



Asisten Deputi Olahraga Pendidikan  
Kementerian Pemuda dan Olahraga



# Reference Manager : Mendeley

Tangerang, Kamis 21 Maret 2024



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**JOPI**  
jurnal Olahraga Pendidikan Indonesia



# Mendeley ?

1. Mendeley merupakan suatu aplikasi yang berguna untuk membuat sitasi (bodynote & daftar pustaka) secara otomatis.
2. Perpustakaan digital pribadi yang bisa diakses secara online, dengan kapasitas penyimpanan maksimal 2GB.



# Langkah-langkah dalam menjalankan Mendeley

**Instalasi**



**Membuat sitasi dan daftar pustaka**



**Membuat library**



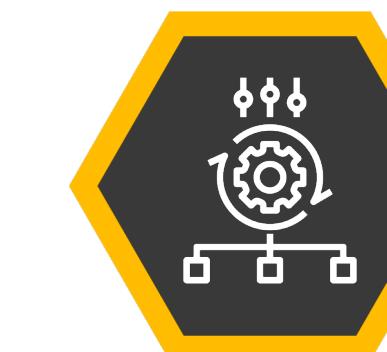
**Sinkronisasi file referensi dengan Mendeley online**



**Mengelola dokumen referensi**



**Berkolaborasi dengan Mendeley**



# Kenali 2 Versi Mendeley

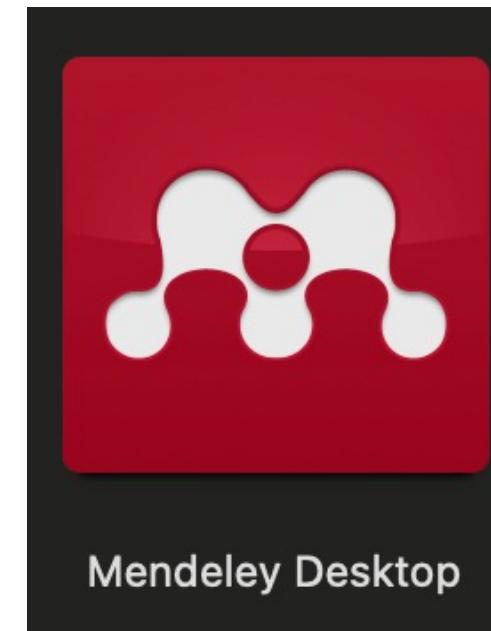
## PERBANDINGAN MENDELEY DESKTOP DAN MENDELEY REFENCE MANAGER

### FITUR

1. Kebutuhan Koneksi Internet
2. Penyimpanan Referensi PDF
3. Spasi atau Kouta
4. Microsoft Office
5. Citation Plug In
6. Fungsi Filter, Author, Tag, Keyword dan Publication

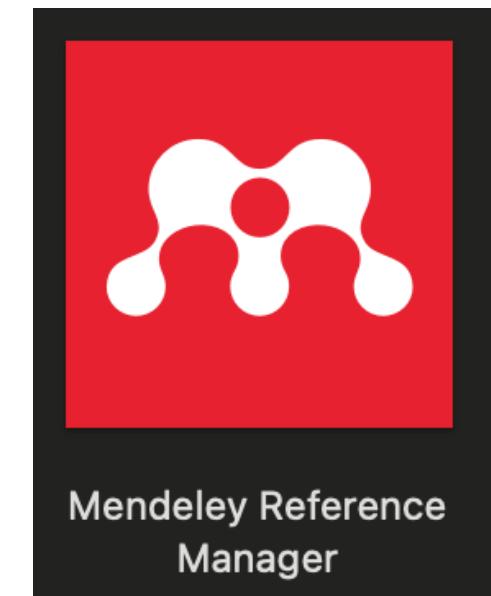
### Mendeley Desktop

1. Login Pertama Kali
2. Offline atau Desktop
3. Tak terbatas (asal tdk singkron)
4. Untuk , 2010, 2013, 2016, 2024
5. add-in dari Mendeley Desktop
6. Tersedia



### Mendeley Reference Manager

1. Setiap Kali Login
2. online (Cloud)
3. 2GB untuk Akun Gratis
4. 2016, 2019, 365
5. Mendeley Cite
6. Belum Tersedia



“

# 1. Membuat Akun & *Install* Mendeley

## 1. Membuat akun dan Instal Mendeley

- 1) Akses laman web <http://www.mendeley.com>
- 2) Klik “Create a free account” untuk membuat akun Mendeley



## Cara Instal

Akses ke

<https://bit.ly/4akzRn1>

Registrasi akun

Klik “Download Mendeley Desktop for Windows”

Setelah proses download selesai, buka dan pilih “Run”

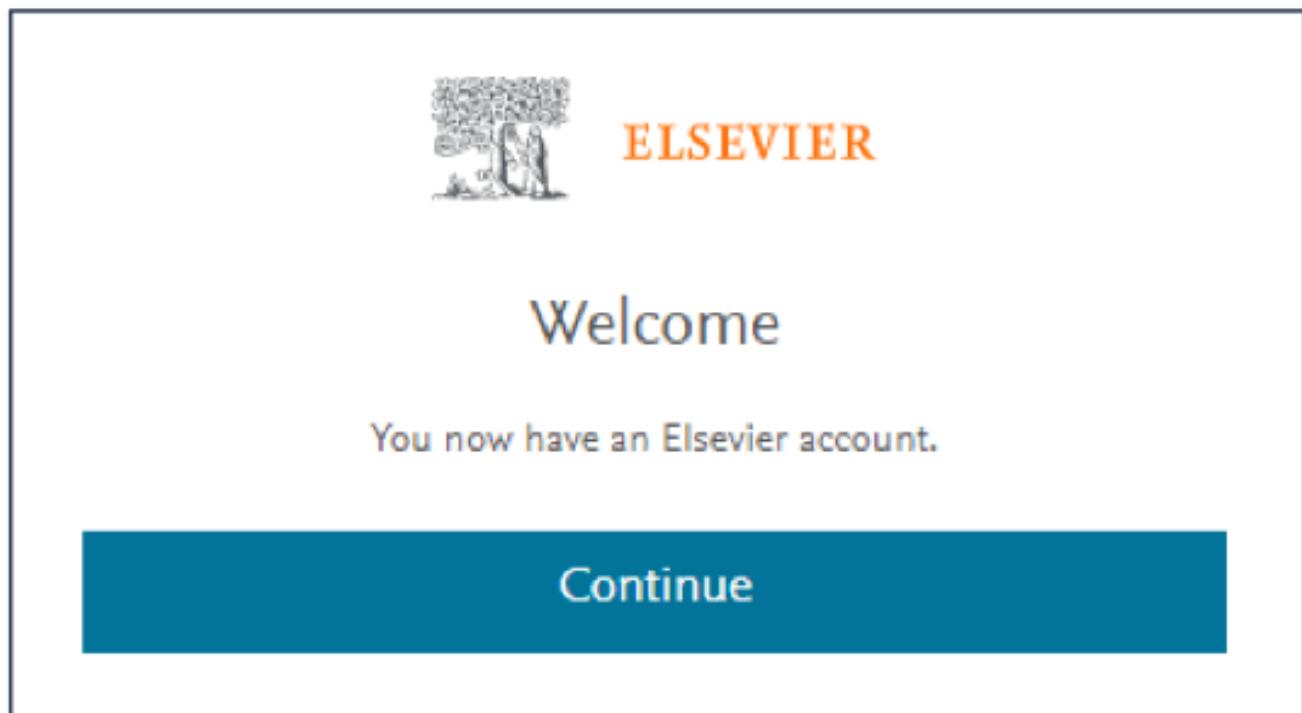
- 3) Ketikkan alamat e-mail Anda dan kemudian klik “Continue”.

The screenshot shows a "Welcome" screen from Elsevier Mendeley. At the top left is the Elsevier logo and the word "ELSEVIER". Below it is a QR code. The main heading is "Welcome". A sub-instruction says "Enter your email to continue with Mendeley". There is an "Email" input field with a placeholder "Email" and a "Continue" button below it. At the bottom is a "Sign in via your institution" button.

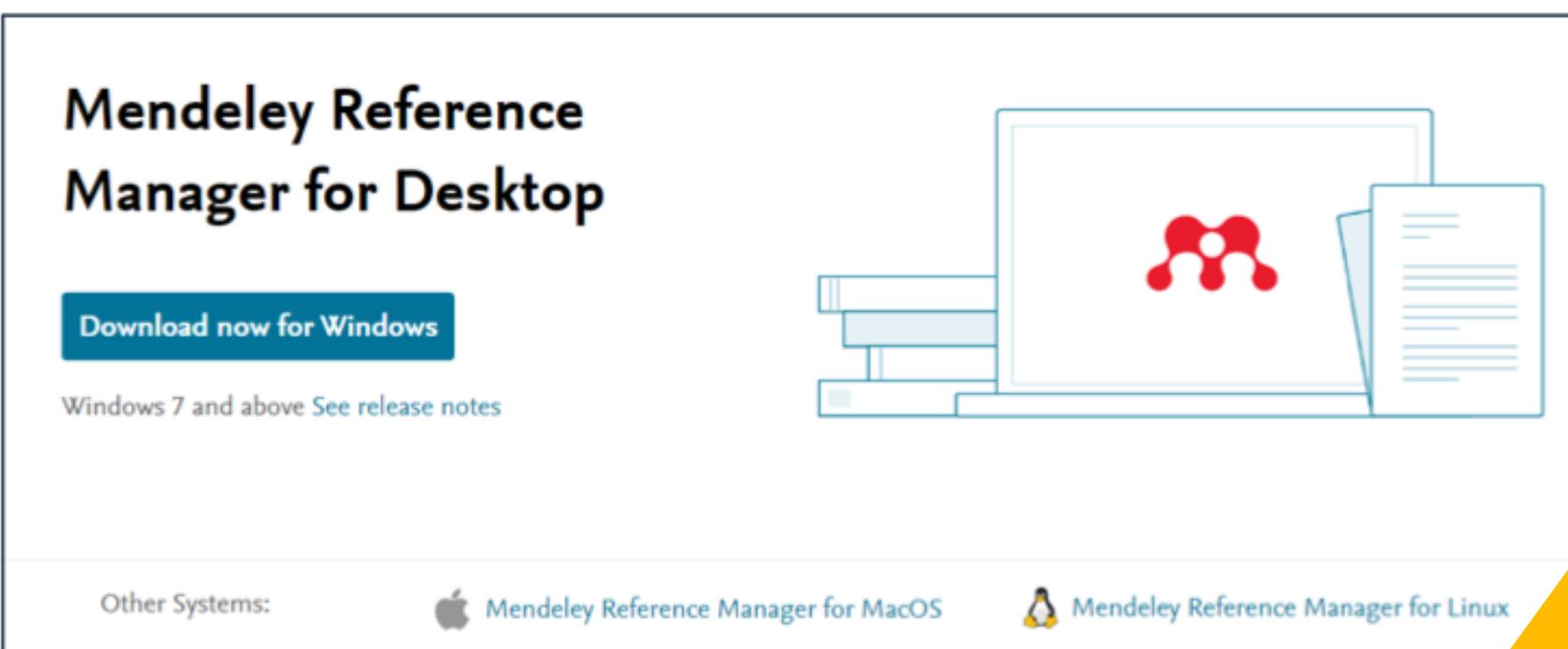
- 4) Ketikkan nama depan, nama belakang, dan juga password akun Mendeley. Kemudian klik “Register”

The screenshot shows a "Register" screen from Elsevier Mendeley. At the top left is the Elsevier logo and the word "ELSEVIER". Below it is a QR code. The main heading is "Register". A sub-instruction says "Create password to register". An "Email" input field contains "dosen01923@unpam.ac.id". Below it are fields for "Given name" and "Family name", both of which are currently empty. There is a "Password" input field with a placeholder "Choose a unique password with minimum 8 characters. Include at least 1 number, a mix of lowercase and uppercase letters and 1 symbol to make your password strong." Below the password field is a note: "Choose a unique password with minimum 8 characters. Include at least 1 number, a mix of lowercase and uppercase letters and 1 symbol to make your password strong." There is a checkbox labeled "Stay signed in (not recommended for shared devices)". Below the checkbox is a note: "Elsevier may send you marketing communications about relevant products and events. You can unsubscribe at any time via your Elsevier account." At the bottom are two buttons: a grey "Register" button and a blue "I already have an account" button.

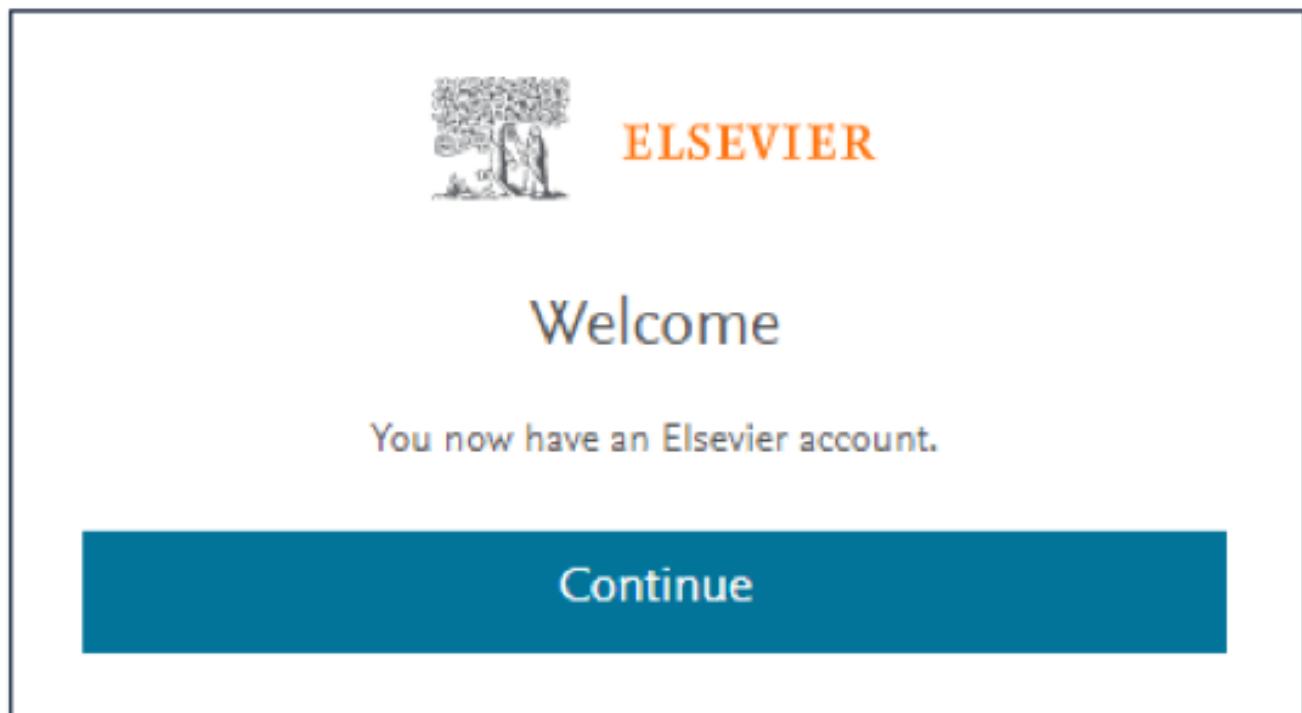
- 5) Akun Mendeley sudah terdaftar, dan kemudian klik “Continue”.



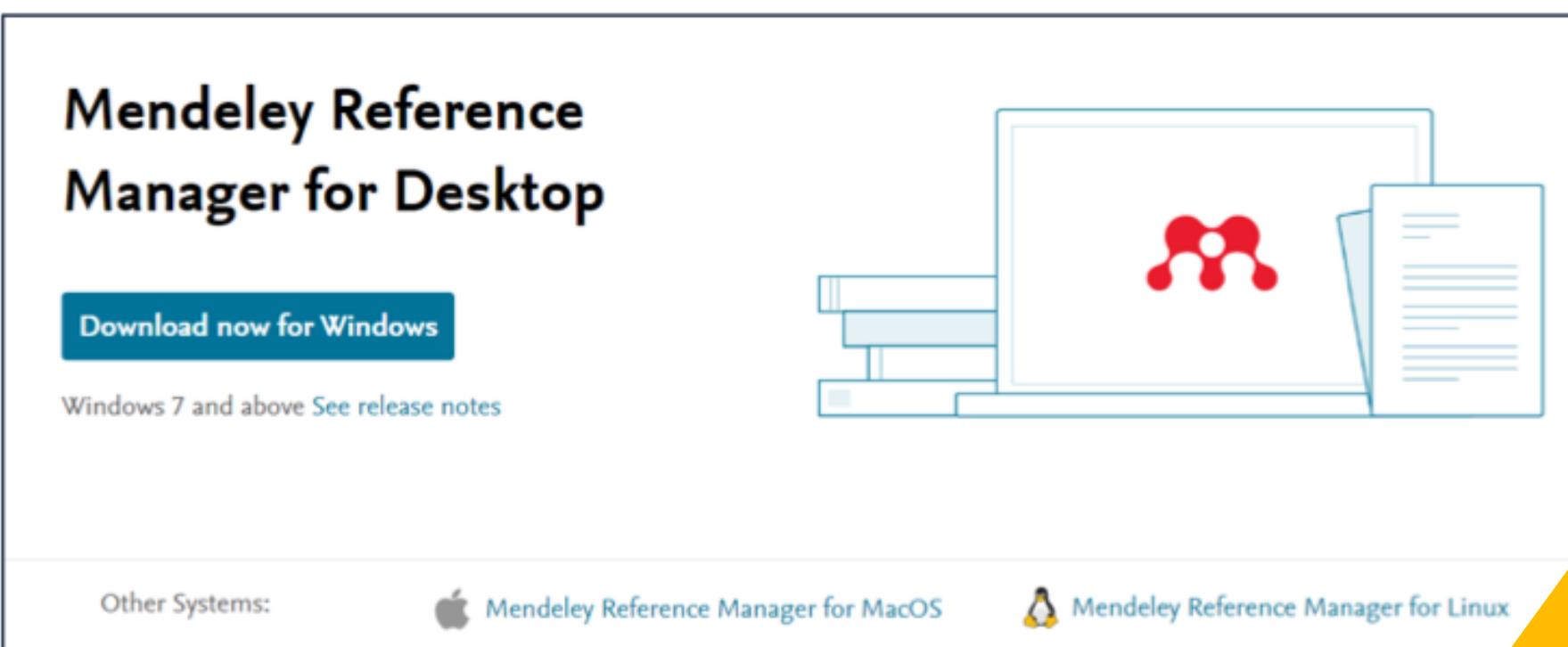
- 6) Untuk download Mendeley Reference Manager, pada web browser Anda, akses laman <https://www.mendeley.com/download-reference-manager/windows>
- 7) Pilih “Download now for Windows” (menyesuaikan *operating system* komputer Anda).



- 5) Akun Mendeley sudah terdaftar, dan kemudian klik “Continue”.



- 6) Untuk download Mendeley Reference Manager, pada web browser Anda, akses laman <https://www.mendeley.com/download-reference-manager/windows>
- 7) Pilih “Download now for Windows” (menyesuaikan *operating system* komputer Anda).

