



Mendeley

Introduction to Mendeley

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Platform Trainer
Elsevier



ELSEVIER

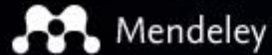
What is Mendeley?

Mendeley is a free reference manager and academic social network that can help you store, manage and share references and research data, collaborate with others online, and identify career opportunities.

Build my knowledge	Stay up to date	Manage my research data	Advance my career
Organize your references and research	Keep an eye on important trends and seamlessly access research	Organize and optimize the discoverability of your data	Own your reputation and identify top talent & opportunities
Mendeley Reference Manager	Mendeley Catalog	Mendeley Data	Mendeley Careers

Getting started

Mendeley.com



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I DISCOVERY

Mendeley brings your research to life, so you can make an impact on tomorrow

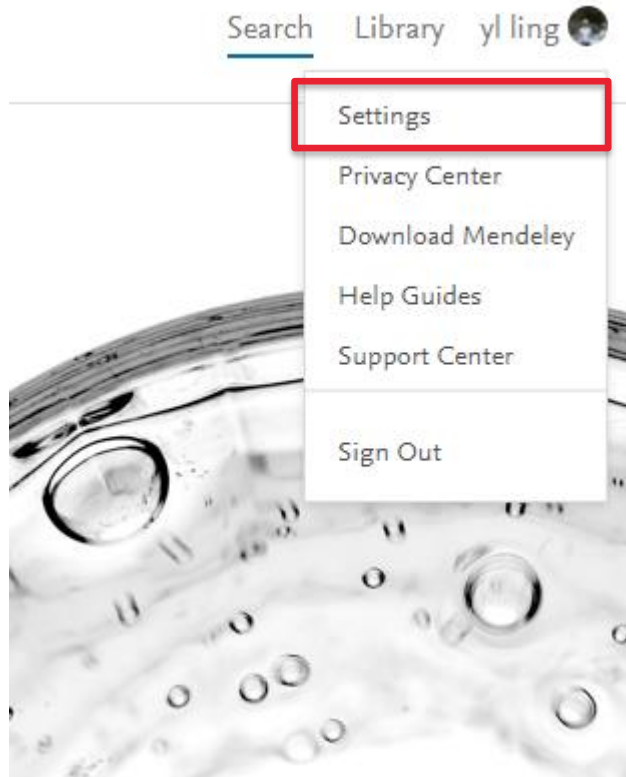
Search over 100 million cross-publisher articles and counting

Search

Popular searches: [COVID-19](#) [Bioenergy](#) [Obesity](#)

Create a free account

Mendeley account



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Subscription

Packages

Mendeley Institutional Edition 100 GB personal library space, 100 collaborators, 100 GB group library space, 1000 groups	<i>Expires on 17/02/2021</i>
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Note: When changing packages please note all other PAID packages will be cancelled.

Personal Space

0 / 100 GB

Shared Space

2.02 MB / 100 GB

Comparison of Free Mendeley vs MIE

Item	Free Mendeley	Mendeley Institutional Edition
Personal library space	2 GB	100 GB
Shared library space	100 MB	100 GB
Private group size (collaborators)	25	Up to 100
# of private groups	5	1000



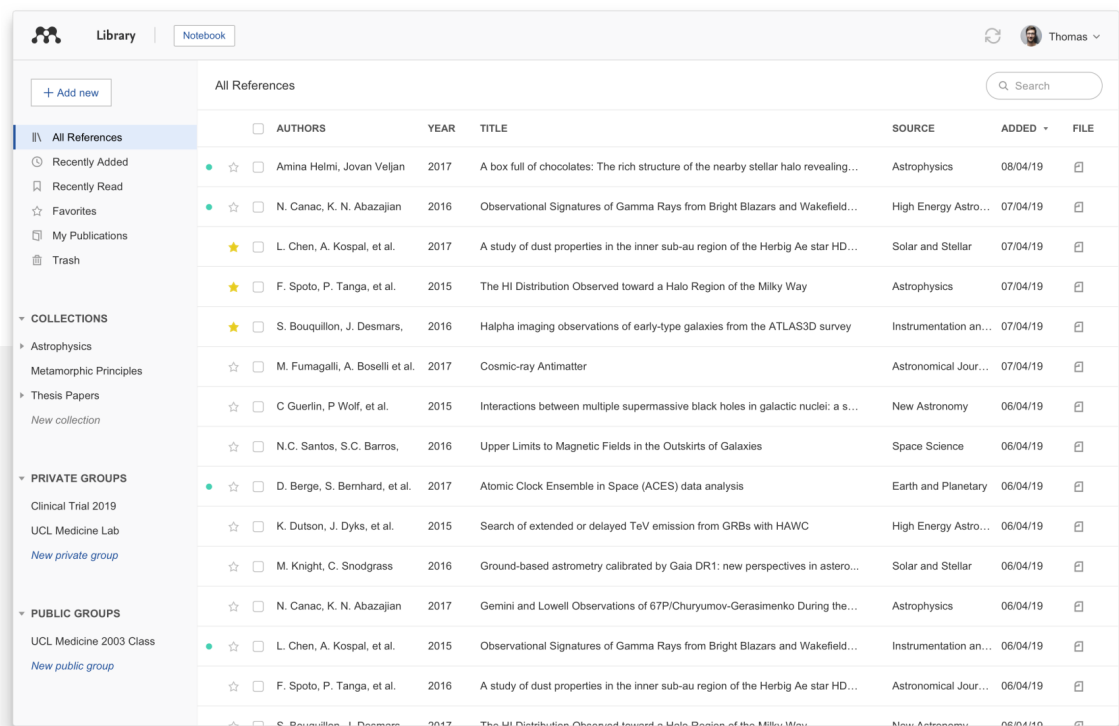
Overview:

