학술대회 강연 및 논문 초록집. 2011:2344-2348.
2. 강현재. 임상강좌: 세포치료 어디까지 왔나? *Korean J*
2010;79(2s):463-466.

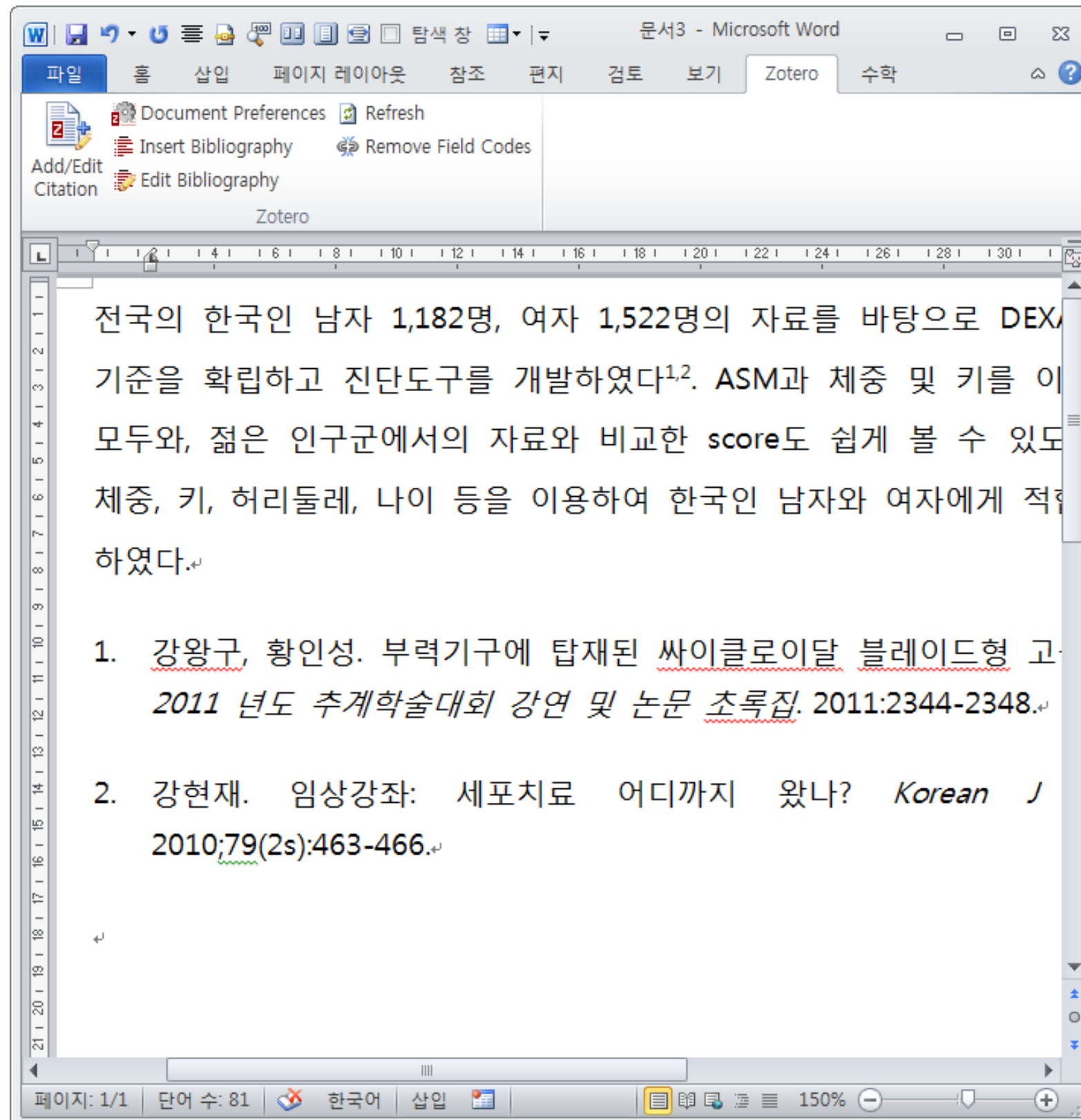
Remove Codes

The screenshot shows the Zotero application window with the 'Remove Field Codes' option highlighted in the 'Zotero' menu. A warning dialog box is displayed over the document, asking for confirmation to remove field codes. The dialog text is: '필드 코드를 삭제하면 Zotero가 인용 및 참고도서 목록을 업데이트하지 못하게 됩니다. 계속하길 원하십니까?' (If you delete field codes, Zotero will be unable to update citations and reference lists. Do you want to continue?). The dialog has '확인' (OK) and '취소' (Cancel) buttons.

하였다.

1. 강왕구, 황인성. 부력기구에 탑재된 싸이클로이달 블레이드형 고-
2011 년도 추계학술대회 강연 및 논문 초록집. 2011:2344-2348.
2. 강현재. 임상강좌: 세포치료 어디까지 왔나? *Korean J*
2010;79(2s):463-466.