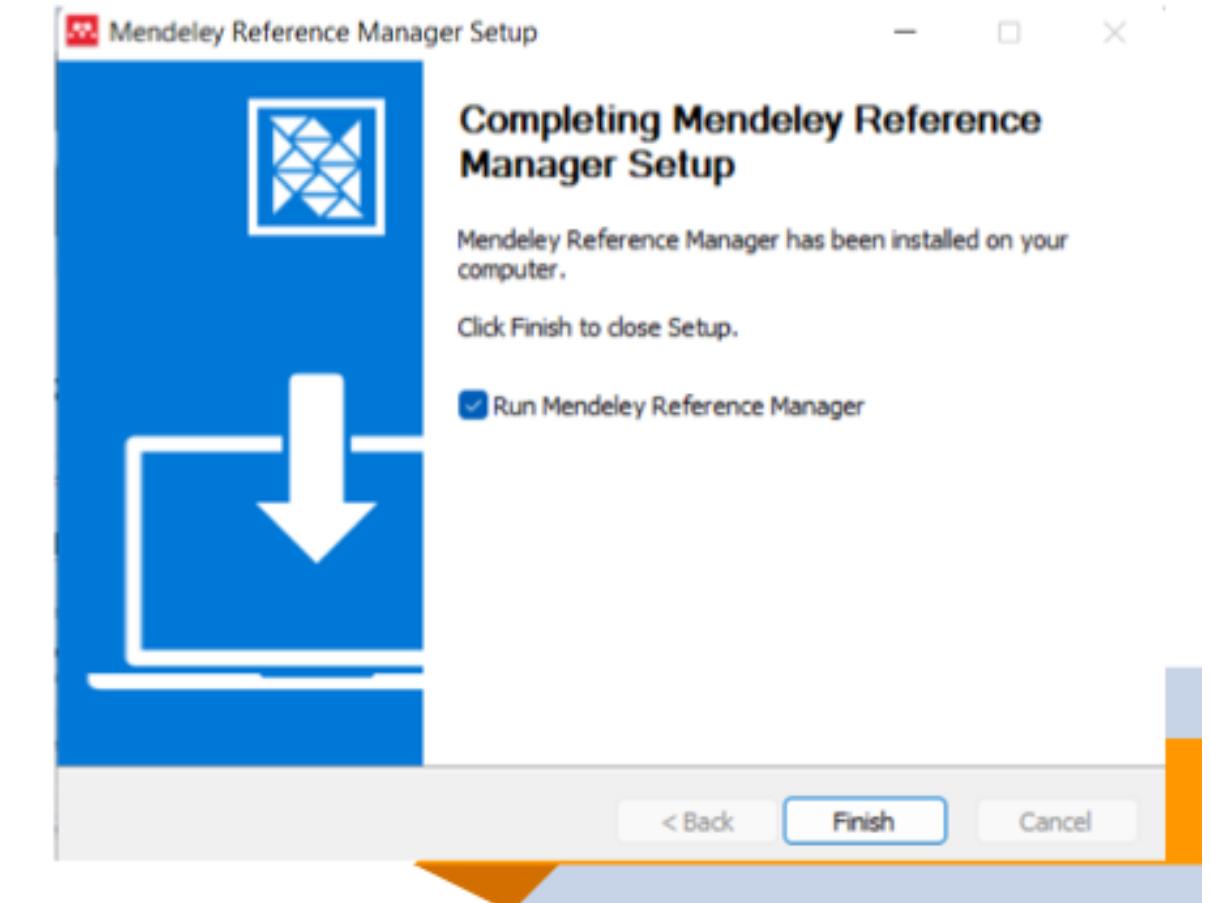
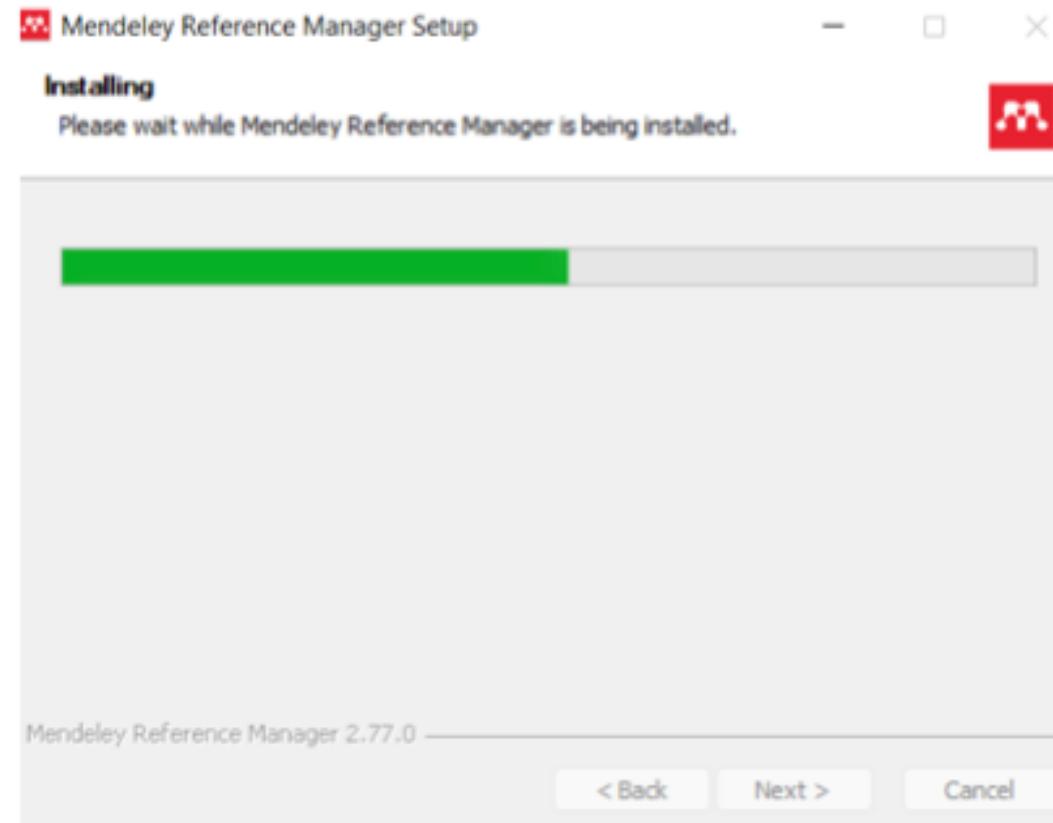
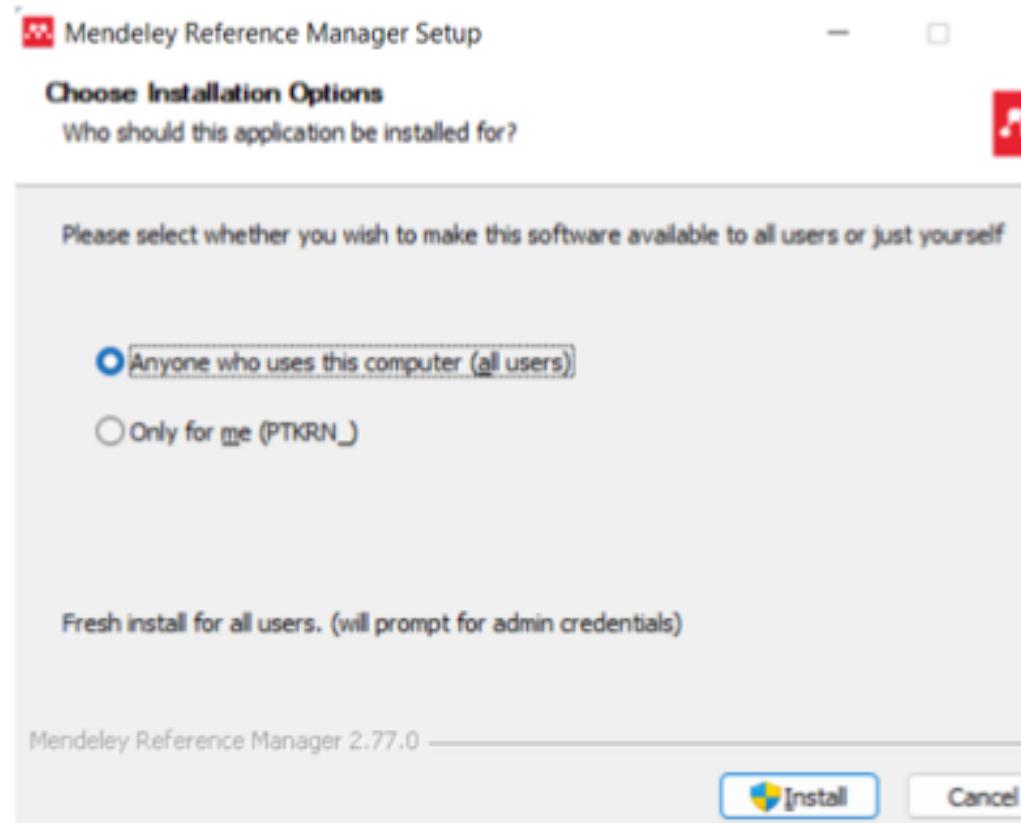


# Instal Mendeley Reference

Akses ke

<https://bit.ly/4akzRn1>

- 1) Buka program Mendeley Reference Manager yang telah di *download*
- 2) Klik salah satu pilihan *all users* atau *only for me*, kemudia klik “install”.
- 3) Tunggu hingga proses instalasi selesai dan klik “finish”



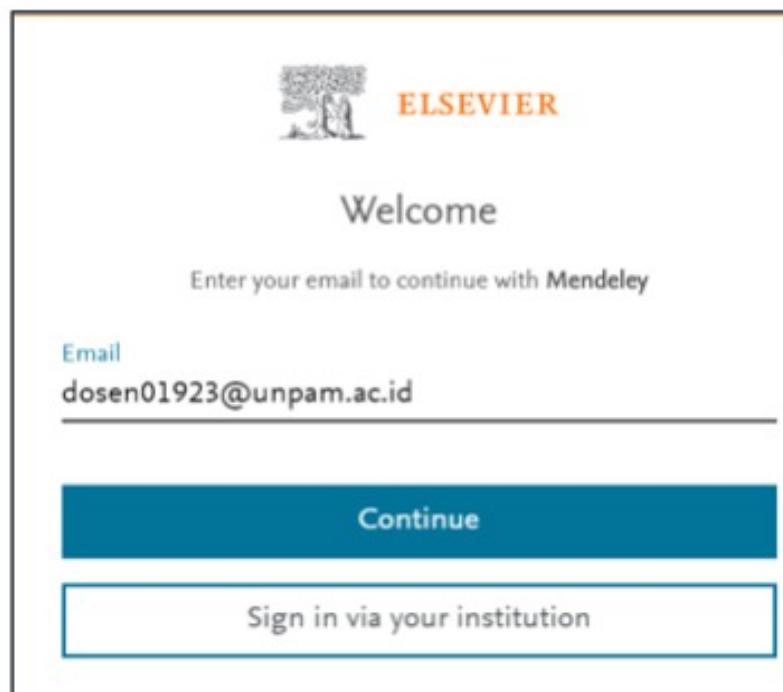
“

## 2. Antarmuka (*Interface*) Mendeley Reference Manager

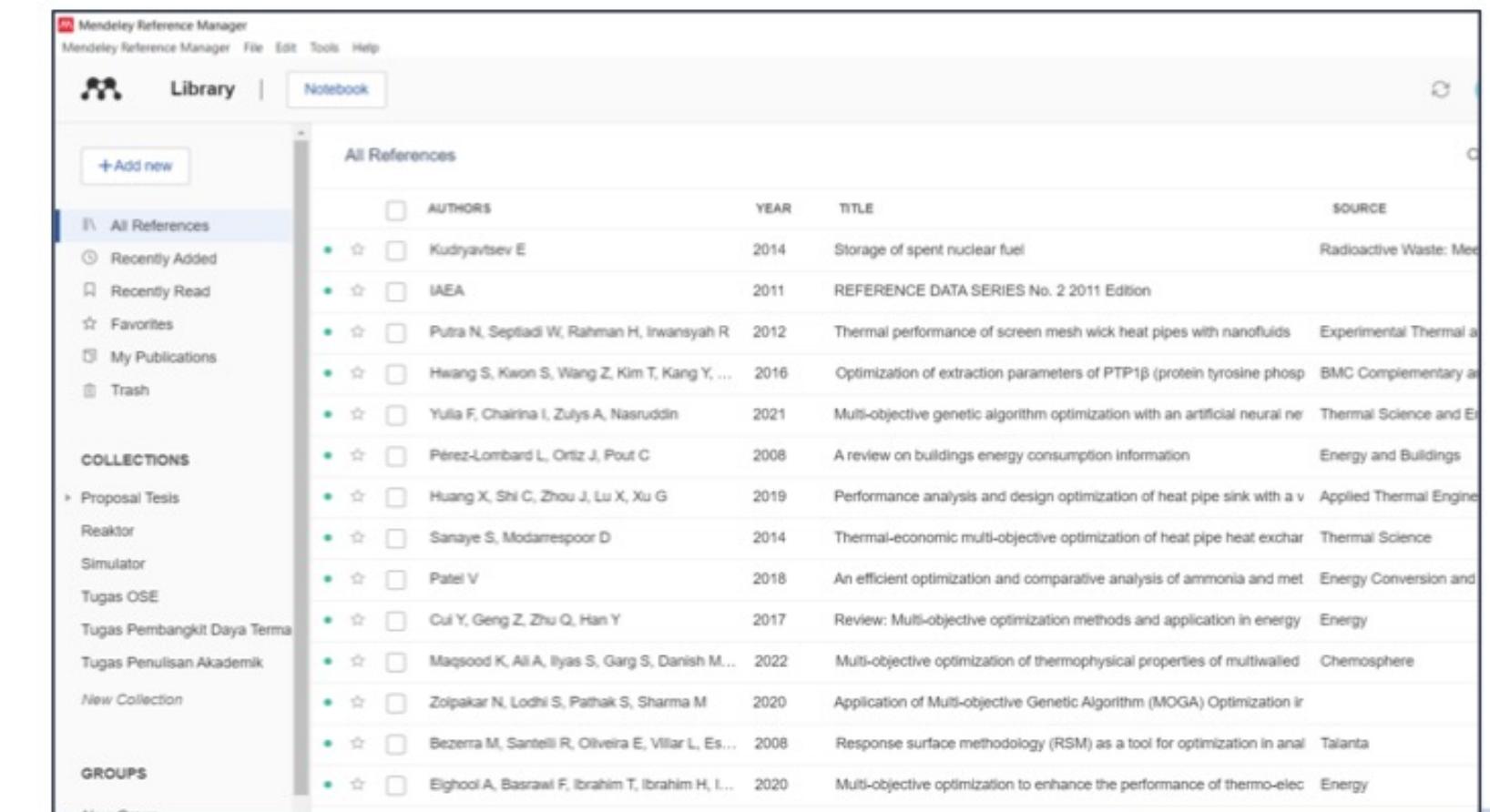
## 2.1 Mendeley Reference Manager

Mendeley Desktop will no longer be available for download from 1st September 2022. As you have Mendeley Desktop installed you will still be able to sign in and use it as normal after this date. For more information see <https://blog.mendeley.com>

- 1) Install aplikasi Mendeley Reference Manager
- 2) Masuk ke akun Mendeley
- 3) Isi alamat email dan password dari akun Mendeley anda



### 4) Interface dari Mendeley Reference Manager



AUTHORS	YEAR	TITLE	SOURCE
Kudryavtsev E	2014	Storage of spent nuclear fuel	Radioactive Waste: Me...
IAEA	2011	REFERENCE DATA SERIES No. 2 2011 Edition	
Putra N, Septiadi W, Rahman H, Irwansyah R	2012	Thermal performance of screen mesh wick heat pipes with nanofluids	Experimental Thermal a...
Hwang S, Kwon S, Wang Z, Kim T, Kang Y, ...	2016	Optimization of extraction parameters of PTP1 $\beta$ (protein tyrosine phosphatase 1B)	BMC Complementary a...
Yulia F, Chairina I, Zulyas A, Nasruddin	2021	Multi-objective genetic algorithm optimization with an artificial neural ne...	Thermal Science and E...
Pérez-Lombard L, Ortiz J, Pout C	2008	A review on buildings energy consumption information	Energy and Buildings
Huang X, Shi C, Zhou J, Lu X, Xu G	2019	Performance analysis and design optimization of heat pipe sink with a v...	Applied Thermal Engine...
Sanaye S, Modarespoor D	2014	Thermal-economic multi-objective optimization of heat pipe heat excha...	Thermal Science
Patel V	2018	An efficient optimization and comparative analysis of ammonia and met...	Energy Conversion and...
Cui Y, Geng Z, Zhu Q, Han Y	2017	Review: Multi-objective optimization methods and application in energy...	Energy
Maqsood K, Ali A, Ilyas S, Garg S, Danish M...	2022	Multi-objective optimization of thermophysical properties of multiwalled...	Chemosphere
Zolpakar N, Lodhi S, Pathak S, Sharma M	2020	Application of Multi-objective Genetic Algorithm (MOGA) Optimization in...	
Bezerra M, Santelli R, Oliveira E, Villar L, Es...	2008	Response surface methodology (RSM) as a tool for optimization in anal...	Talanta
Elghozi A, Basrawi F, Ibrahim T, Ibrahim H, I...	2020	Multi-objective optimization to enhance the performance of thermo-elec...	Energy

## Interface Mendeley Reference

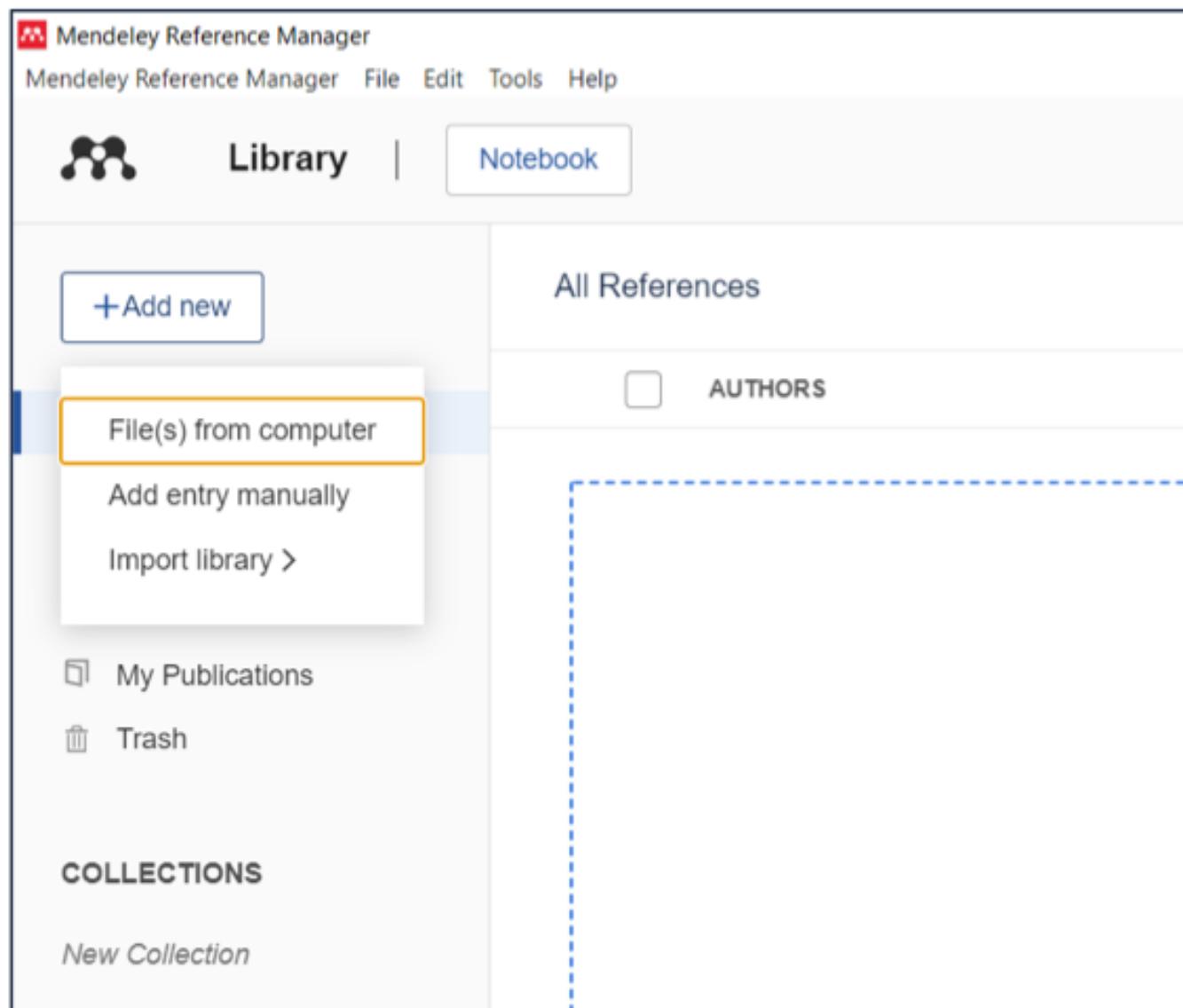
Manager terdiri dari *menu bar* dan kolumn. Ada 2 kolumn utama pada *interface*, yaitu:

- Kolom kiri (*left panel*) terdiri dari folder-folder yang memuat referensi. Ada beberapa folder yang telah tersedia seperti: "All References, Recently Added, Recently Read, Favorites, My Publications, Trash".
- Kolom kanan (*right panel*), menampilkan seluruh daftar referensi yang dipilih dari folder di kolom kiri. Untuk mencari dokumen dapat menggunakan fitur "search".