Using Mendeley Reference Manager

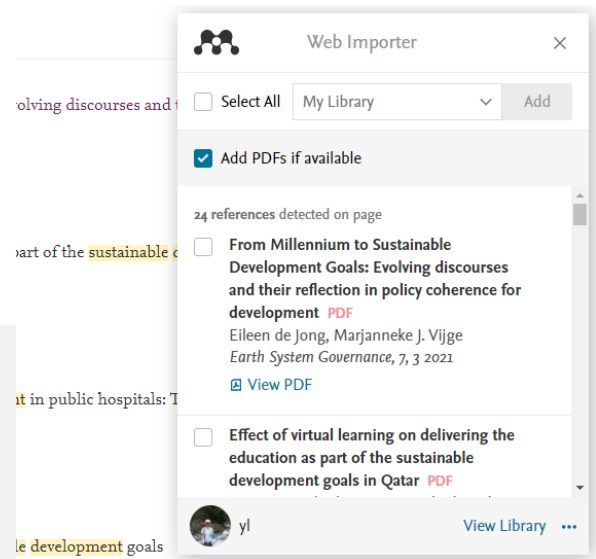
Build your knowledge

Solutions for building your knowledge

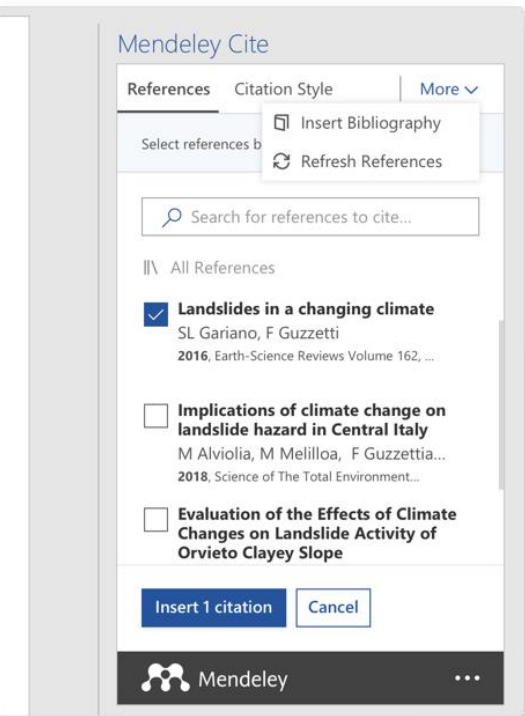
Mendeley Reference Manager



Mendeley Web Importer



Mendeley Cite



Mendeley Reference Manager

The screenshot displays the Mendeley Reference Manager interface. On the left, there is a sidebar with navigation options: '+ Add new', 'All References', 'Recently Added', 'Recently Read', 'Favorites', 'My Publications', 'COLLECTIONS' (including Astrophysics, Metamorphic Principles, Thesis Papers, and a new collection), 'PRIVATE GROUPS' (including Clinical Trial 2019, UCL Medicine Lab, and a new private group), and 'PUBLIC GROUPS' (including UCL Medicine 2003 Class and a new public group).

The main area shows a table of 'All References' with columns for 'AUTHORS', 'YEAR', and 'TITLE'. The table lists several references, including 'A box full of chocolates: The rich structure of the nearby...', 'Observational Signatures of Gamma Rays from Bright...', 'A study of dust properties in the inner sub-au region of...', 'The HI Distribution Observed toward a Halo Region of...', 'Halpha imaging observations of early-type galaxies from...', 'Cosmic-ray Antimatter', 'Interactions between multiple supermassive black hole...', 'Upper Limits to Magnetic Fields in the Outskirts of Galaxies...', 'Atomic Clock Ensemble in Space (ACES) data analysis...', 'Search of extended or delayed TeV emission from GR...', 'Ground-based astrometry calibrated by Gaia DR1: new...', 'Gemini and Lowell Observations of 67P/Churyumov-Gerasimenko', and 'Observational Signatures of Gamma Rays from Bright...'. Two references are selected, indicated by green dots.

On the right, a detailed view of a selected journal article is shown. The article is titled 'Observational Signatures of Gamma Rays from Bright Blazars and Wakefield Theory' by N. Canac, K. N. Abazajian et al. The abstract states: 'Gamma-ray observations have detected a strong variability in blazar luminosity in the gamma ray over time scales as short as several minutes. We show, for the first time, that the correlation of spectrum with intensity is consistent with the behavior with luminosity of blazar SEDs along a blazar sequence for low synchrotron peak blazars. We show that the observational signatures of variability with u_x are consistent with wakefield acceleration of electrons initiated by instabilities in the blazar accretion disk. This mechanism produces time variations as short as intervals of 100 seconds. The wakefield mechanism also predicts a reduction of electron spe...'. The article is associated with the 'APS Division of Plasma Physics Meeting 2017'. Below the abstract, there are links to 'Read' and 'Download' (labeled 'Read more').

At the bottom of the interface, there are buttons for 'Add to' and 'Mark as', and a status bar indicating '2 references selected'.

Download the desktop version:
mendeley.com/download-reference-manager

Access the web version:
mendeley.com/reference-manager/library



Organize:

Building a library


Build your knowledge

Adding references

Select a file or folder to add from your computer

Add a reference by manually entering details

Import from another reference manager, or BibTeX

 Library | Notebook

+ Add new

File(s) from computer

Add entry manually

Import library >

☆ Favorites

📁 My Publications

🗑️ Trash

▼ COLLECTIONS

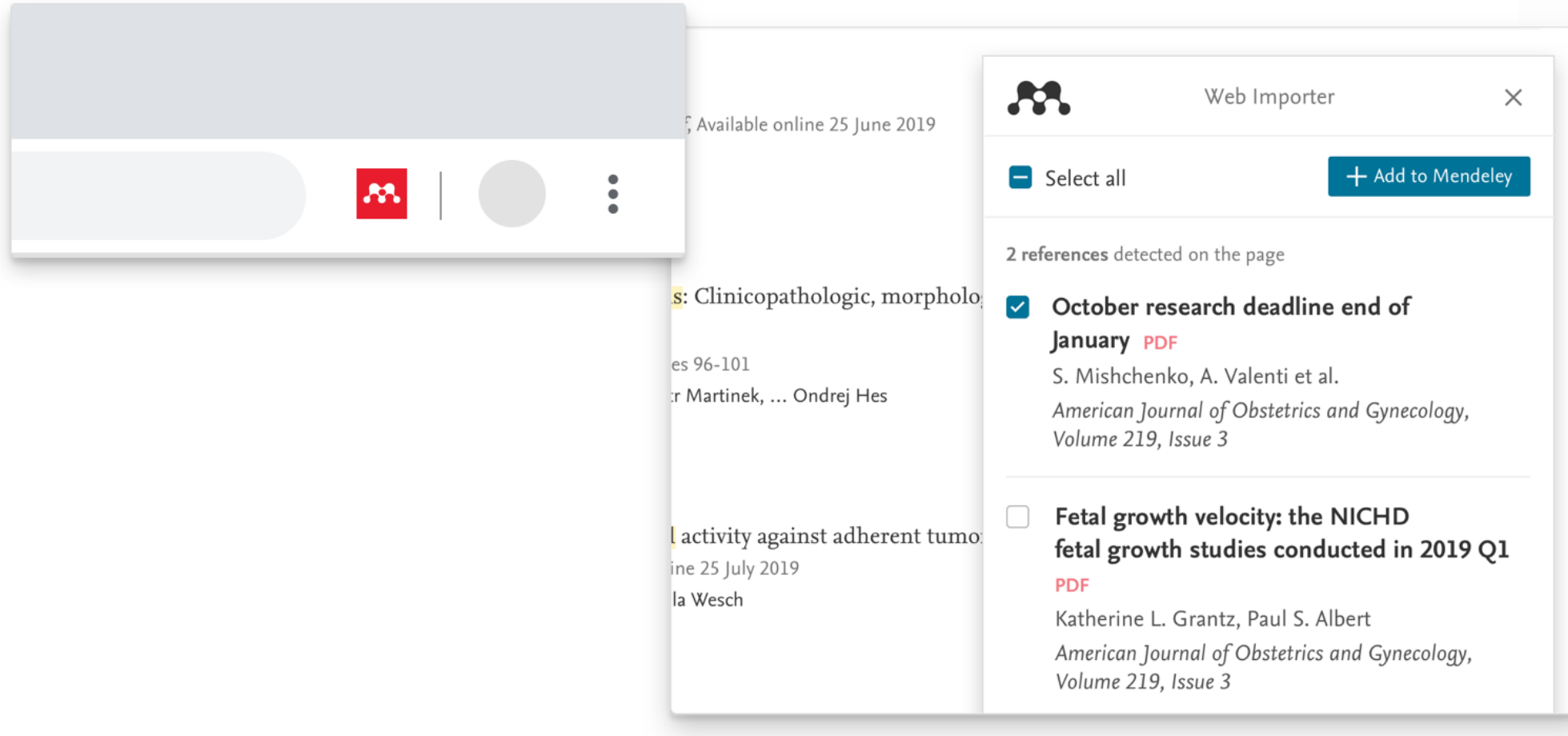
▶ Astrophysics

Metamorphic Principles

All References

<input type="checkbox"/>	AUTHORS	YEAR	TITLE
<input type="checkbox"/>	Amina Helmi, Jovan Veljan	2017	A box
<input type="checkbox"/>	, K. N. Abazajian	2016	Obse
<input type="checkbox"/>	A. Kospal, et al.	2017	A stu
<input checked="" type="checkbox"/>	F. Spoto, P. Tanga, et al.	2015	The f
<input type="checkbox"/>	S. Bouquillon, J. Desmars,	2016	Halp
<input checked="" type="checkbox"/>	M. Fumagalli, A. Boselli et al.	2017	Cosn

Mendeley Web Importer



mendeley.com/reference-management/web-importer

Mendeley Web Importer

← → ↻ scopus.com/results/results.uri?sort=plf-f&src=s&sid=2256cdde36fd28b7fab56eba3e2ad024&sot=aff&sdt=a&sl=15&s=AF-ID%2860090652%29&origin... 🔍 ⭐ 🏠 🌐 📄 🧩 👤

Edit Save Set alert

Search within results... 🔍

Refine results

Limit to Exclude

Open Access ^

- ☐ All Open Access (4,226) >
- ☐ Gold (1,548) >
- ☐ Hybrid Gold (205) >
- ☐ Bronze (2,135) >
- ☐ Green (1,338) >

Analyze search results

☐ All ▾ [Save to Mendeley](#) ▾ [Download](#) [View citation overview](#) [View cited](#)

	Document title	Authors
<input type="checkbox"/> 1	XPS and optical studies of different morphologies of ZnO nanostructures prepared by microwave methods	Al-Gaashani, R., S., Daud, A.R., T Al-Douri, Y.
	View abstract ▾ View at Publisher Related documents	
<input type="checkbox"/> 2	Synthesis of Graphene Oxide using Modified Hummers Method: Solvent Influence <i>Open Access</i>	Zaaba, N.I., Foo, Hashim, U., (...), W. Voon, C. H.

Mendeley

Select All

Add to Mendeley

99 references detected on page

☐ **XPS and optical studies of different morphologies of ZnO nanostructures prepared by microwave methods**
R. Al-Gaashani, S. Radiman et al.
Ceramics International, 39, 3, 4 2013


PDF not found

☒ **Synthesis of Graphene Oxide using Modified Hummers Method: Solvent Influence** PDF
N. I. Zaaba, K. L. Foo et al.
Procedia Engineering, 184, 2017
[View PDF](#)

yulang

Exporting references



 **Library** | Notebook

+ Add new

All References

Recently Added

Recently Read

Favorites

My Publications

Trash

COLLECTIONS
New Collection

PRIVATE GROUPS
New private group

PUBLIC GROUPS

All References

Search

≡

	AUTHORS	YEAR	TITLE	SOURCE	ADDED	FILE
☆ <input checked="" type="checkbox"/>	Julika W, Ajit A, Ismail N, Aqilah N, Na...	2020	Sugar profile and enzymatic analysis of stingless bee hon...	IOP Conference Se...	9/7/2020	
● ☆ <input type="checkbox"/>	Fletcher M, Hungerford N, Webber D,...	2020	Stingless bee honey, a novel source of trehalulose: a biol...	Scientific Reports	9/7/2020	