Remove Codes



Remove Codes

1. 편집의 제일 마지막 단계
2. 원본을 저장해 두고, 사본을 만든 뒤에
3. 사본에 적용

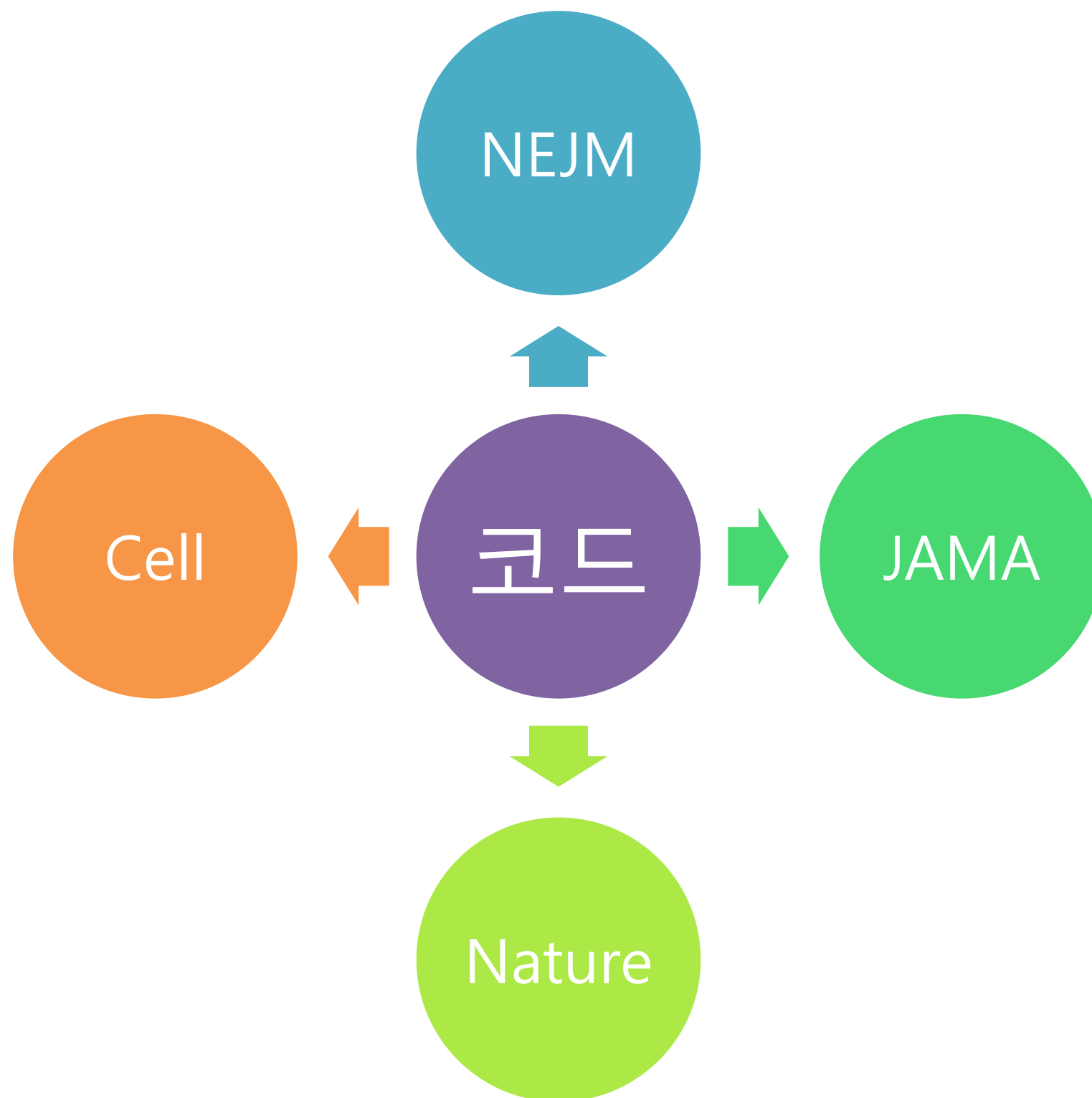
Remove Codes(EndNote)

1. 편집의 제일 마지막 단계
2. 원본을 그대로 두고, 사본을 자동적으로 만든 뒤에 적용

Remove Codes-Zotero

1. 근감소증.docx → 저장
2. 근감소증.**NEJM.decoded**.docx
→ 새이름으로 저장
3. 코드 제거 → 저장 → 제출
4. 근감소증.docx → 스타일 변경
→ 근감소증.**JAMA.decoded**.docx
→ 새이름으로 저장
5. 코드 제거 → 저장 → 제출

Remove Codes-Zotero



Remove Codes-Endnote

1. 근감소증.docx → 저장
2. 코드 제거를 적용 →
3. 근감소증.decoded.docx
→ 저장 → 제출
4. 초보자 : 실수 예방에 유리

Remove Codes- Endnote/zotero

1. ‘원본’과 ‘코드제거본’을
둘 다 가지고 있어야.
2. Reject 되어서 style 바꿀 수
있다.

What every smart researcher should know

연구자의 황금같은 시간을 아껴주는 도구

논문, 쉽고 편하게 쓰자

김지형 | 손명호 | 문준희 공저

3판

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- Chapter 03 Zotero 응용

Section 02 유용한 도구들

- Chapter 01 MS 워드
- Chapter 02 MS 파워포인트
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