The screenshot shows the Mendeley Reference Manager application window. At the top, there is a menu bar with File, Edit, Tools, and Help. Below the menu is a toolbar with icons for adding new items and a search function. The main interface is divided into two panels: the left panel (Library) and the right panel (Notebook). The Library panel has tabs for 'Library' and 'Notebook'. It features a sidebar with a tree view of reference categories: All References, Recently Added, Recently Read, Favorites, My Publications, and Trash. Below this are sections for Collections (Proposal Tesis, Reaktor, Simulator, Tugas OSE, Tugas Pembangkit Daya Terma, Tugas Penulisan Akademik, New Collection) and Groups (New Group). The right panel displays a list titled 'All References' with columns for AUTHORS, YEAR, TITLE, and SOURCE. The list contains 15 entries, each with a checkbox next to the author's name. The entries are as follows:

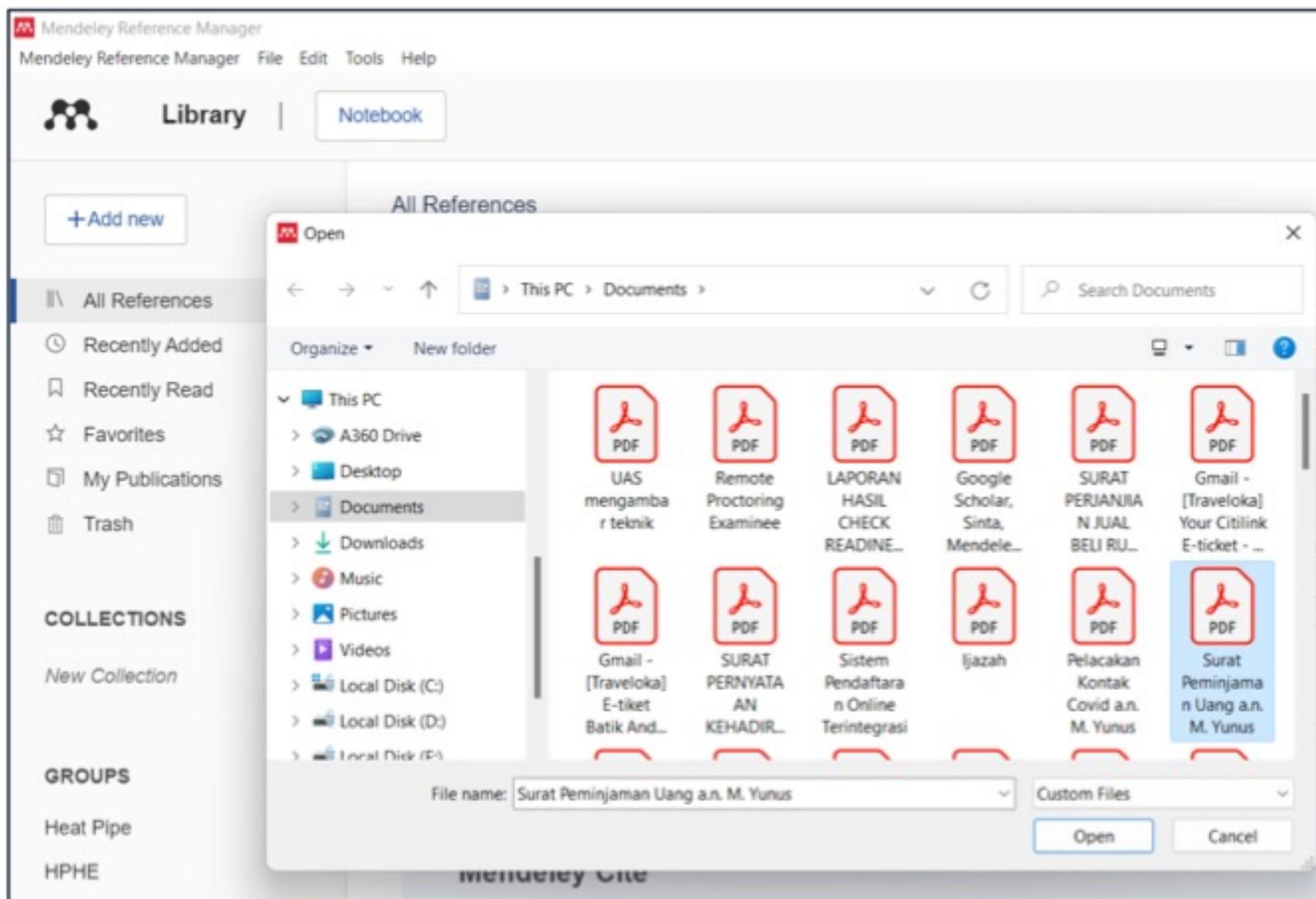
AUTHORS	YEAR	TITLE	SOURCE
Kudryavtsev E	2014	Storage of spent nuclear fuel	Radioactive Waste: Me...
IAEA	2011	REFERENCE DATA SERIES No. 2 2011 Edition	
Putra N, Septiadi W, Rahman H, Irwansyah R	2012	Thermal performance of screen mesh wick heat pipes with nanofluids	Experimental Thermal a...
Hwang S, Kwon S, Wang Z, Kim T, Kang Y, ...	2016	Optimization of extraction parameters of PTP1 $\beta$ (protein tyrosine phosphatase 1B)	BMC Complementary a...
Yulia F, Chairina I, Zulyas A, Nasruddin	2021	Multi-objective genetic algorithm optimization with an artificial neural netwo...	Thermal Science and En...
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Cui Y, Geng Z, Zhu Q, Han Y	2017	Review: Multi-objective optimization methods and application in energy	Energy
Maqsood K, Ali A, Ilyas S, Garg S, Danish M...	2022	Multi-objective optimization of thermophysical properties of multiwalled	Chemosphere
Zolpakar N, Lodhi S, Pathak S, Sharma M	2020	Application of Multi-objective Genetic Algorithm (MOGA) Optimization for	Industrial Engineering and...
Bezerra M, Santelli R, Oliveira E, Villar L, Es...	2008	Response surface methodology (RSM) as a tool for optimization in anal...	Talanta
Elghool A, Basrawi F, Ibrahim T, Ibrahim H, I...	2020	Multi-objective optimization to enhance the performance of thermo-elec...	Energy

- 5) Untuk menambahkan referensi, Klik “+Add now” untuk menambahkan dokumen ke dalam Mendeley



- **File(s) from computer:** Menambahkan dokumen dari komputer
- **Add entry manually :** Melakukan input data secara manual
- **Import library > :** Menambahkan data dari format library

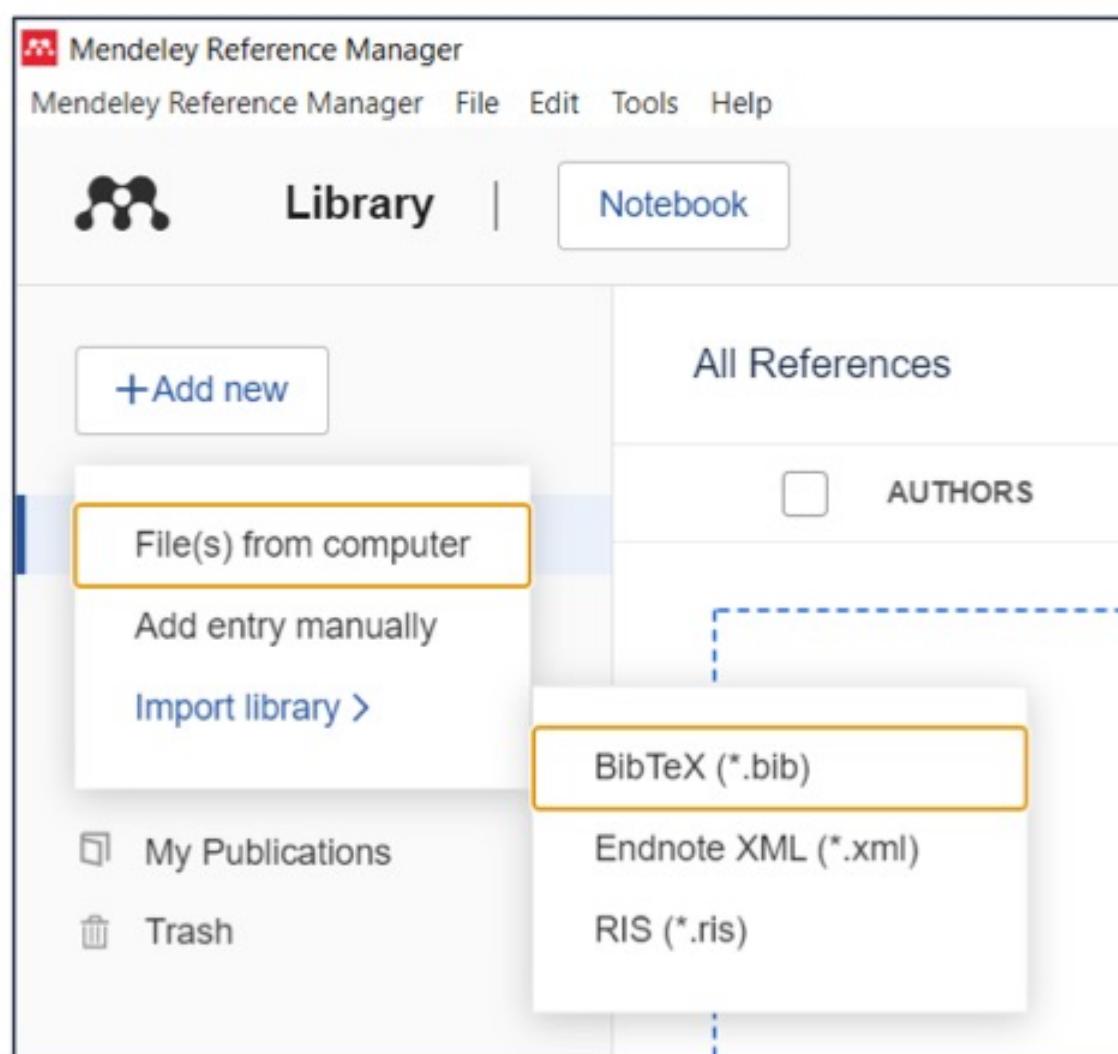
- 6) Untuk menambahkan dokumen dari komputer, pilih "File(s) from computer", pilih dokumen pdf yang akan ditambahkan dan klik tombol "open".



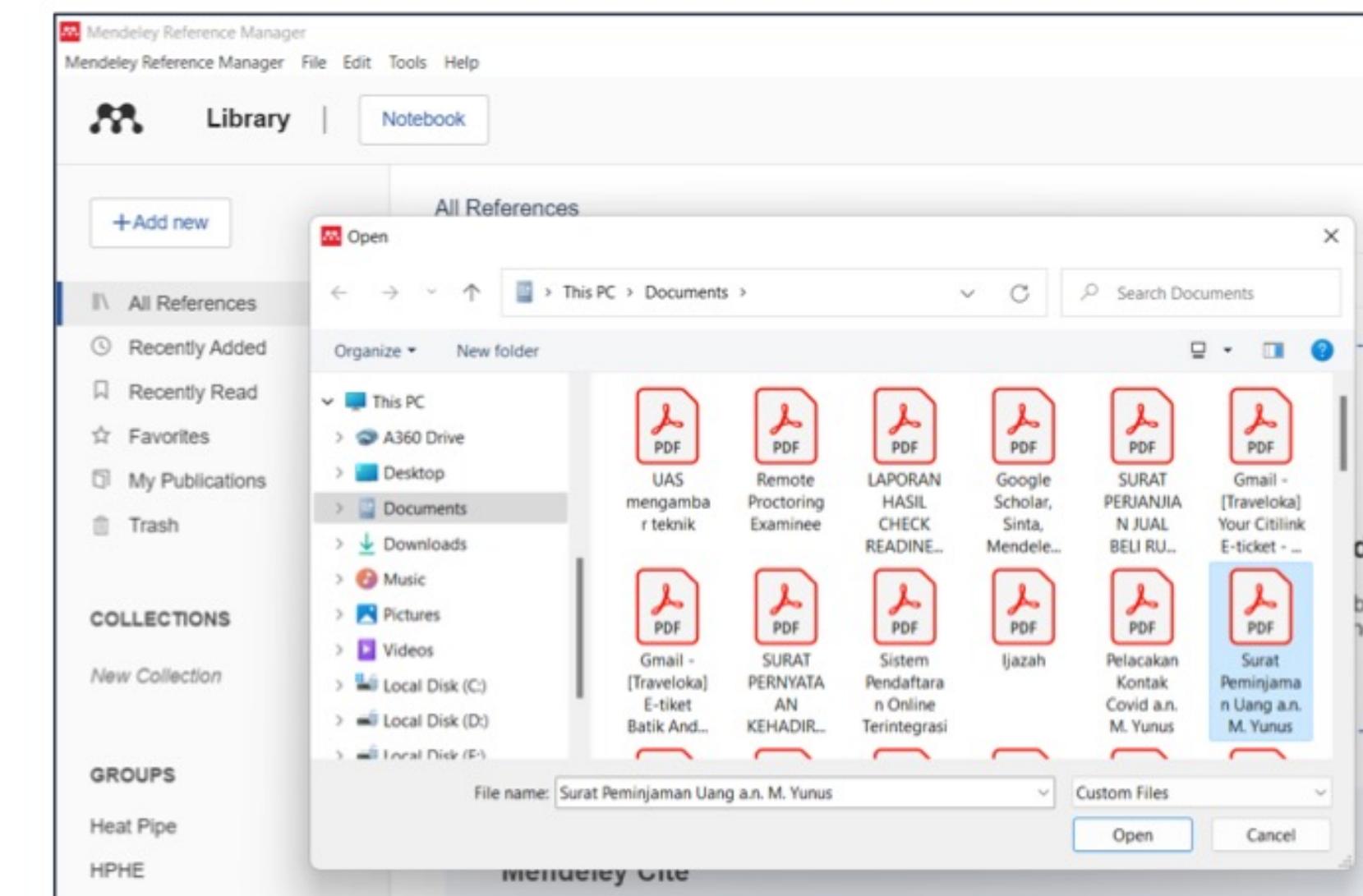
- 7) Melakukan input data secara manual, pilih "Add entry manually", dan input meta data dari referensi.

The screenshot shows the 'Add entry manually' dialog box. It has a sidebar with 'All References' selected. The main area contains fields for 'Identifiers (ArXivID, DOI or PMID)', 'Reference Type' (set to 'Journal Article'), 'Title', 'Authors' (with a note: 'Please enter author names as "last name, first name" (e.g. "Smith, Jane")'), 'Groups' (Heat Pipe, HPHE, New Group), and 'Journal'. At the bottom are 'Add entry' and 'Cancel' buttons.

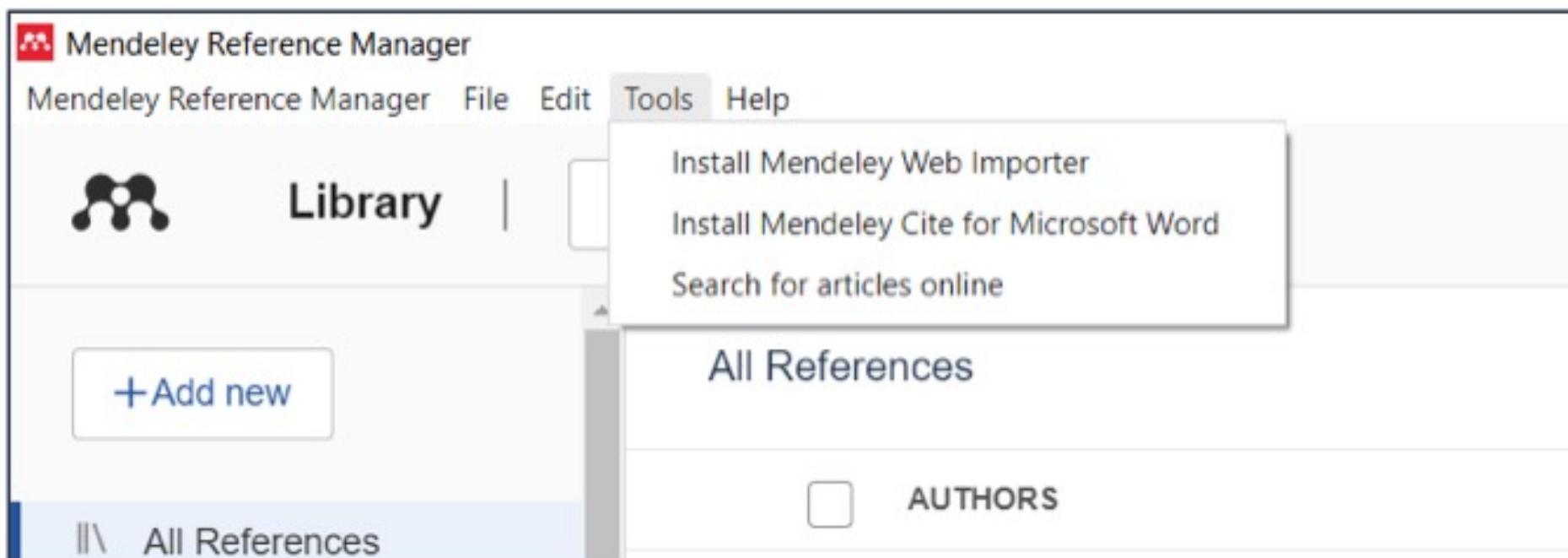
8) Menambahkan data dari dokumen dengan format *library*, pilih “Import library >” dan sesuaikan dengan format library yang diinginkan (misalnya: format BibTeX (\*.bib)).



9) Pilih dokumen dengan format library yang sesuai.



10) Pilih menu “Tools” dan pilih “Install Mendeley Cite for Microsoft Word”



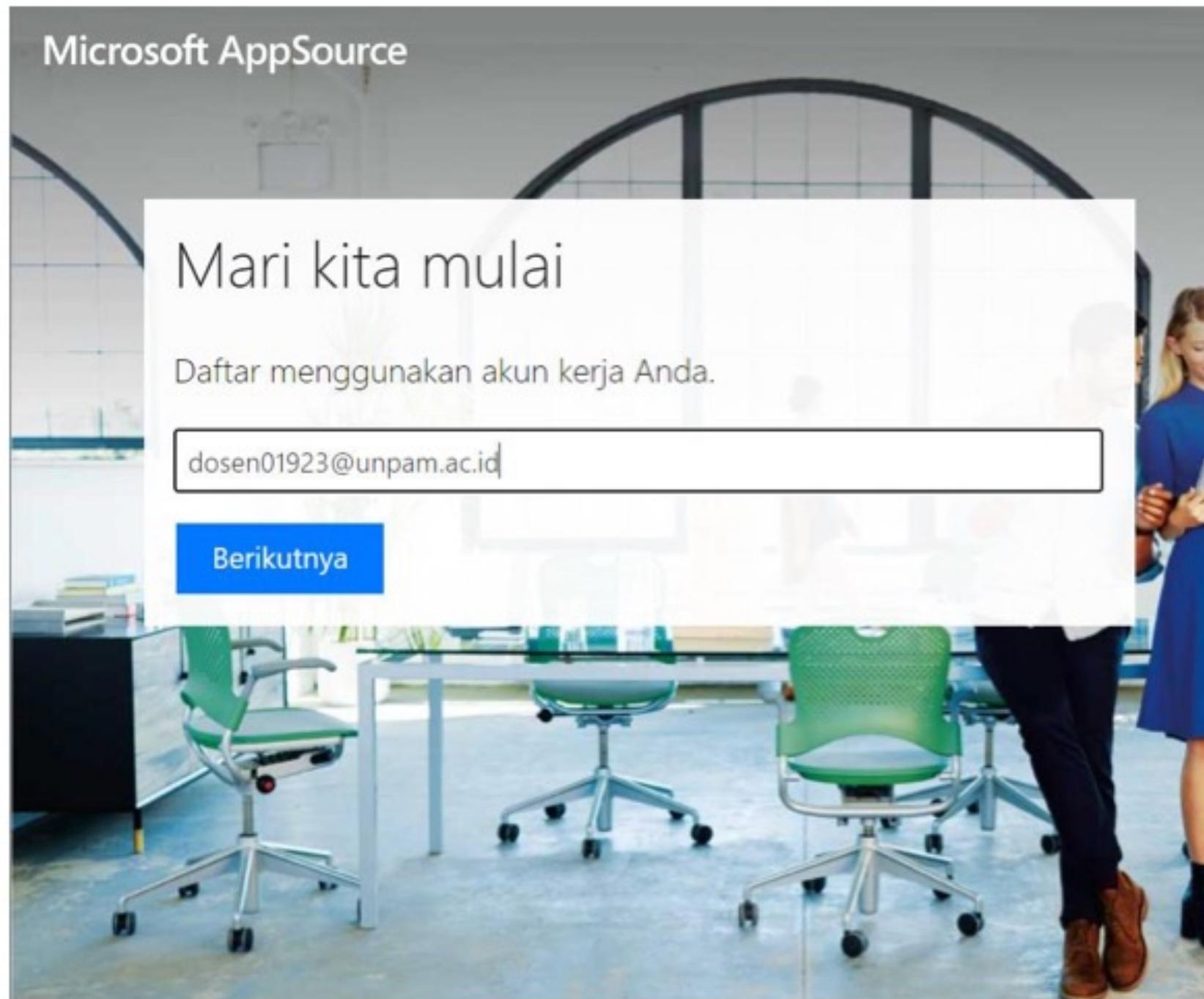
11) Klik “Dapatkan sekarang”