1 reference selected

Organize

Mark as

Export

Delete

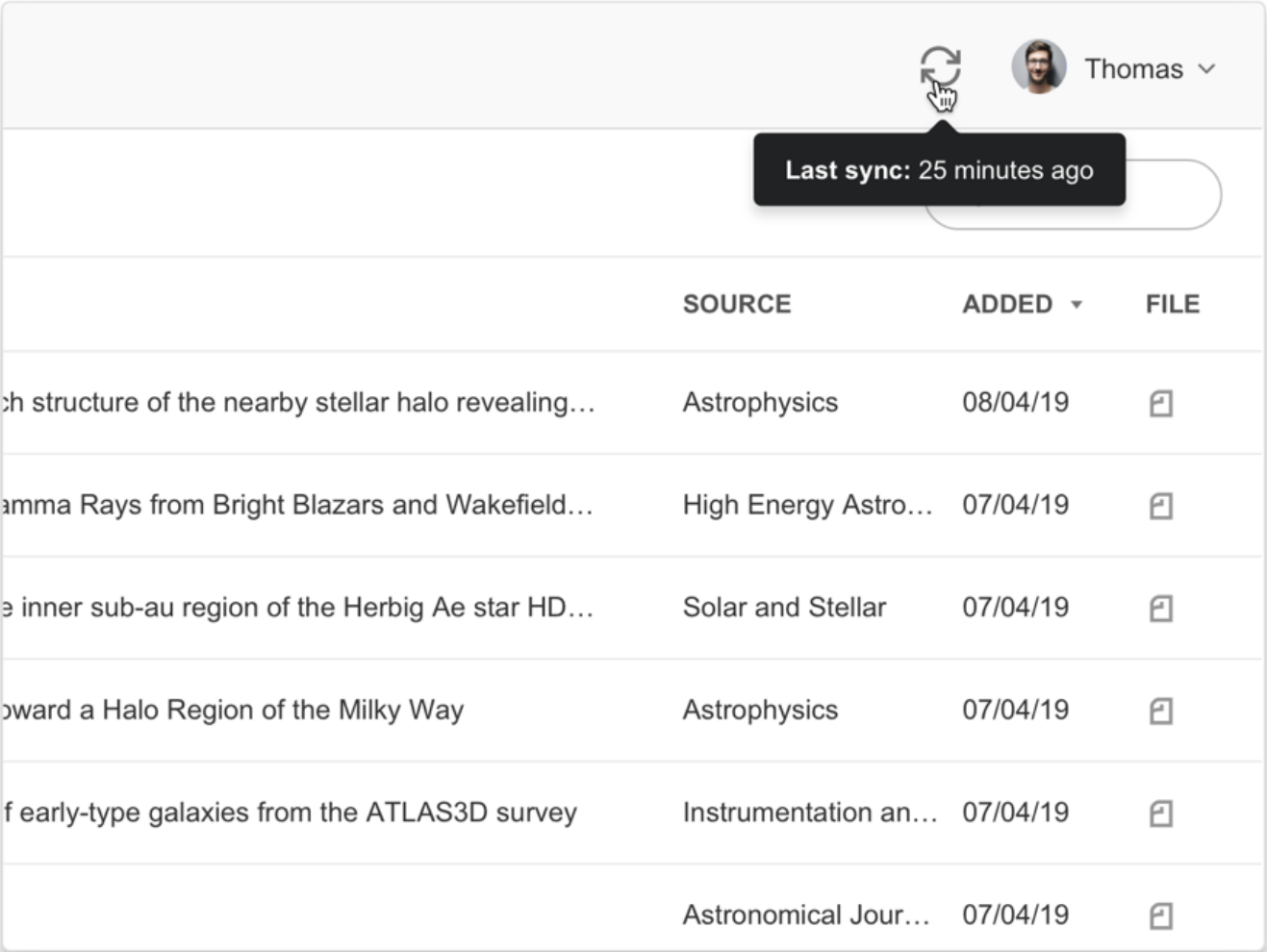
BibTeX (*.bib)

EndNote XML - EndNote v8, X1 to X3 (*.xml)

Microsoft Word (*.xml)

RIS - Research Information Systems (*.ris)

Always up to date with automatic sync



The image shows a screenshot of the Mendeley Desktop application interface. At the top right, there is a sync button (a circular arrow icon) and a user profile for 'Thomas'. A tooltip above the sync button indicates 'Last sync: 25 minutes ago'. Below this is a table of references.

	SOURCE	ADDED ▾	FILE
ch structure of the nearby stellar halo revealing...	Astrophysics	08/04/19	
gamma Rays from Bright Blazars and Wakefield...	High Energy Astro...	07/04/19	
e inner sub-au region of the Herbig Ae star HD...	Solar and Stellar	07/04/19	
oward a Halo Region of the Milky Way	Astrophysics	07/04/19	
f early-type galaxies from the ATLAS3D survey	Instrumentation an...	07/04/19	
	Astronomical Jour...	07/04/19	









Organize: Managing your library

Build your knowledge

Managing your library

Smart Collections

-  All references in your personal library
-  References added in the last 30 days
-  References opened in the last 30 days
-  All references you've listed as 'Favorites'
-  Publications you have authored and claimed through the Scopus Author Profile
-  All references you have deleted

Library | Notebook

+ Add new

All References

Search

	AUTHORS	YEAR	TITLE	SOURCE	ADDED	FILE
<input type="checkbox"/>	Amina Helmi, Jovan Veljan	2017	A box full of chocolates: The rich structure of the nearby stellar halo revealing...	Astrophysics	08/04/19	
<input checked="" type="checkbox"/>	N. Canac, K. N. Abazajian	2016	Observational Signatures of Gamma Rays from Bright Blazars and Wakefield...	High Energy Astro...	07/04/19	
<input checked="" type="checkbox"/>	L. Chen, A. Kospal, et al.	2017	A study of dust properties in the inner sub-au region of the Herbig Ae star HD...	Solar and Stellar	07/04/19	
<input checked="" type="checkbox"/>	F. Spoto, P. Tanga, et al.	2015	The HI Distribution Observed toward a Halo Region of the Milky Way	Astrophysics	07/04/19	
<input checked="" type="checkbox"/>	S. Bouquillon, J. Desmars,	2016	Halpna imaging observations of early-type galaxies from the ATLAS3D survey	Instrumentation an...	07/04/19	
<input type="checkbox"/>	M. Fumagalli, A. Boselli et al.	2017	Cosmic-ray Antimatter	Astronomical Jour...	07/04/19	
<input type="checkbox"/>	C. Guerlin, P. Wolf, et al.	2015	Interactions between multiple supermassive black holes in galactic nuclei: a s...	New Astronomy	06/04/19	
<input type="checkbox"/>	N.C. Santos, S.C. Barros,	2016	Upper Limits to Magnetic Fields in the Outskirts of Galaxies	Space Science	06/04/19	
<input checked="" type="checkbox"/>	D. Berge, S. Bernhard, et al.	2017	Atomic Clock Ensemble in Space (ACES) data analysis	Earth and Planetary	06/04/19	
<input type="checkbox"/>	K. Dutson, J. Dyks, et al.	2015	Search of extended or delayed TeV emission from GRBs with HAWC	High Energy Astro...	06/04/19	
<input type="checkbox"/>	M. Knight, C. Snodgrass	2016	Ground-based astrometry calibrated by Gaia DR1: new perspectives in astero...	Solar and Stellar	06/04/19	
<input type="checkbox"/>	N. Canac, K. N. Abazajian	2017	Gemini and Lowell Observations of 67P/Churyumov-Gerasimenko During the...	Astrophysics	06/04/19	
<input checked="" type="checkbox"/>	L. Chen, A. Kospal, et al.	2015	Observational Signatures of Gamma Rays from Bright Blazars and Wakefield...	Instrumentation an...	06/04/19	
<input type="checkbox"/>	F. Spoto, P. Tanga, et al.	2016	A study of dust properties in the inner sub-au region of the Herbig Ae star HD...	Astronomical Jour...	06/04/19	
<input checked="" type="checkbox"/>	S. Bouquillon, J. Desmars	2017	The HI Distribution Observed toward a Halo Region of the Milky Way	New Astronomy	06/04/19	

COLLECTIONS

- Astrophysics
- Metamorphic Principles
- Thesis Papers
- New collection

PRIVATE GROUPS

- Clinical Trial 2019
- UCL Medicine Lab
- New private group

PUBLIC GROUPS

- UCL Medicine 2003 Class
- New public group

Use column headings to order your references

Mark references read or unread

References with attached PDFs can be opened with the Reader

Star items to mark them as 'Favorites'

Creating and using custom collections

The screenshot shows the Mendeley desktop application interface. On the left is a sidebar with a 'COLLECTIONS' section. Below this section are several custom collections: 'Astrophysics', 'Metamorphic Principles', 'Data Modelling', 'High Energy Masses', 'Dark matter', and 'Thesis Papers'. At the bottom of the sidebar is a button labeled 'New collection' with a dashed blue border and a hand cursor icon. A red arrow points from this button to a callout box on the right that says 'Create a new custom collection'. Another red arrow points from the 'COLLECTIONS' header to a callout box that says 'Your custom collections'. The main area of the application displays a list of publications with columns for status (green dot), star rating (star icon), checkbox, author, year, and title.

Status	Star	Checkbox	Author	Year	Title
●	☆	<input type="checkbox"/>	Amina Helmi, Jovan Veljan	2017	A bo
●	☆	<input type="checkbox"/>	N. Canac, K. N. Abazajian	2016	Obse
★	☆	<input type="checkbox"/>	L. Chen, A. Kospal, et al.	2017	A stu
★	☆	<input type="checkbox"/>	F. Spoto, P. Tanga, et al.	2015	The f
★	☆	<input type="checkbox"/>	S. Bouquillon, J. Desmars,	2016	Halp
☆	☆	<input type="checkbox"/>	M. Fumagalli, A. Boselli et al.	2017	Cosm
☆	☆	<input type="checkbox"/>	C Guerlin, P Wolf, et al.	2015	Inter
☆	☆	<input type="checkbox"/>	N.C. Santos, S.C. Barros,	2016	Uppe
●	☆	<input type="checkbox"/>	D. Berge, S. Bernhard, et al.	2017	Atom

Using the action panel

The screenshot displays the Mendeley Library interface. On the left, a sidebar contains navigation options: 'All References' (selected), 'Recently Added', 'Recently Read', 'Favorites', 'My Publications', and 'Trash'. Below these are 'COLLECTIONS' (ENV, Honey, Mendeley, T Colin Campbell, New Collection) and 'PRIVATE GROUPS' (Level 2 assessment, Mendeley Certification Program). The main area shows a table of references with columns: AUTHORS, YEAR, TITLE, SOURCE, ADDED, and FILE. A red box highlights the 'Action Panel' context menu that appears when a reference is selected. The menu options are: 'Add to Collection', 'Add to Private Group', and 'Remove from Collection'. A red arrow points from the 'Add to Collection' option to a text box on the right that says 'Add references to collections or private groups'. The table lists several references, including 'Antioxidant status and cancer mortality in China' (1992), 'Chinese Diet Study [3]' (1988), 'Hormones in milk [2]' (2007), 'Dietary protein, growth factors, and cancer [5]' (2007), 'The benefits of integrating nutrition into clinical medicine' (2008), 'Development and Nature: The Social and Th...' (2014), 'Biodiversity when money matters: Maximizing ...' (2014), and 'Boundaries: Exploring the safe operating spac...' (2014).