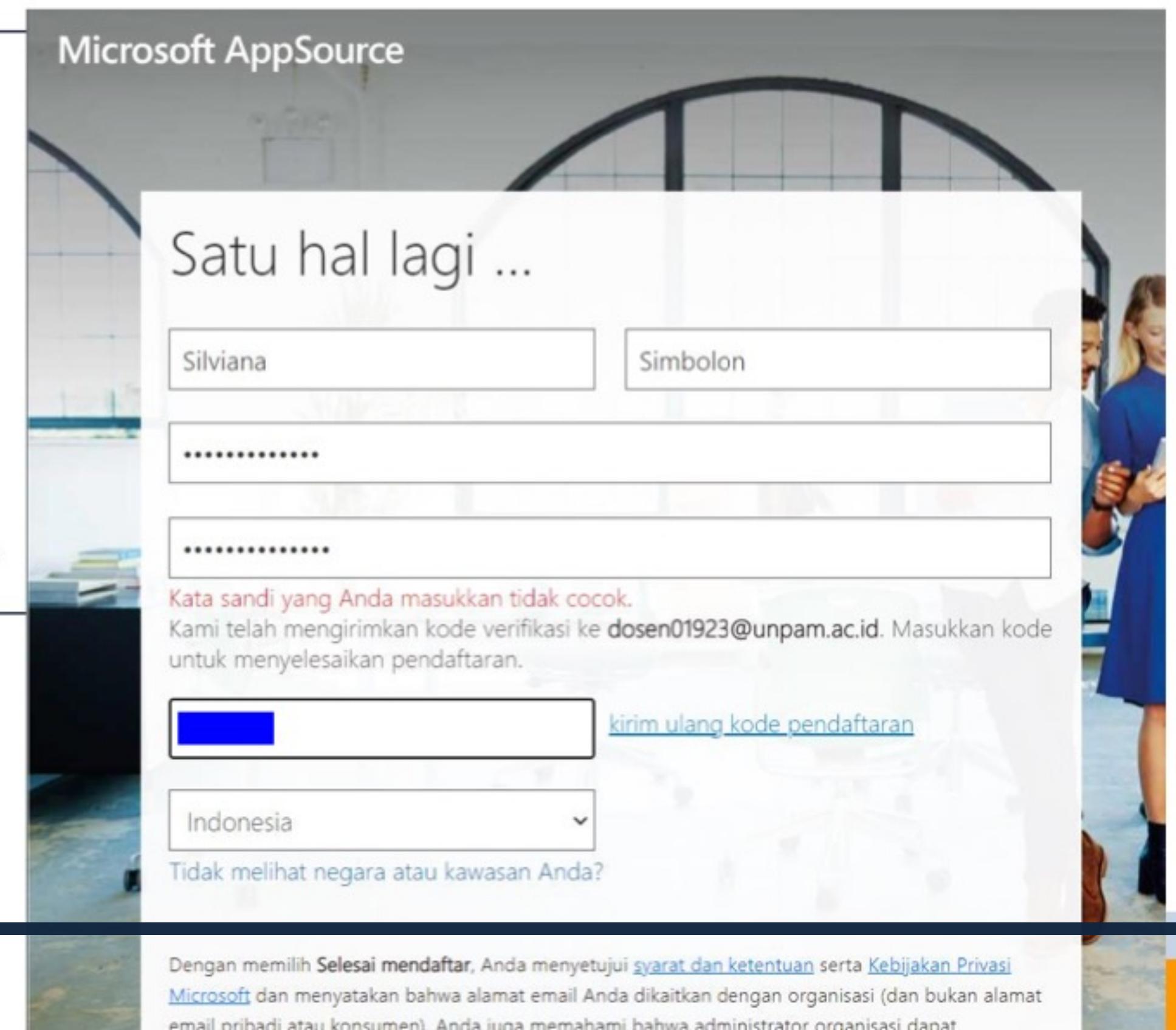
12) Ketik email yang bisa digunakan untuk mengakses aplikasi di AppSource atau mendaftar akun Microsoft (jika belum memiliki akun)



# Mendaftar Akun Microsoft



# Lihat kode verifikasi dari email yang digunakan dan isi biodata untuk mendaftar akun Microsoft



Kembali ke tahap 10 untuk mendownload Mendeley cite

13) Setelah terinstall, klik “Buka di Word”

Aplikasi > Mendeley Cite > Luncurkan



Mendeley Cite  
ELSEVIER LIMITED

Mulai menggunakan add-in:

 Buka di Word

Add-in ini berfungsi di: Word di iPad, Word 2016 atau yang lebih baru di Windows, Word 2016 or later on Mac, Word on the web.

Jika Anda tidak memilikinya, [coba gunakan Office Online](#).

14) Pilih tab “Reference” dan pilih “Mendeley Cite”, maka akan muncul kolom Mendeley Cite disebelah kanan

Luncurkan add-in

Setelah add-in diinstal, Anda dapat meluncurkannya dengan memilih tombol add-in pada tab Referensi

Di tab Referensi

Referensi

Cite with Mendeley

Perlu bantuan lainnya?

Kembali ke browser internet atau salin tautan ini ke browser Anda:  
<https://pages.store.office.com/addinsinstallpage.aspx?rs=id-ID&assetid=WA104382081&isWac=True&ui=id-ID&ad=ID>

Mendeley Cite

References Citation Style More

Select references below to cite.

All References

Search for references to add...

Storage of spent nuclear fuel  
Kudryavtsev E  
Radioactive Waste: Meeting the Challenge (2014) 15

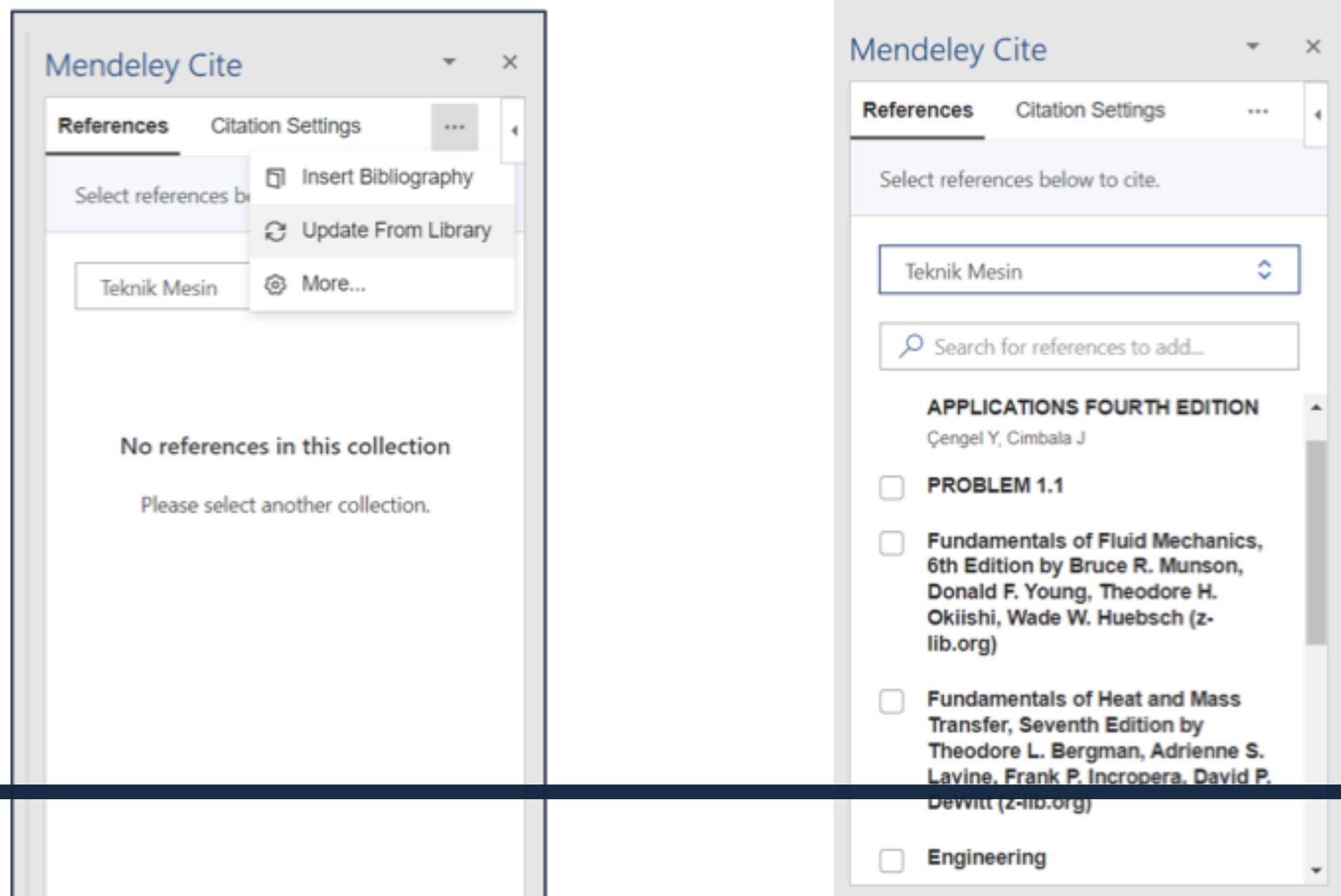
REFERENCE DATA SERIES No. 2 2011 Edition  
IAEA (2011)

Thermal performance of screen mesh wick heat pipes with nanofluids  
Putra N, Septiadi W, [...] Irvansyah R  
Experimental Thermal and Fluid Science (2012) 40 10-17

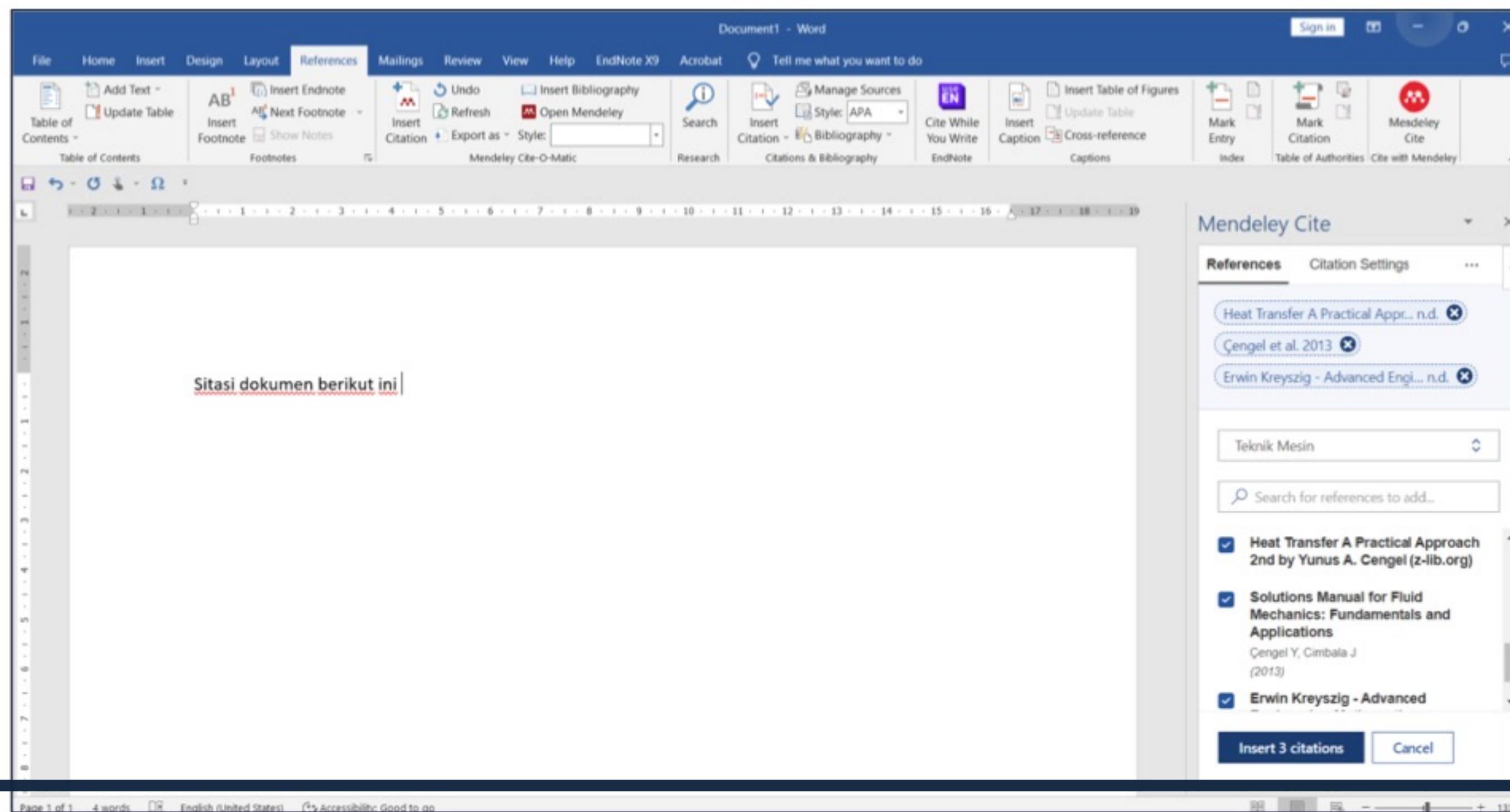
Mendeley

## 2.2 Sitasi Dokumen dengan Mendeley Reference Manager

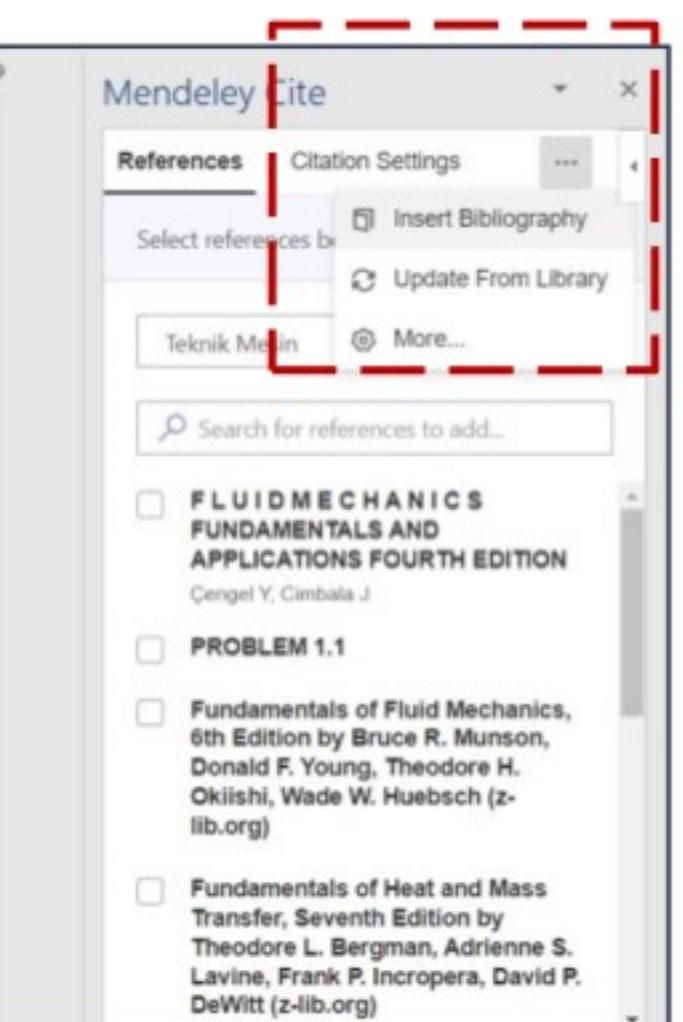
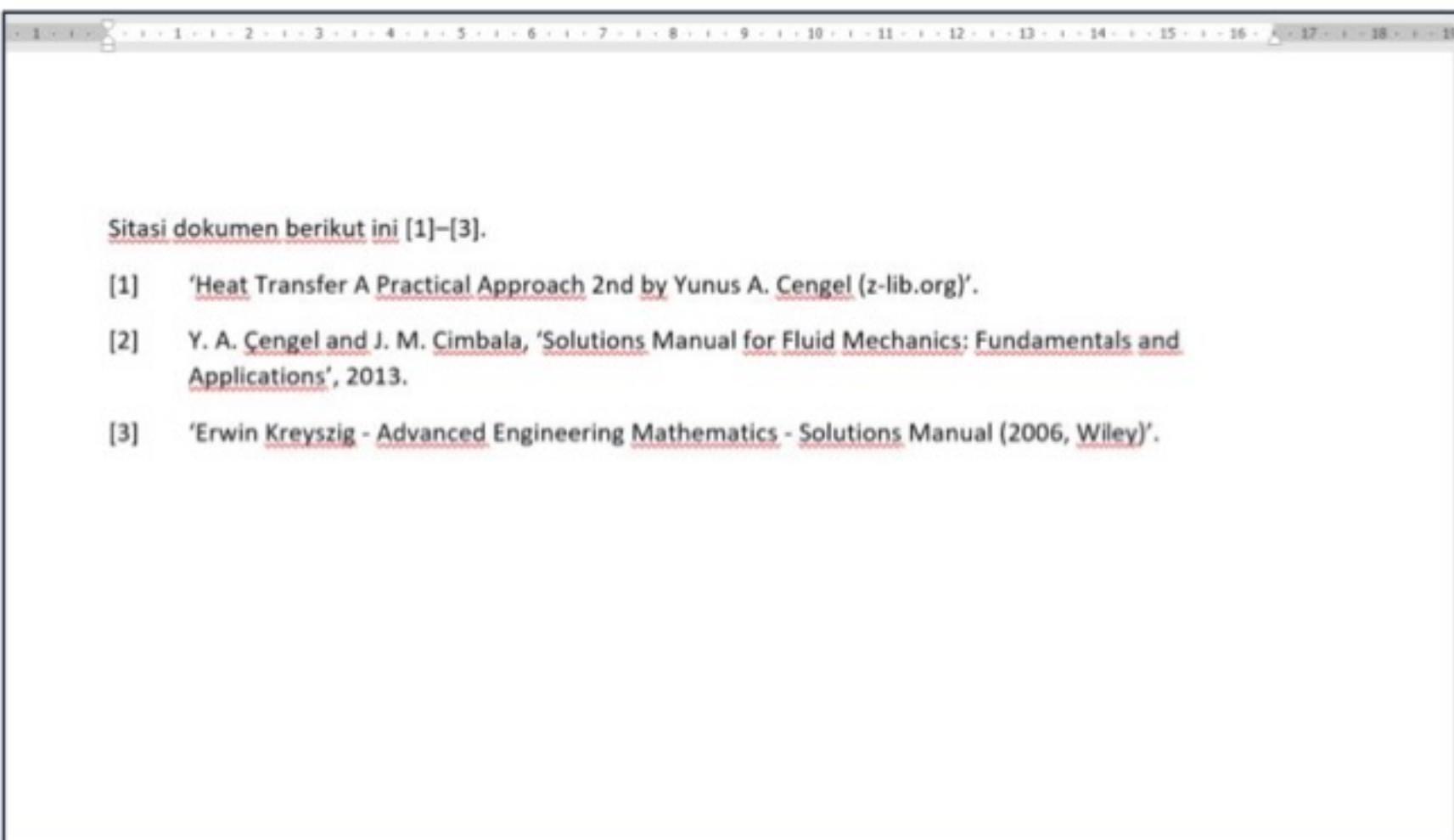
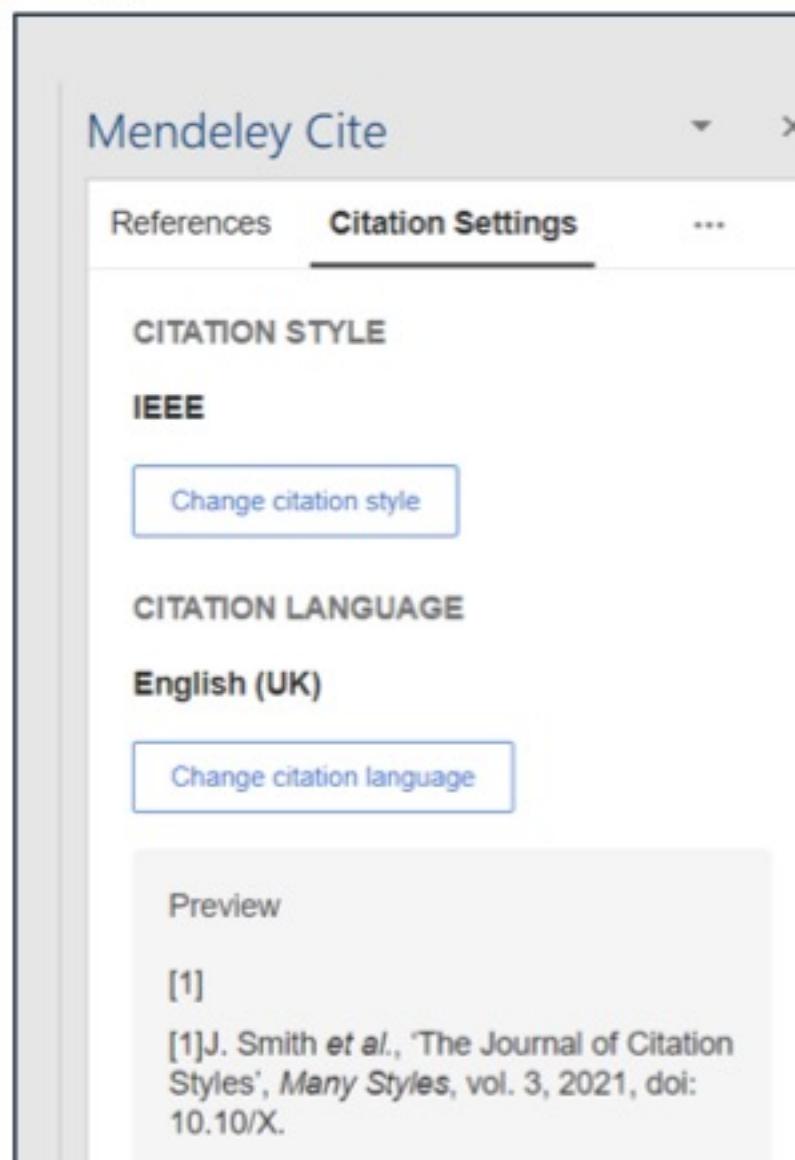
- 1) Sebelum membuat sitasi dan daftar pustaka, lakukan *update* dokumen dengan mengklik “....” dan pilih “Update From Library”. Dokumen yang telah diunggah pada folder Teknik Mesin akan muncul.