AUTHORS	YEAR	TITLE	SOURCE	ADDED	FILE
Chen J, Geissler C, Parpia B, Li J, C...	1992	Antioxidant status and cancer mortality in China	International Journal of Cancer		
Campbell T	1988	Chinese Diet Study [3]	Science		
Campbell T	2007	Hormones in milk [2]	Scientist		
Campbell T	2007	Dietary protein, growth factors, and cancer [5]	American Journal of Clinical Nutrition	6/5/2015	
Campbell T, Campbell T	2008	The benefits of integrating nutrition into clinical medicine	Israel Medical Association Journal	6/5/2015	
Redclift M, Woodgate G		Development and Nature: The Social and Th...	Sustainable Development Goals	11/24/2014	
Underwood E, Shaw M, Wilson K		Biodiversity when money matters: Maximizing ...	PLoS ONE	11/24/2014	
Rockström J, Steffen W, Noone K		Boundaries: Exploring the safe operating spac...	Ecology and Society	11/24/2014	

1 reference selected

Organize ^ Mark as v Export v Delete

Add references to collections or private groups

Searching your documents

The screenshot shows the Mendeley Library interface. At the top, there's a 'Library' tab and a 'Notebook' tab. A search bar is located at the top right. On the left, there's a sidebar with a list of collections. The main area displays a table of references with columns: AUTHORS, YEAR, TITLE, SOURCE, ADDED, and FILE. The table is filtered to show references from the 'Astrophysics' collection. The first row in the table is highlighted.

AUTHORS	YEAR	TITLE	SOURCE	ADDED	FILE
Amina Helmi, Jovan Veljan	2017	A box full of chocolates: The rich structure of the nearby stellar halo revealing...	Astrophysics	08/04/19	
N. Canac, K. N. Abazajian	2016	Observational Signatures of Gamma Rays from Bright Blazars and Wakefield...	High Energy Astro...	07/04/19	
L. Chen, A. Kospal, et al.	2017	A study of dust properties in the inner sub-au region of the Herbig Ae star HD...	Solar and Stellar	07/04/19	
F. Spoto, P. Tanga, et al.	2015	The HI Distribution Observed toward a Halo Region of the Milky Way	Astrophysics	07/04/19	
S. Bouquillon, J. Desmars,	2016	Halpalpha imaging observations of early-type galaxies from the ATLAS3D survey	Instrumentation an...	07/04/19	
M. Fumagalli, A. Boselli et al.	2017	Cosmic-ray Antimatter	Astronomical Jour...	07/04/19	
C. Guerlin, P. Wolf, et al.	2015	Interactions between multiple supermassive black holes in galactic nuclei: a s...	New Astronomy	06/04/19	
N.C. Santos, S.C. Barros,	2016	Upper Limits to Magnetic Fields in the Outskirts of Galaxies	Space Science	06/04/19	
D. Berge, S. Bernhard, et al.	2017	Atomic Clock Ensemble in Space (ACES) data analysis	Earth and Planetary	06/04/19	
K. Dutson, J. Dyks, et al.	2015	Search of extended or delayed TeV emission from GRBs with HAWC	High Energy Astro...	06/04/19	
M. Knight, C. Snodgrass	2016	Ground-based astrometry calibrated by Gaia DR1: new perspectives in astero...	Solar and Stellar	06/04/19	
N. Canac, K. N. Abazajian	2017	Gemini and Lowell Observations of 67P/Churyumov-Gerasimenko During the...	Astrophysics	06/04/19	
L. Chen, A. Kospal, et al.	2015	Observational Signatures of Gamma Rays from Bright Blazars and Wakefield...	Instrumentation an...	06/04/19	
F. Spoto, P. Tanga, et al.	2016	A study of dust properties in the inner sub-au region of the Herbig Ae star HD...	Astronomical Jour...	06/04/19	
S. Bouquillon, J. Desmars,	2017	The HI Distribution Observed toward a Halo Region of the Milky Way	New Astronomy	06/04/19	

Enter your search term in the search field

The main view will be filtered accordingly

Select a specific collection to search within it

Mendeley's search tool will return results based on the reference title, author, year or source



Read: Highlighting and annotating documents

Build your knowledge

Reading PDFs

The screenshot displays the Mendeley Library application. The top bar includes the Mendeley logo, a 'Library' tab, and a 'Notebook' tab. The main document viewer shows a PDF titled 'Implications of climate change on landslide hazard in Central Italy'. The text in the PDF discusses the effects of climate change on landslide hazards, mentioning a decrease in the displacement rate of the earthflow in the range 1.5–3.0 mm per decade, leading to a maximum total displacement of 77 to 86 cm in the 51-year period 2010–2060. A relevant conclusion of the study was that the expected climate change did not play a relevant role in the dynamic behavior of the slow landslide in clay, due to the moderate decrease in the amount of annual precipitation and limited effect of temperature increase on evaporation and groundwater level.

Adopting the same simulation chain and global and regional climate models, Rianna et al. (2014) investigated a slow, deep-seated landslide in clay affecting the NE slope of the Orvieto hill, Umbria, central Italy. A 30-year-long monitoring record of the slide was used to establish a link between rainfall and rate of landslide movement (Tommasi et al., 2006), including a distinct reduction in the rate related to a decreasing trend in the maximum annual 4-month cumulated rainfall. Coupling historical data with high-resolution (up to 8 km) climate projections provided by COSMO-CLM for two IPCC emission scenarios (RCP4.5 and RCP8.5, Meinshausen et al., 2011), the authors obtained a quantitative estimate of the expected slope displacement until the end of 21st century, and concluded that the predicted local climate changes will be responsible for a significant deceleration of the landslide movement.