- 2) Pilih referensi yang ingin disitasi pada kolom Mendeley cite dan klik “Insert 3 citations” (karena memilih 3 dokumen yang disitasi)



- 2) Untuk memilih jenis *citation style*, pilih “citation settings” dan kemudian pilih “change citation style”. Selain itu, bahasa dari sitasi juga dapat diubah dengan memilih “change citation language”.
- 3) Untuk membuat Daftar Pustaka pilih “...” dan pilih “Insert Bibliography”. Dokumen yang disitasi akan secara otomatis tercantum didalam daftar pustaka



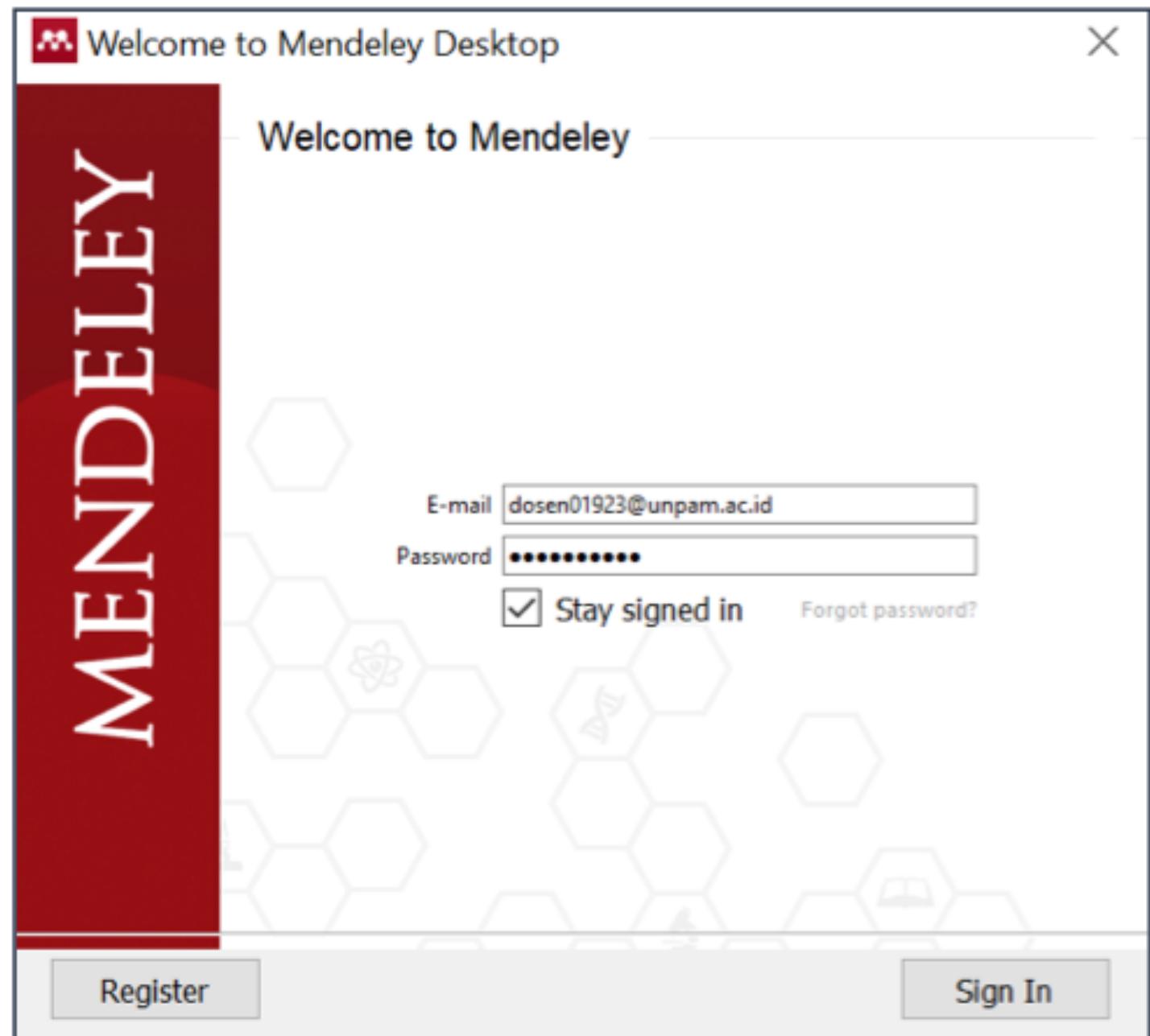
“

### 3. Antarmuka (*Interface*) Mendeley Desktop



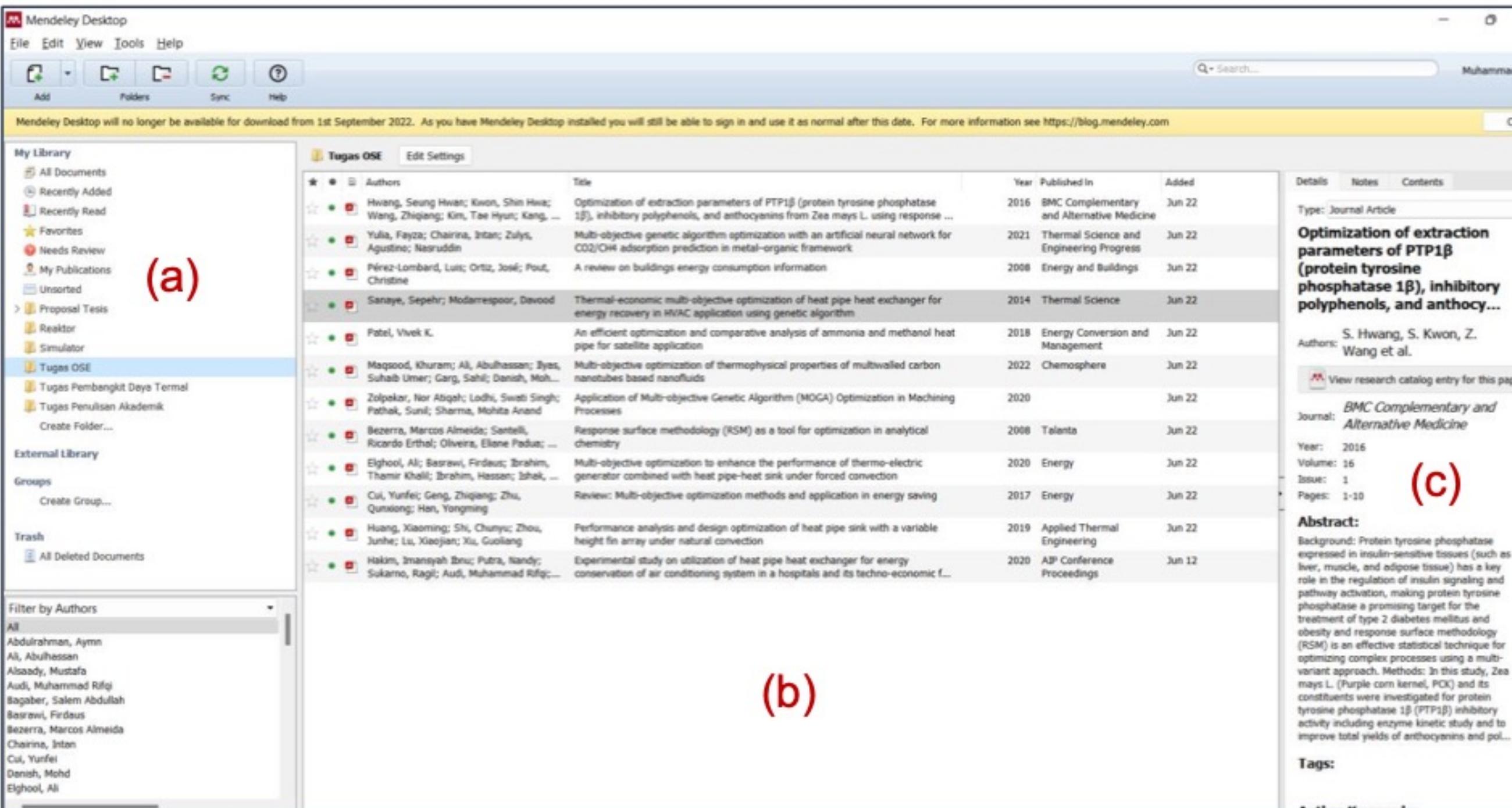
## 3.1. *Interface Mendeley Desktop*

- 1) Klik *icon* Mendeley pada komputer Anda. Masuk ke akun Mendeley dengan menggunakan e-mail dan password yang Anda buat saat mendaftar akun Mendeley.



2. Setelah masuk Mendeley, akan muncul *interface* Mendeley Desktop yang terdiri menu bar, toolbar dan kolom. Ada 3 kolom utama pada *interface*, yaitu:

- a). Kolom kiri (*left panel*) terdiri dari *my library* yang terbagi dalam folder-folder yang memuat seluruh referensi. Ada beberapa folder yang telah tersedia seperti: “recently added, favorites”.
- b). Kolom tengah (*central panel*), menampilkan seluruh daftar referensi yang dipilih dari folder di kolom kiri.
- c). Kolom kanan (*right panel*) menampilkan informasi secara rinci dari referensi yang di pilih pada kolom tengah.



The screenshot shows the Mendeley Desktop application window. The left panel, labeled (a), displays the 'My Library' section with various document categories like 'All Documents', 'Recently Added', 'Favorites', and 'Tugas OSE'. The middle panel, labeled (b), shows a list of academic papers from the 'Tugas OSE' folder. The right panel, labeled (c), provides detailed information about the selected paper, including its title, authors, journal, year, and abstract.

**(a) Left Panel: My Library**

- All Documents
- Recently Added
- Recently Read
- Favorites
- Needs Review
- My Publications
- Unsorted
- Proposal Thesis
- Reactor
- Simulator
- Tugas OSE** (highlighted)
- Tugas Pembangkit Daya Termal
- Tugas Penulisan Akademik
- Create Folder...

**(b) Middle Panel: Tugas OSE**

Authors	Title	Year	Published In	Added
Hwang, Seung Hwan; Kwon, Shin Hwa; Wang, Zhiqiang; Kim, Tae Hyun; Kang, ...	Optimization of extraction parameters of PTP1 $\beta$ (protein tyrosine phosphatase 1 $\beta$ ), inhibitory polyphenols, and anthocyanins from Zea mays L. using response ...	2016	BMC Complementary and Alternative Medicine	Jun 22
Yulia, Fayza; Chairina, Intan; Zulys, Agustino; Nasruddin	Multi-objective genetic algorithm optimization with an artificial neural network for CO <sub>2</sub> /CH <sub>4</sub> adsorption prediction in metal-organic framework	2021	Thermal Science and Engineering Progress	Jun 22
Pérez-Lombard, Luis; Ortiz, José; Pout, Christine	A review on buildings energy consumption information	2008	Energy and Buildings	Jun 22
Sanaye, Sepehr; Modarespoor, Davood	Thermal-economic multi-objective optimization of heat pipe heat exchanger for energy recovery in HVAC application using genetic algorithm	2014	Thermal Science	Jun 22
Patel, Vivek K.	An efficient optimization and comparative analysis of ammonia and methanol heat pipe for satellite application	2018	Energy Conversion and Management	Jun 22
Maqsood, Khuram; Ali, Abulhassan; Iyes, Suhail Umer; Garg, Sahil; Danish, Moh...	Multi-objective optimization of thermophysical properties of multiwalled carbon nanotubes based nanofluids	2022	Chemosphere	Jun 22
Zolpekar, Nor Abipah; Lodhi, Swati Singh; Pathak, Sunil; Sharma, Mohita Anand	Application of Multi-objective Genetic Algorithm (MOGA) Optimization in Machining Processes	2020		Jun 22
Bezerra, Marcos Almeida; Santelli, Ricardo Erthal; Oliveira, Elane Padua; ...	Response surface methodology (RSM) as a tool for optimization in analytical chemistry	2008	Talanta	Jun 22
Elghoul, Ali; Basrawi, Firdaus; Ibrahim, Thamer Khalil; Ibrahim, Hassen; Izhak, ...	Multi-objective optimization to enhance the performance of thermo-electric generator combined with heat pipe-heat sink under forced convection	2020	Energy	Jun 22
Cui, Yunfei; Geng, Zhiqiang; Zhu, Qunxiang; Han, Yongming	Review: Multi-objective optimization methods and application in energy saving	2017	Energy	Jun 22
Huang, Xiaoming; Shi, Chunyu; Zhou, Junhe; Lu, Xuejian; Xu, Guoliang	Performance analysis and design optimization of heat pipe sink with a variable height fin array under natural convection	2019	Applied Thermal Engineering	Jun 22
Hakim, Imansyah Ibnu; Putra, Nandy; Sukarno, Ragil; Audi, Muhammad Rifqi...	Experimental study on utilization of heat pipe heat exchanger for energy conservation of air conditioning system in a hospitals and its techno-economic f...	2020	AIP Conference Proceedings	Jun 12

**(c) Right Panel: Detailed View of Selected Reference**

**Optimization of extraction parameters of PTP1 $\beta$  (protein tyrosine phosphatase 1 $\beta$ ), inhibitory polyphenols, and anthocyanins from Zea mays L. using response surface methodology (RSM)**

**Authors:** S. Hwang, S. Kwon, Z. Wang et al.

**Journal:** BMC Complementary and Alternative Medicine

**Year:** 2016  
**Volume:** 16  
**Issue:** 1  
**Pages:** 1-10

**Abstract:**

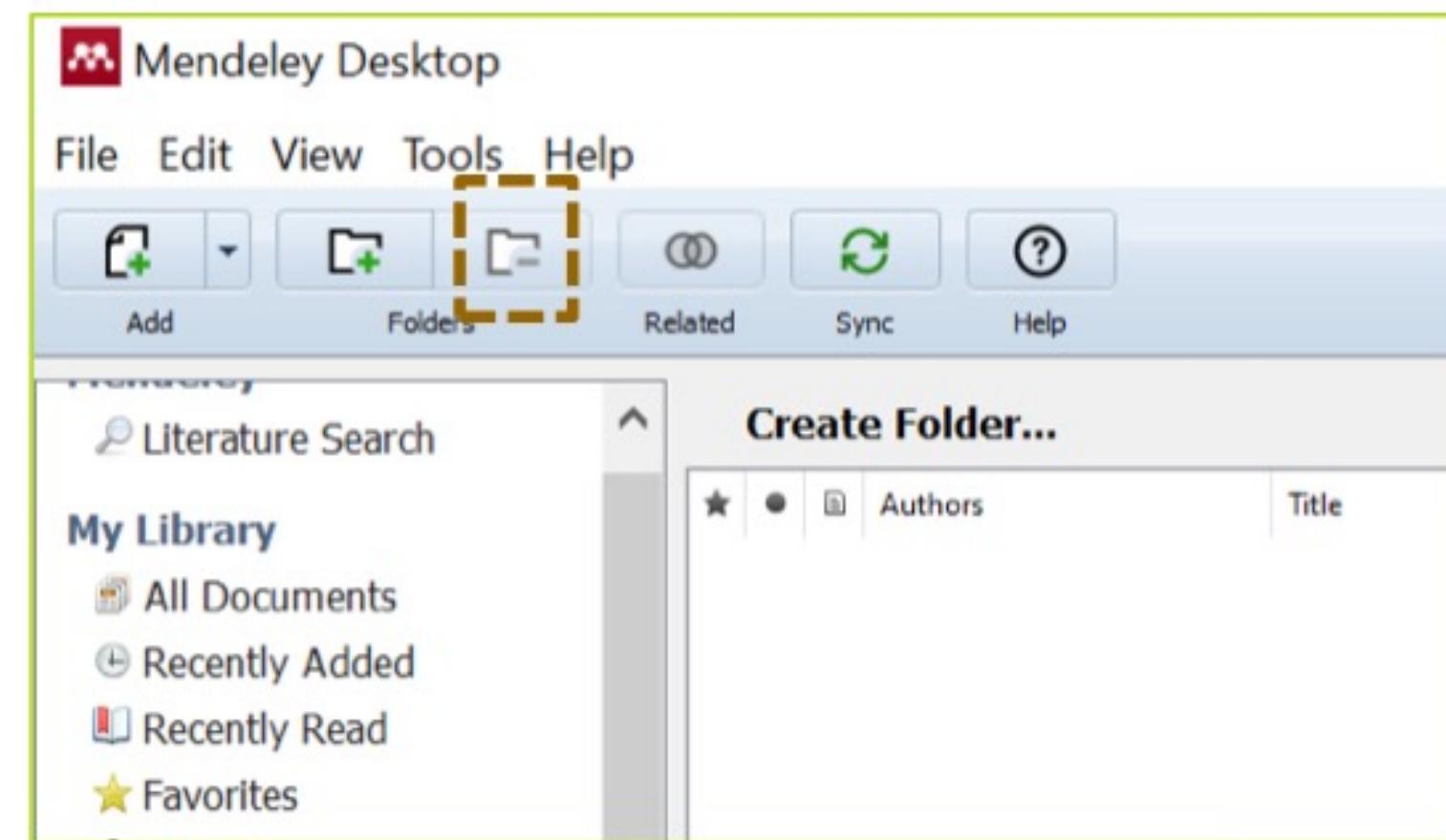
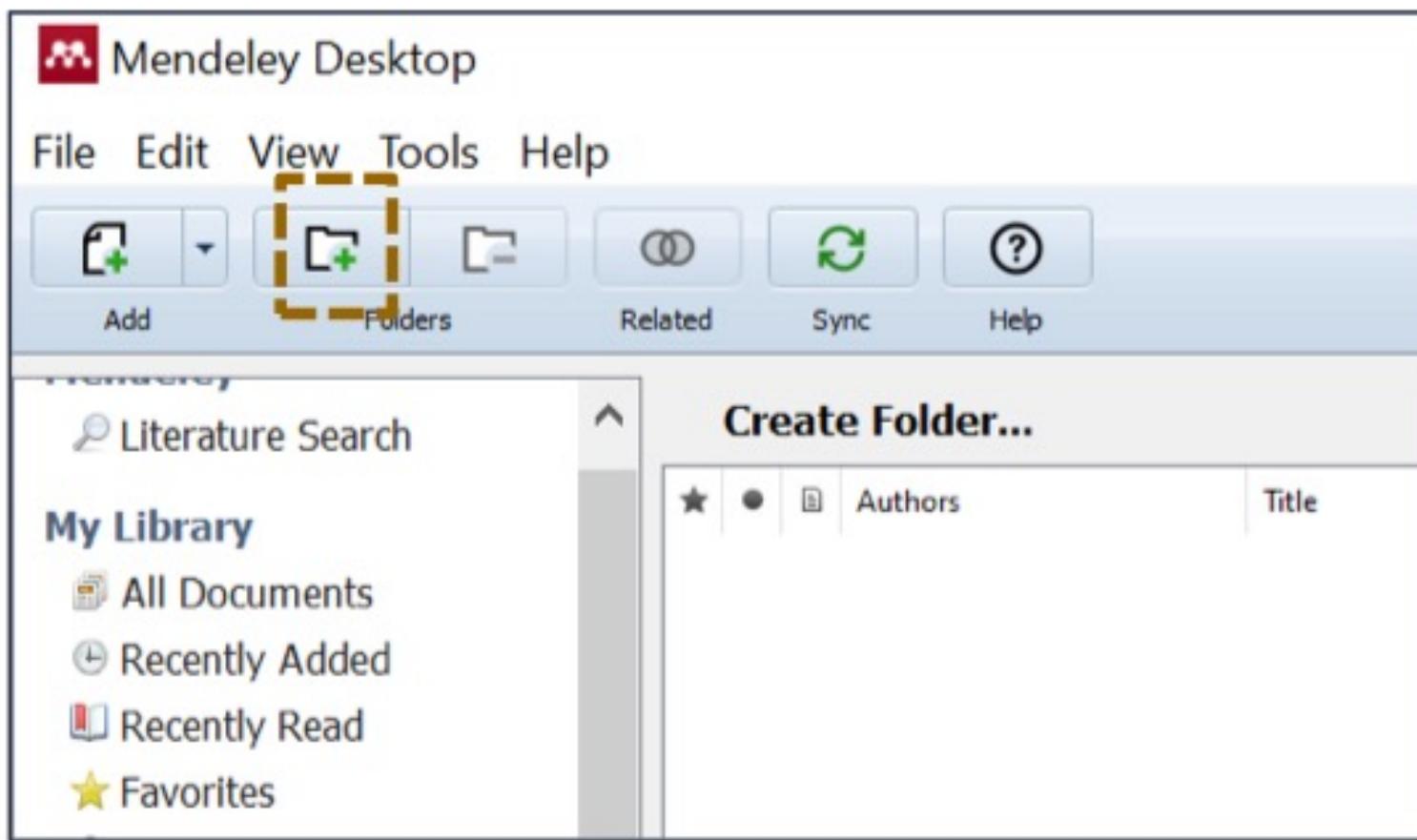
Background: Protein tyrosine phosphatase expressed in insulin-sensitive tissues (such as liver, muscle, and adipose tissue) has a key role in the regulation of insulin signaling and pathway activation, making protein tyrosine phosphatase a promising target for the treatment of type 2 diabetes mellitus and obesity and response surface methodology (RSM) is an effective statistical technique for optimizing complex processes using a multivariate approach. Methods: In this study, Zea mays L. (Purple corn kernel, PK) and its constituents were investigated for protein tyrosine phosphatase 1 $\beta$  (PTP1 $\beta$ ) inhibitory activity including enzyme kinetic study and to improve total yields of anthocyanins and pol...

**Tags:**

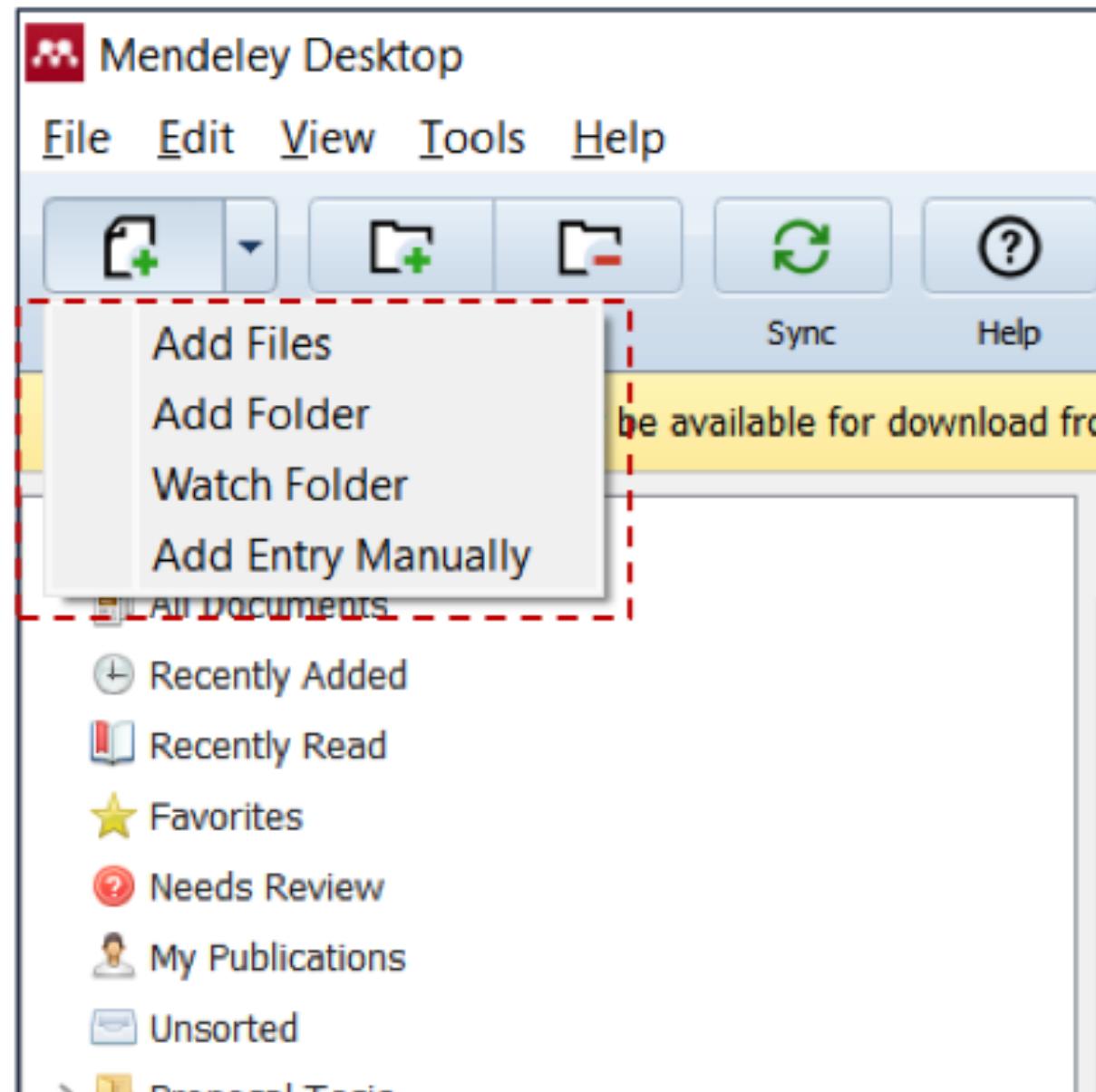


## 3.2. Mengelola *Library*

- 1) Untuk membuat folder *library*, klik icon “create new folder”, dan kemudian tulis nama folder yang telah ditambahkan.
- 2) Jika ingin menghapus folder *library*, pilih folder yang akan dihapus dan klik icon “remove the current folder”.

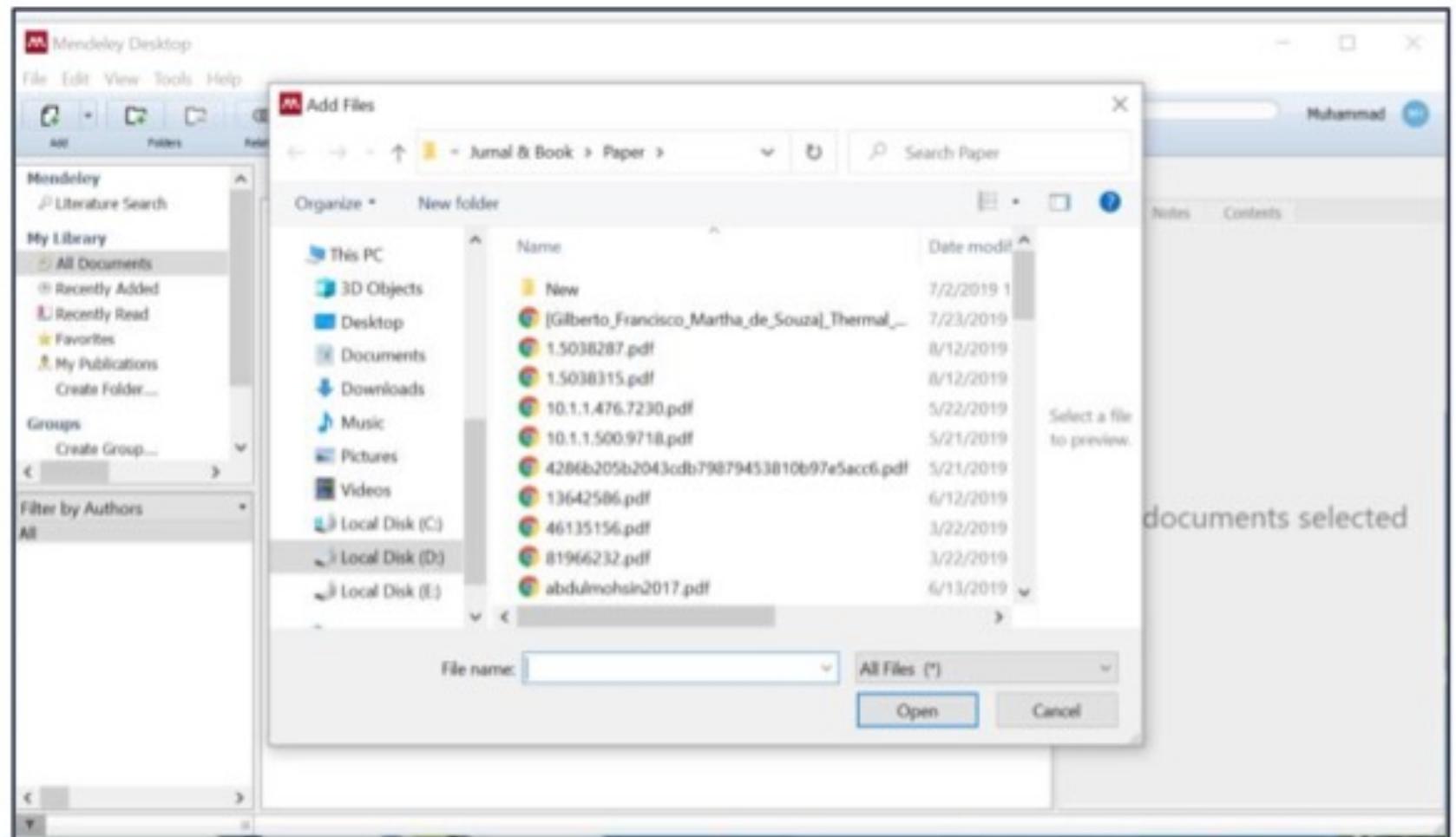


3) Untuk menambahkan referensi, Klik *dropdown* pada icon “Add” di menu bar untuk menambahkan dokumen ke dalam Mendeley

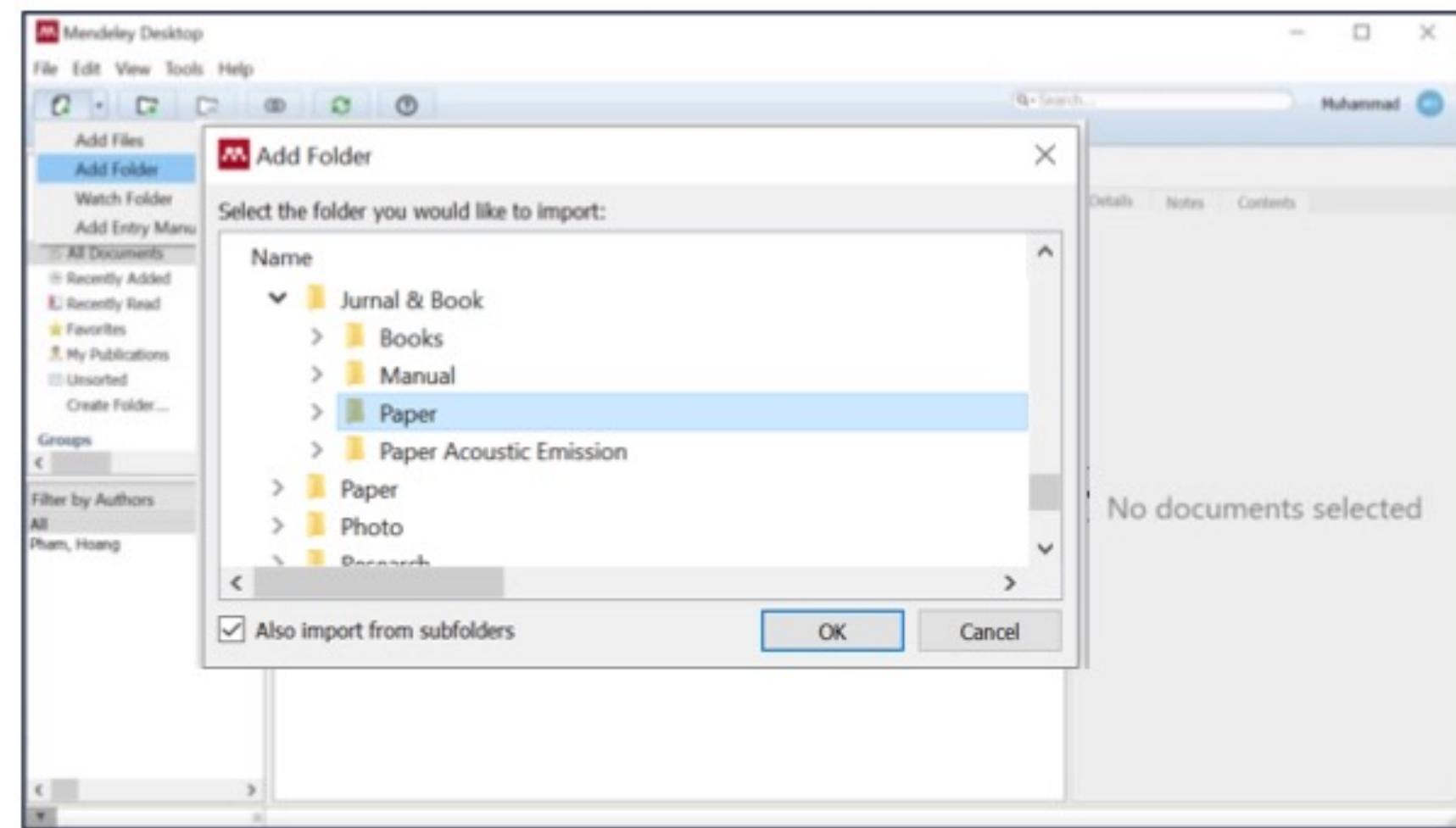


- add file : Menambahkan dokumen satu per satu
- add folder : Menambahkan seluruh dokumen di dalam satu folder
- watch folder : Menambahkan dokumen dalam folder secara otomatis yang diinput ke dalam Mendeley
- add entry manual : Melakukan input data secara manual

4) Menambahkan file dengan klik “Add file”, pilih dokumen pdf yang akan ditambahkan dan klik tombol “open”.



5) Menambahkan file dalam satu folder, klik “Add folder”, pilih folder yang akan ditambahkan dan klik tombol “open”.



6) Untuk selain dokumen karya tulis dalam pdf, metadata karya tulis dapat diperoleh dari DOI/ArXiv/PUBMED

7) Mendeley memiliki fitur sinkronisasi *file* ke Mendeley Web. File di Mendeley dapat disimpan ke dalam *web server* Mendeley sehingga dapat diakses dengan perangkat yang berbeda. Pilih “all documents” pada panel My Library, kemudian pilih “edit settings” dan atur “synchronization options” sesuai dengan kebutuhan.

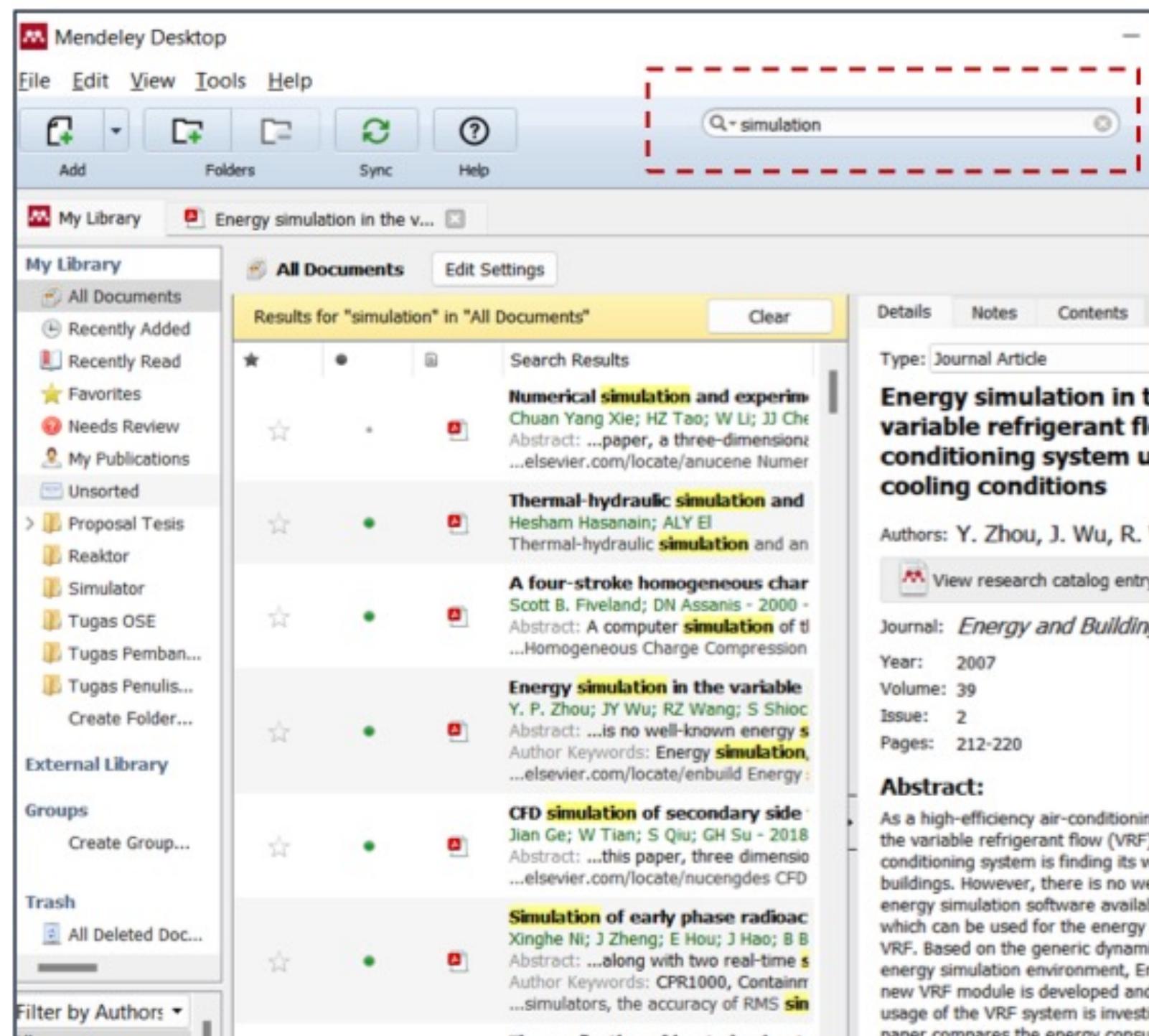
The screenshot shows the Mendeley Desktop interface. At the top, there's a menu bar with File, Edit, View, Tools, Help, and a toolbar with Add, Folders, Sync, and Help buttons. A yellow banner at the top states: "Mendeley Desktop will no longer be available for download from 1st September 2022. As you have Mendeley Desktop installed you will still be able to". The main area is titled "My Library" and shows a list of categories: All Documents (selected), Recently Added, Recently Read, Favorites, Needs Review, My Publications, Unsorted, Proposal Tesis, Reaktor, Simulator, Tugas OSE, Tugas Pembangkit Daya Termal, and Tugas Penulisan Akademik. Below this, the "All Documents" section is selected, showing "Synchronization options:" with a checked checkbox for "Synchronize attached files". Underneath, it says "Synchronize attached files of documents in selected folders:" followed by a list of checkboxes for "My Publications" (checked), Proposal Tesis, Reaktor, Simulator, Tugas OSE, Tugas Pembangkit Daya Termal, and Tugas Penulisan Akademik.