A few investigators used the physically-based modelling approach to evaluate the effects of climate change on populations of mainly shallow landslides. Chang and Chiang (2011) determined a worst-case scenario for shallow landslide occurrence in a mountain catchment of Taiwan in the 21st century. From 21 GCMs, they selected an optimal GCM (CGCM2.3.2, Yukimoto et al., 2006), and the related monthly precipitation. They downscaled annual 24-h rainfall maxima (considered a good predictor for typhoons), and used it as input for the calculation of the stability conditions of a slope, measured by the factor of safety. They estimated an increase of about 15% in the average annual maximum rainfall from 1960 to 2008 to 2010–2009 and, as a result, a 12% increase in the average total unstable area between the considered periods.

Melchiorre and Frattini (2012) coupled a hydrological-stability model to eleven GCM scenarios and Monte Carlo simulations to evaluate changes in slope stability conditions of shallow landslides in central Norway. The GCM data were used to evaluate soil saturation conditions and pressure heads through the hydrological model, and an infinite slope stability model used to compute the factor of safety. They found diverging slope stability results for the future scenarios, and concluded

year 2100. Comparing this result with thresholds calibrated on historical data in the period 1963–2007 they suggested an increase in the total number of debris flows of approximately 30% by the end of the 21st century.

Jomelli et al. (2009) investigated the impact of future climate change on the geographical and temporal occurrence of debris flows in the Massif des Ecrins, in the French Alps. They used downscaled rainfall and temperature data obtained from three simulations of the ARPEGE GCM (Déqué et al., 1994), under the A2 IPCC scenario (Houghton et al., 2001), for the 30-year future period 2070–2099. The projections showed a decrease in the number of intense rainfall events and an increase in temperature, compared to the calibration period 1970–1999. Given the decrease in the number of intense rainfall events, the authors estimated a 30% reduction in the temporal occurrence of debris flows, and given the increase in temperature, they estimated a shift of the 0 °C isotherm to a higher elevation, which was expected to result in a 20% reduction in the number of slopes affected by shallow slope instabilities, and a shift in the elevation of the areas susceptible to debris flow initiation.

Turkington et al. (2016) predicted trends in debris flows activity, measured by the number of days with debris flows, for the period 2010–2099, in the Barcelonnette valley, France, and the Fella catchment, Italy, under the RCP4.5 and RCP8.5 scenarios. For their experiment, they used a probabilistic approach to determine a dependence between rainfall events and debris flow occurrence (Turkington et al., 2014), and bias-corrected climate projections of two meteorological proxies i.e., daily rainfall from 1950 to 2009, and Convective Available Potential Energy (CAPE) from 1979 and 2011. Using an ensemble of 32 climate scenarios (from 3 RCMs and up to 6 GCMs, Jacob et al., 2014) for the rainfall proxy, and eight climate scenarios (from 4 GCMs, Taylor et al., 2011) for the CAPE proxy, they found an increase of up to 6% per decade in the number of days with debris flows towards the end of 21st century, in both study areas, and acknowledged that their projections depended strongly on the proxy used, and to a lesser extent to the GCM, RCM, and the RCP scenarios.

Lastly, Ciabatta et al. (2016) investigated the impact of climate change on landslide occurrence in Umbria, central Italy, using GCM projections applied in an existing regional landslide early warning system (Ponziani et al., 2012). First, they assessed the performance of the system using a catalogue of 235 shallow landslides in Umbria from 1990 to 2013. Next, they exploited hourly rainfall and temperature records obtained from

The right sidebar shows the 'Annotations' tab with three entries, each with a timestamp of 21:48:

- Interesting information. Must read later
- research why did this increase happen
- share this with the team for later analysis

Highlighting and annotating

Available online 17 November 2014

Keywords:
User experience
Survey
Definition
Concept
Practitioners
Usability

For more than a decade, User Experience (UX) has grown into a core action (HCI). Practitioners and researchers from a wide range of disciplines have been working to understand, define, and use the concept. However, despite many attempts to understand, define, and use the concept, whether a consensus has been reached on this concept remains a willing research topic and bring the concept of UX to maturity, a replication study is conducted. The main goal of the present study is to get a better understanding of the points on the notion of UX and to analyze potential evolutions over time. The practical use of the concept. As both practical and theoretical importance for whoever designs interactive systems, the exploratory study is a valuable step toward continual improvement of UX activities. The study involved amongst 758 practitioners and researchers from 35 nationalities. It aims to understand the concept is understood and used throughout the world. Amongst international practitioners were observed according to the geographical location and background.