- 8) Klik “Save & Sync”.
- 9) Masuk ke dalam akun Mendeley Web untuk melihat hasil dari file tersebut.

The screenshot shows the Mendeley Web interface. On the left, there's a sidebar with "All References" (selected), Recently Added, Recently Read, Favorites, My Publications, and Trash. Below this is a "COLLECTIONS" section with "Proposal Tesis", "Reaktor", "Simulator", "Tugas OSE", "Tugas Pembangkit Daya Termal", "Tugas Penulisan Akademik", and "New Collection". The main area is titled "All References" and lists various documents with columns for AUTHORS, YEAR, TITLE, SOURCE, and ADDED. Some entries include small preview icons.

AUTHORS	YEAR	TITLE	SOURCE	ADDED
Kudryavtsev E	2014	Storage of spent nuclear fuel	Radioactive Waste: Meets	24/6/2022
IAEA	2011	REFERENCE DATA SERIES No. 2 2011 Edition		24/6/2022
Putra N, Septiadi W, Rahman H, Iwanaryah R	2012	Thermal performance of screen mesh wick heat pipes with nanofluids	Experimental Thermal and	23/6/2022
Hwang S, Kwon S, Wang Z, Kim T, Kang Y, ...	2016	Optimization of extraction parameters of PTP1β (protein tyrosine phosph	BMC Complementary and	22/6/2022
Yula F, Charina I, Zulys A, Nasruddin	2021	Multi-objective genetic algorithm optimization with an artificial neural ne	Thermal Science and Eng	22/6/2022
Pérez-Lombard L, Ortiz J, Poul C	2008	A review on buildings energy consumption information	Energy and Buildings	22/6/2022
Huang X, SHI C, Zhou J, Lu X, Xu G	2019	Performance analysis and design optimization of heat pipe sink with a v	Applied Thermal Engineer	22/6/2022
Sanaye S, Modarespoor D	2014	Thermal-economic multi-objective optimization of heat pipe heat exch	Thermal Science	22/6/2022
Patel V	2018	An efficient optimization and comparative analysis of ammonia and met	Energy Conversion and M	22/6/2022
Cui Y, Geng Z, Zhu Q, Han Y	2017	Review: Multi-objective optimization methods and application in energy	Energy	22/6/2022
Maqsood K, Ali A, Iyss S, Garg S, Danish M, ...	2022	Multi-objective optimization of thermophysical properties of multilayered	Chemosphere	22/6/2022
Zolapkar N, Lothi S, Pathak S, Sharma M, ...	2020	Application of Multi-objective Genetic Algorithm (MOGA) Optimization In		22/6/2022
Bezerra M, Santelli R, Oliveira E, Vilar L, Es...	2008	Response surface methodology (RSM) as a tool for optimization in anal	Talanta	22/6/2022

- 10) Untuk memudahkan pencarian referensi, Anda bisa mengetik kata yang terdapat didalam artikel pada bagian “search”. Proses pencarian dapat dilakukan berdasarkan pengarang, judul, kata kunci, nama terbitan, tahun dan catatan.



- 11) Membaca dan menambahkan catatan penting dokumen yang dipilih. Buka dokumen (di central panel) yang dipilih dengan mengklik dua kali.

**Mendeley Desktop**

File Edit View Go Tools Help

Select Pan Note Highlight Color Zoom Zoom To Fit Fullscreen Sync Help

Mendeley Desktop will no longer be available for download from 1st September 2022. As you have Mendeley Desktop installed you will still be able to sign in and use it as normal after this date. For more information see <https://blog.mendeley.com>

My Library Energy simulation in the v...

Energy simulation in the variable refrigerant flow air-conditioning system under cooling conditions

Y.P. Zhou\*, J.Y. Wu\*, R.Z. Wang\*, S. Shiochi\*

\*Institute of Refrigeration and Cryogenics, Shanghai Jiao Tong University, Shanghai 200030, China  
\*Shibaura Air-conditioning and Environmental Inst., Ibaraki, Japan

Received 29 April 2006; revised 10 June 2006; accepted 30 June 2006

**Abstract**

To a high-efficiency air-conditioning scheme, the variable refrigerant flow (VRF) air-conditioning system is finding its way in office buildings. However, there is no well-known energy simulation software available so far which can be used for the energy analysis of VRF. Based on the generic dynamic building energy simulation environment, EnergyPlus, a new VRF module is developed and the energy usage of the VRF system is investigated. This paper compares the energy consumption of the VRF system with that of two conventional air-conditioning systems, namely, variable air volume (VAV) system as well as fan-coil plus fresh air (PPFA) system. A generic office building is used to accommodate the different types of heating, ventilation, and air-conditioning (HVAC) systems. The work focuses on the energy consumption of the VRF system in the office buildings and helps the designer's evaluation and decision-making on the HVAC systems in the early stages of building design. Simulation results show that the energy saving potentials of the VRF system are expected to achieve 11.2% and 11.7%, compared with the VAV system and the PPFA system, respectively. Energy usage breakdown for the end-of-life period of the HVAC system is also presented.

Keywords: Energy simulation, Office buildings, HVAC system, VRF

Muhammad Yunus Just now

**Catatan dokumen**

**Journal Article**

**Energy simulation in the variable refrigerant flow air-conditioning system under cooling conditions**

Authors: Y. Zhou, J. Wu, R. Wang ...

View research catalog entry for this paper

Journal: *Energy and Buildings*

Year: 2007

Volume: 39

Issue: 2

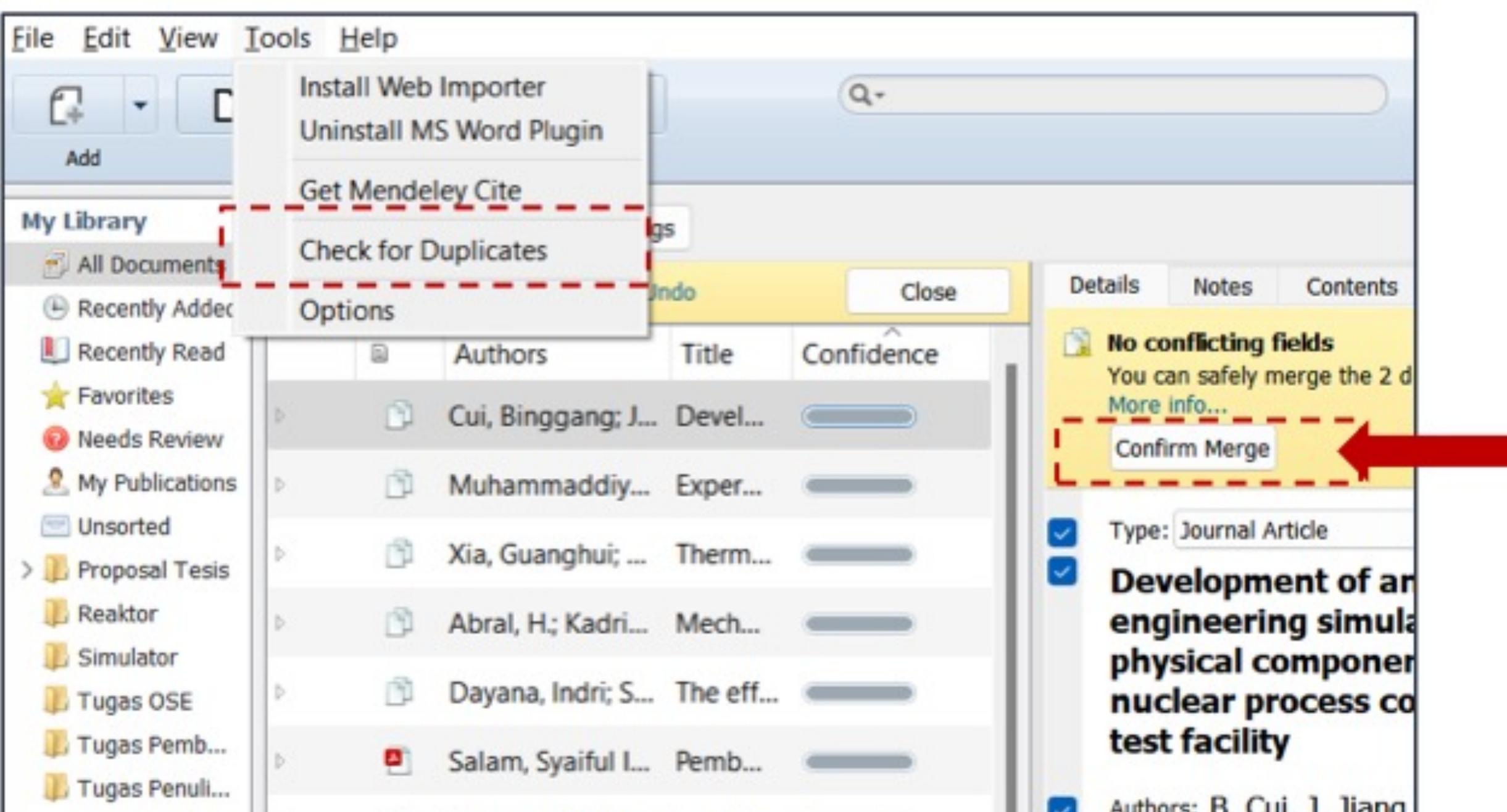
Pages: 212-220

**Abstract:**

As a high-efficiency air-conditioning scheme, the variable refrigerant flow (VRF) air-conditioning system is finding its way in office buildings. However, there is no well-known energy simulation software available so far which can be used for the energy analysis of VRF. Based on the generic dynamic building energy simulation environment, EnergyPlus, a new VRF module is developed and the energy usage of the VRF system is investigated. This paper compares the energy consumption of the VRF system with that of two conventional air-conditioning systems, namely, variable air volume (VAV) system as well as fan-coil plus fresh air (PPFA) system. A generic office building is used to accommodate the differ...

**Tags:**

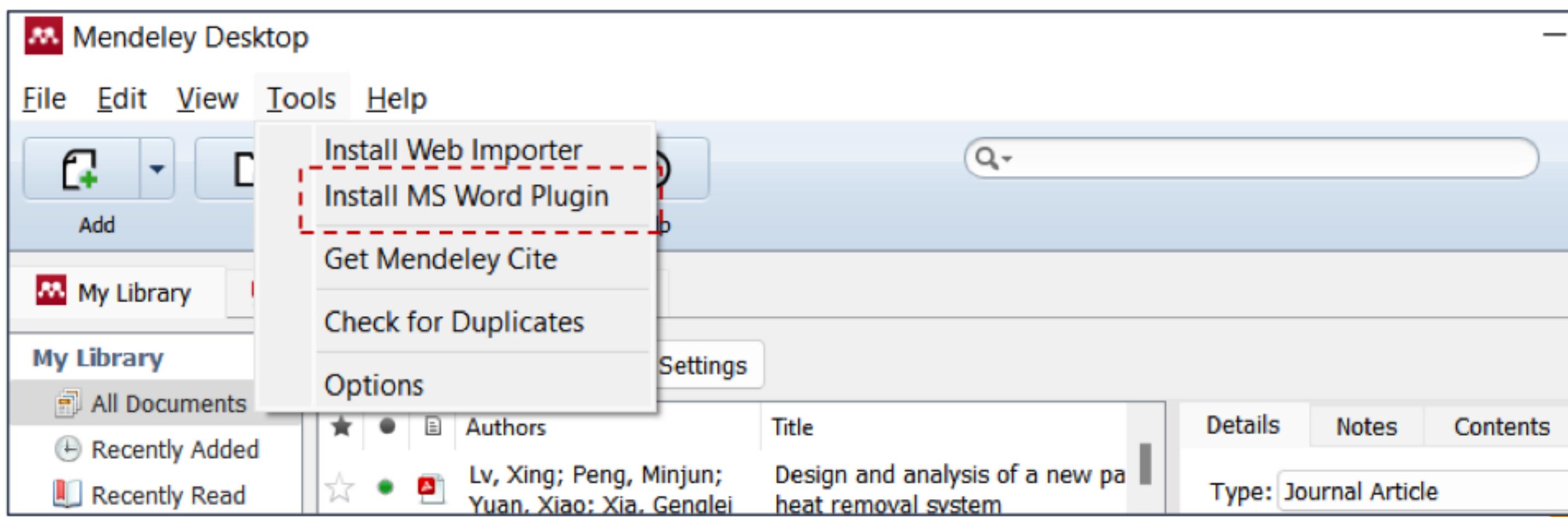
12) Untuk menggabungkan dokumen yang sama, klik “Tools” dan pilih “Check for Duplicates”. Selanjutnya klik “Confirm Merge” untuk menggabungkan dokumen yang sama.





### 3.3 Instalasi MS Word Plugin

- 1) Klik menu Tool pada menu bar dan pilih “Install MS Word Plugin” agar Mendeley terintegrasi dengan MS Word.
- 2) Jika MS Word sedang terbuka, maka Mendeley akan memberikan notifikasi dan meminta menutup MS Word tersebut. Klik YES untuk melanjutkan proses instalasi.

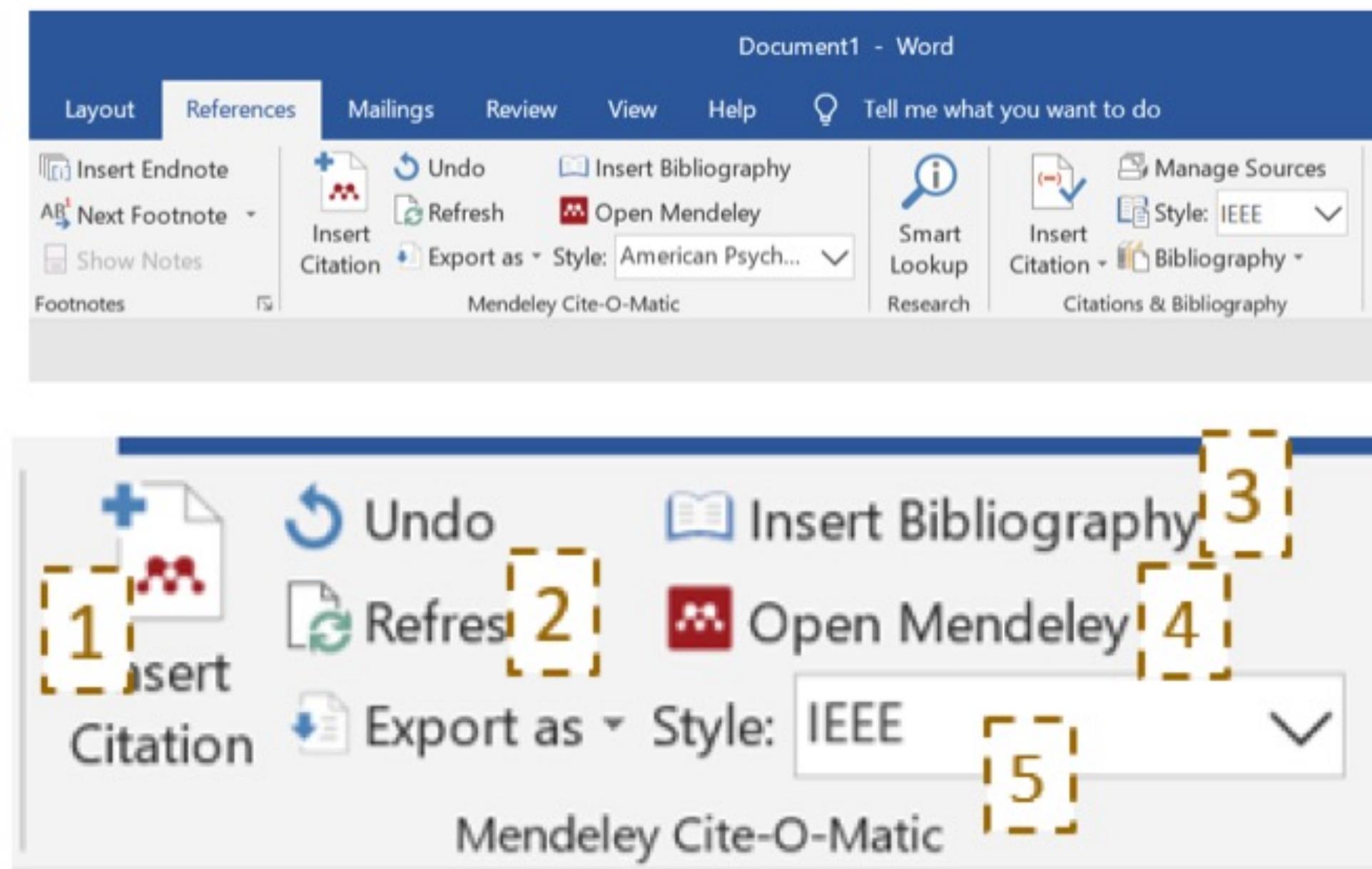




## 3.4 Membuat Sitasi & Daftar Pustaka

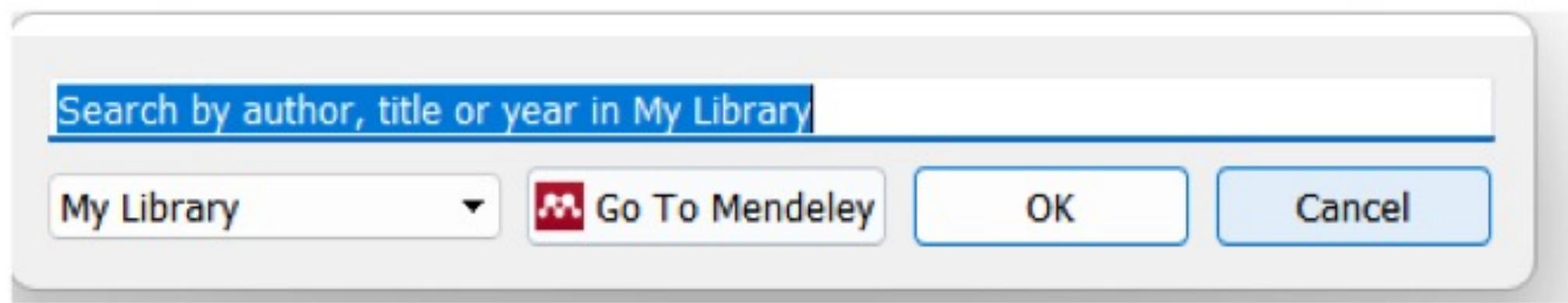
Tahapan dalam membuat sitasi adalah sebagai berikut:

- 1) Buka MS Word dan pilih tab “Reference”

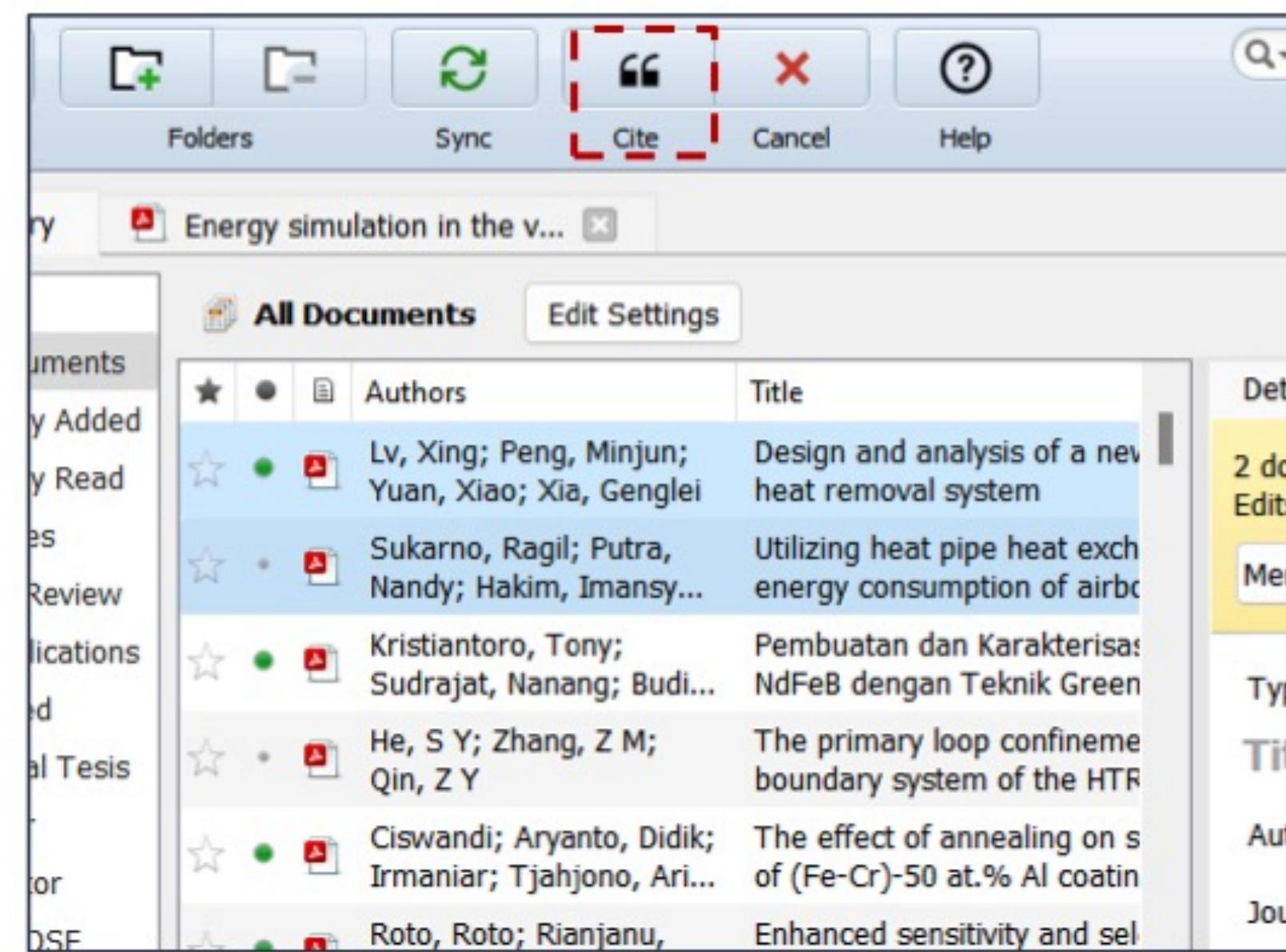


1. Insert Citation : Untuk membuat Sitasi
2. Refresh : Untuk me-refresh jika telah terjadi perubahan sitasi
3. Insert Bibliography : Untuk membuat Daftar Pustaka
4. Open Mendeley : Untuk membuka keranjang Mendeley
5. Style : Untuk memilih jenis sitasi dan Daftar Pustaka

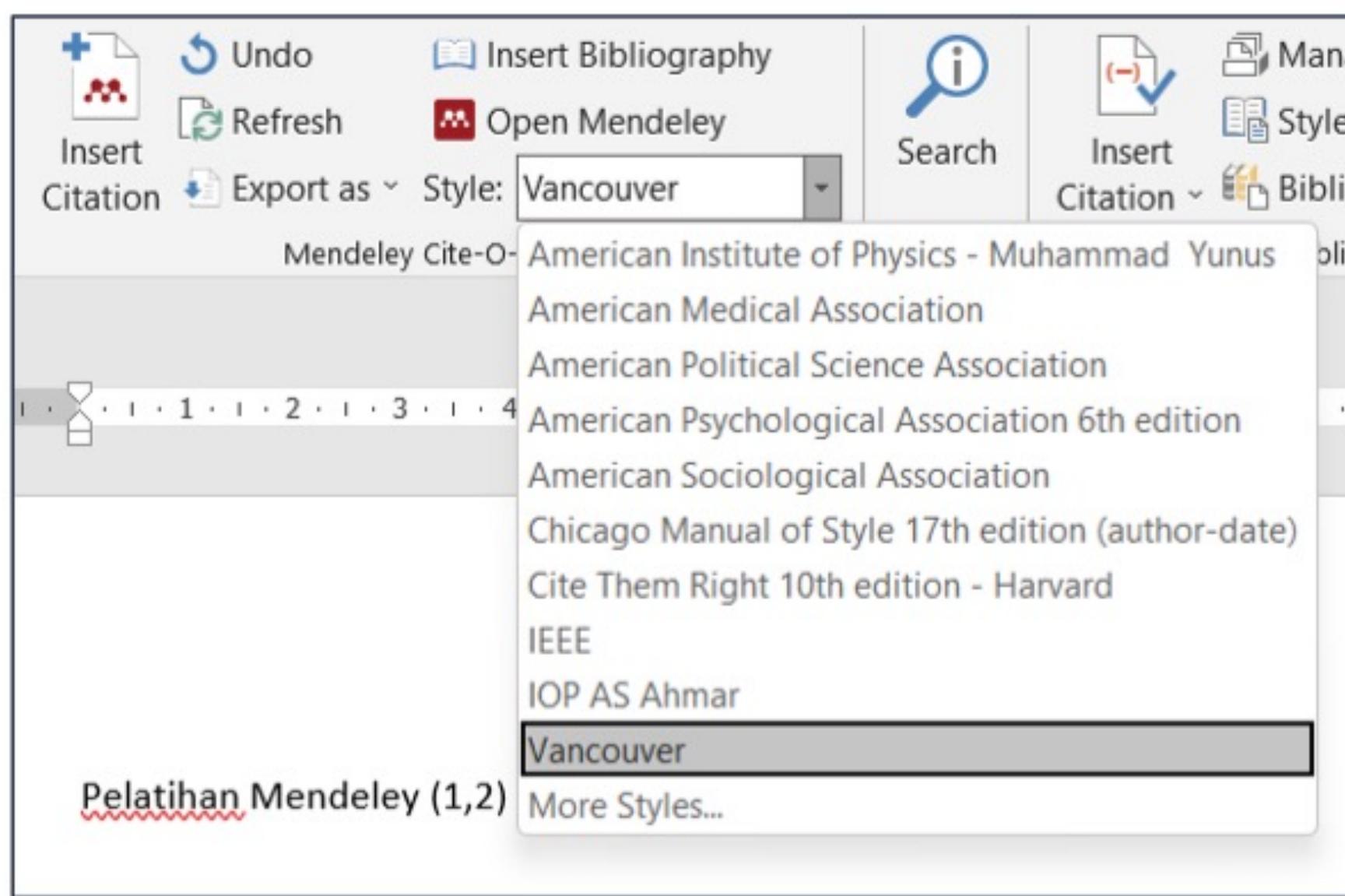
- 2) Klik “Insert citation”.
- 3) Sitasi dapat dilakukan secara langsung dengan mengetik pengarang, judul, penerbit, kata kunci, dll. Selain itu, sitasi dapat dilakukan dengan membuka Mendeley dengan klik “Go To Mendeley”.



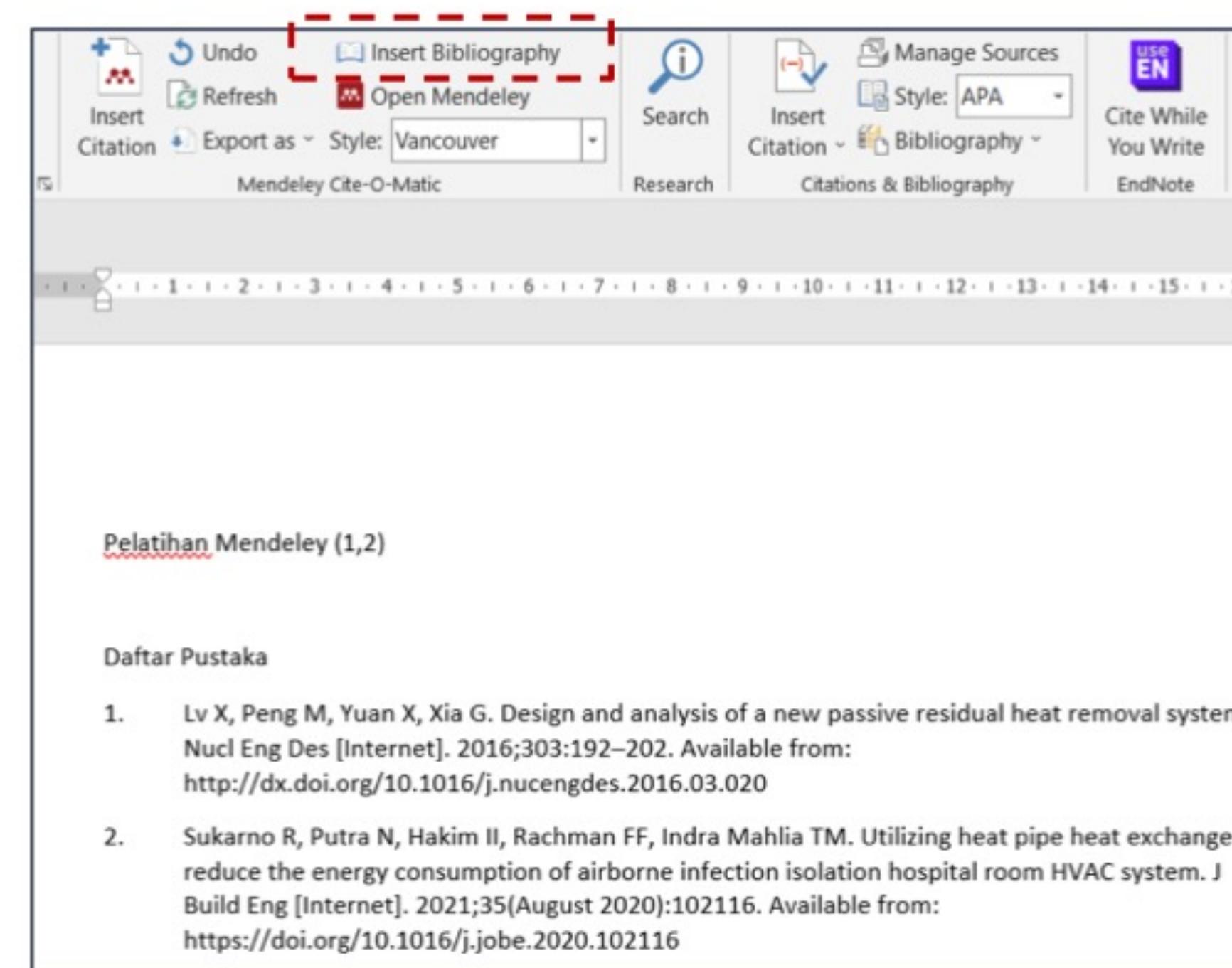
- 4) Pilih dokumen yang ingin disitasi
- 5) Klik icon “cite”.



6) Format penulisan sitasi dapat disesuaikan dengan pilihan “Style”.

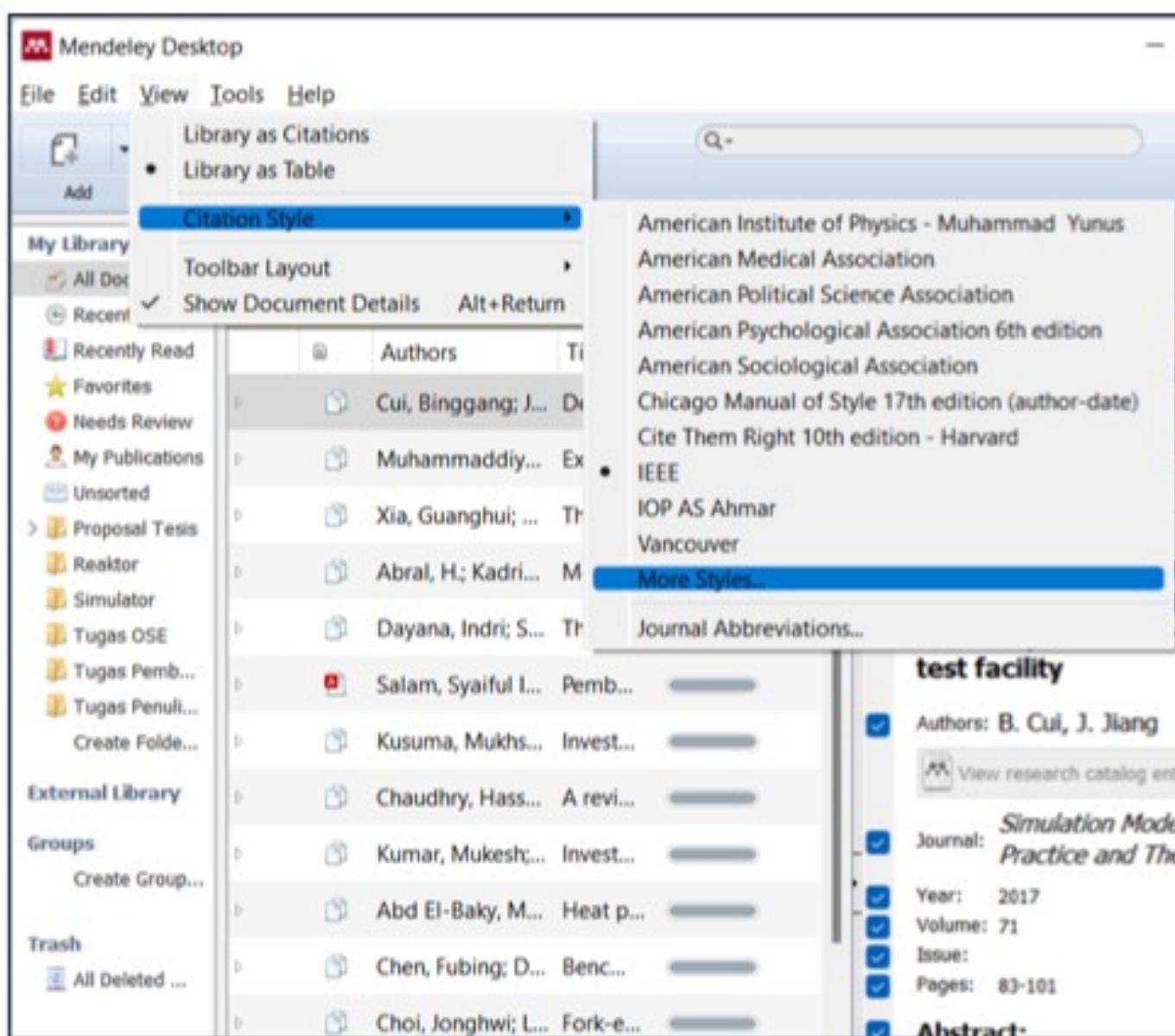


7) Membuat Daftar Pustaka dengan memilih “Insert Bibliography”. Mendeley akan membuat Daftar Pustaka secara otomatis

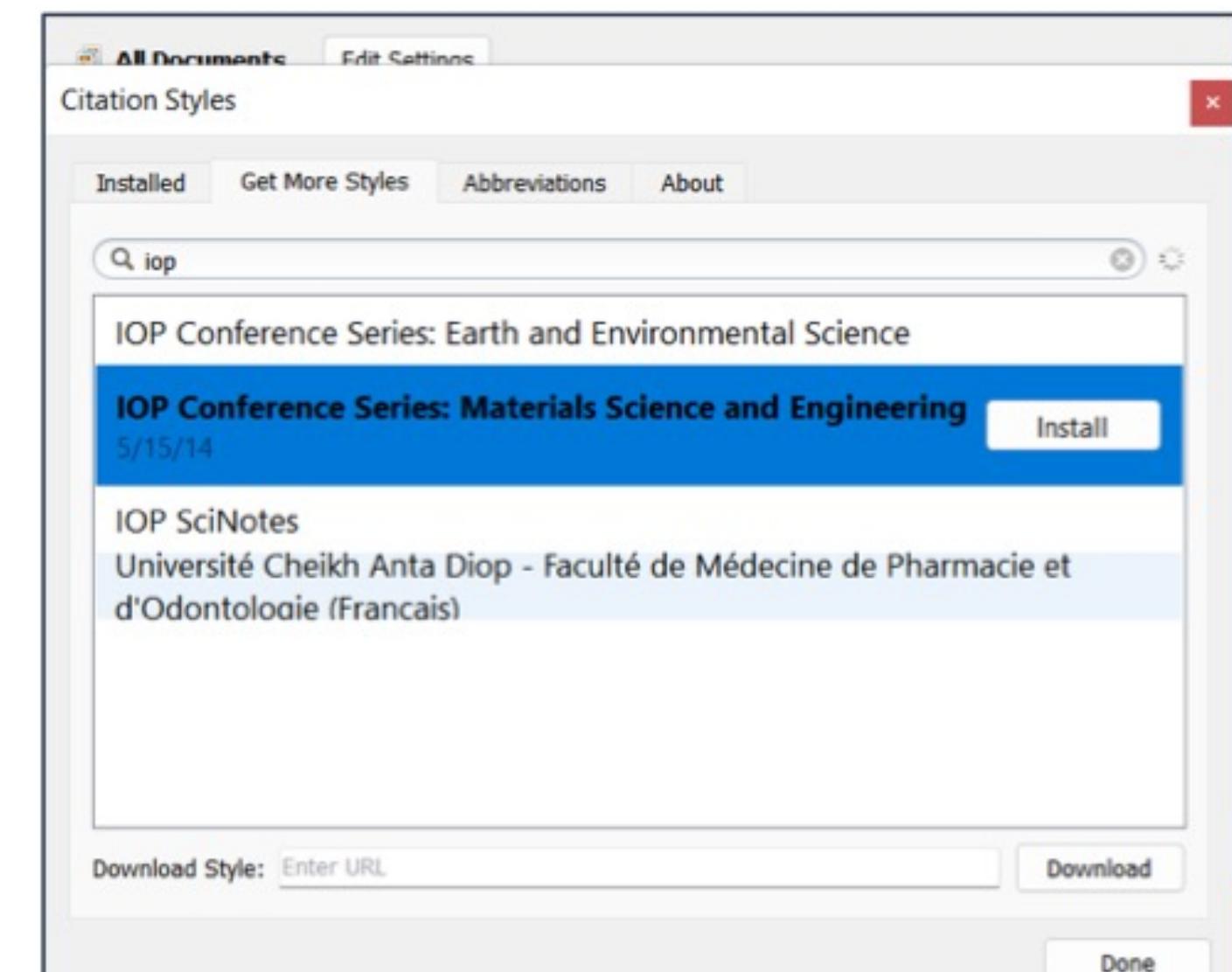


## 3.5. Menambahkan Style

- 1) Pilih menu “View” > “Citation Style” > “More Style”



- 2) Pilih “Get More Styles”. Kemudian ketik jenis style yang diinginkan dan klik “Install”.
- 3) Style juga dapat di download dengan menggunakan alamat URL



# Teknik Pengutipan

Pendidikan menjadi sesuatu yang penting dalam kehidupan masyarakat. Pendidikan merupakan suatu usaha yang dilakukan secara berstruktur dan logis bertujuan membina dan membangun seseorang menjadi seorang yang lebih dewasa agar dapat mengambil keputusan dengan bijaksana dan berimbang pada kebutuhan akan pendidikan dalam kehidupan di masyarakat. (Taufik & Taufik, 2018)

## KUTIPAN TIDAK LANGSUNG

Menurut Lennox et al (2006) menyatakan bahwa pertandingan sepakbola dimainkan oleh dua tim yang masing-masing beranggotakan 11 orang, masing-masing tim mempertahankan gawang dan berusaha menjebol gawang lawan..

## KUTIPAN LANGSUNG

### Daftar Pustaka

- Lennox, J., Rayfield, J., Steffen, B., James, W., Lennox, J. W., Rayfield, J., & Steffen, B. (2006). *Soccer Skills & Drills National Soccer Coaches Association of America*.
- Taufik, M. S., & Taufik, S. (2018). Meningkatkan teknik dasar dribbling sepakbola melalui modifikasi permainan. *Jurnal Maenpo : Jurnal Pendidikan Jasmani Kesehatan Dan Rekreasi*, 8(1), 26.

CATATAN : Untuk Kutipan Langsung harus dari sumber teori BUKU dan Hasil Penelitian dari Artikel yang di sitasi.

## **Daftar Pustaka:**

1. Haxa Soeprijanto dan Purwoko, 2016, Panduan Mengelola Daftar Referensi Menggunakan Mendeley, Perpustakaan Universitas Gadjah Mada.
2. [https://www.mendeley.com/?interaction required=true](https://www.mendeley.com/?interaction_required=true)
3. Nurhidayah, Manajer Referensi
4. <https://macpoin.com/111310/cara-install-mendeley-mac/>

(LINK UNTUK TUTORIAL PENGUNAAN  
MENDELEY)

- <https://www.youtube.com/watch?v=eqJg0IQktV0>



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