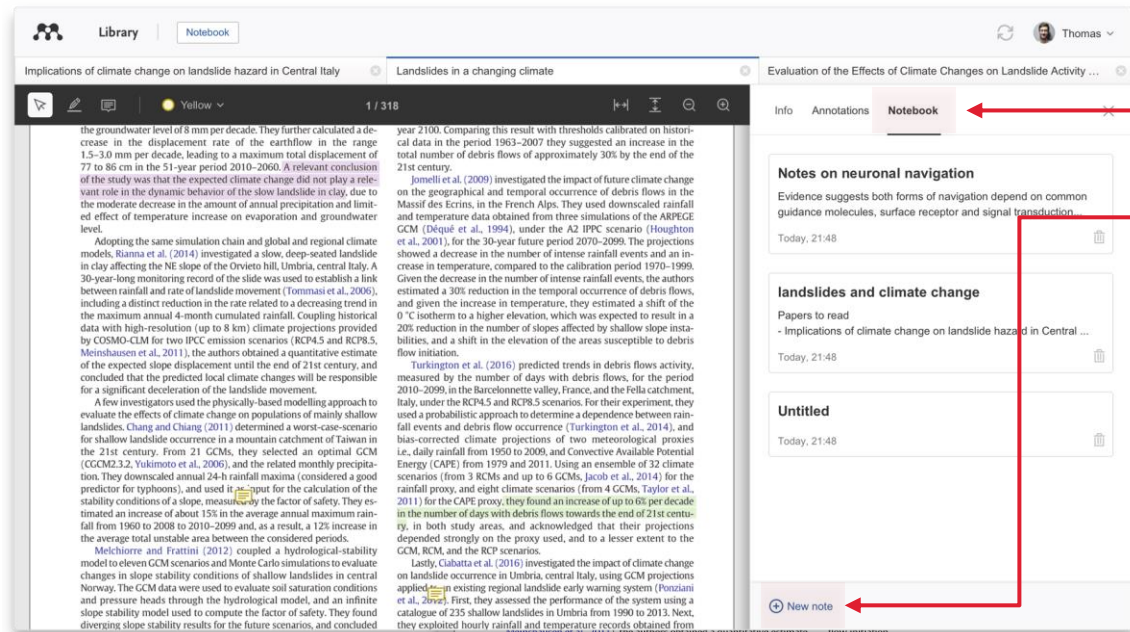
1. Introduction

Some concepts in the field of HCI are commonly used by practitioners even if a lack of empirical research has prevented their full understanding and impact. User experience (UX) could be one of those fashion and fuzzy terms that is increasingly used even though it has not reached yet regarding its definition. Practitioners question the added value of UX and its concepts such as usability, ergonomics or user acceptance (Barcenilla & Bastien, 2009), some also agree that UX is a "truly extended and distinct perspective on the quality of interactive products" (Hassenzahl, 2008).

Since the 2000s, the concept of UX is widely used but understood in different ways (Law, Roto, Hassenzahl, Vermeeren, &

be explained by the fact that UX is a combination of fuzzy and dynamic concepts combining several HCI notions. Understanding UX is an important challenge for HCI as it is a step toward UX measurement and design (Fent & Blythe, 2007). As stated by Fent (2007), "you cannot control what you cannot measure, what you cannot measure, what you cannot define" (p. 14). The UX Manifesto, published in 2007, consisted in answering the question: "What is UX?" and studying the basic concepts and how they have been used. Studies have tried to meet this challenge: attempts to understand UX have been made through several approaches: reviewing UX research

Mendeley Notebook



See all your Notebook pages

Create as many Notebook pages as you need

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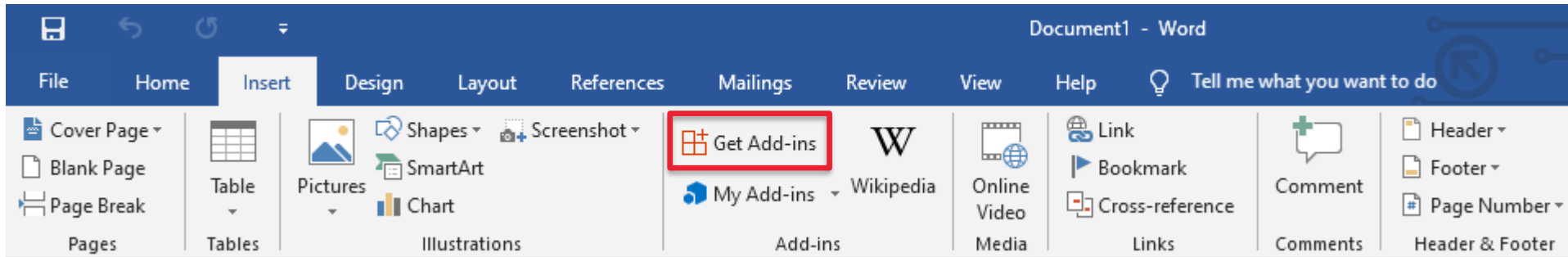
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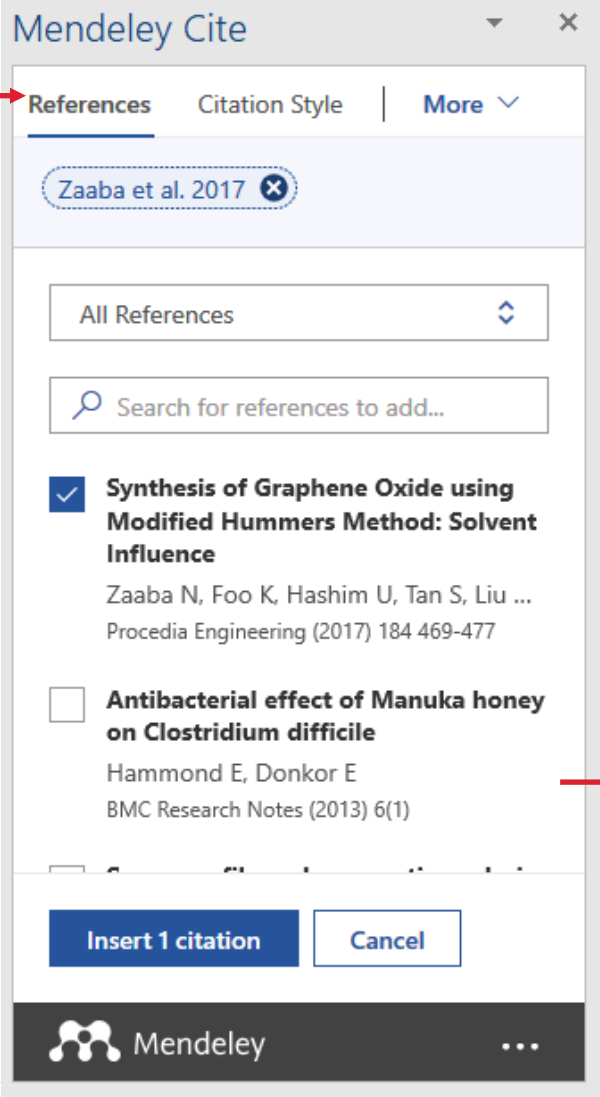
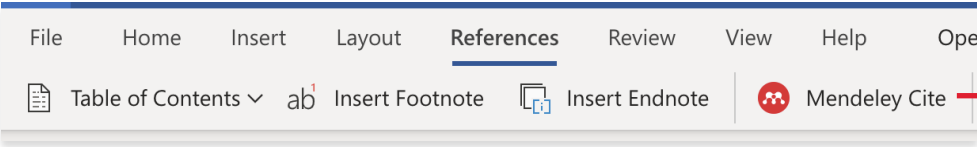
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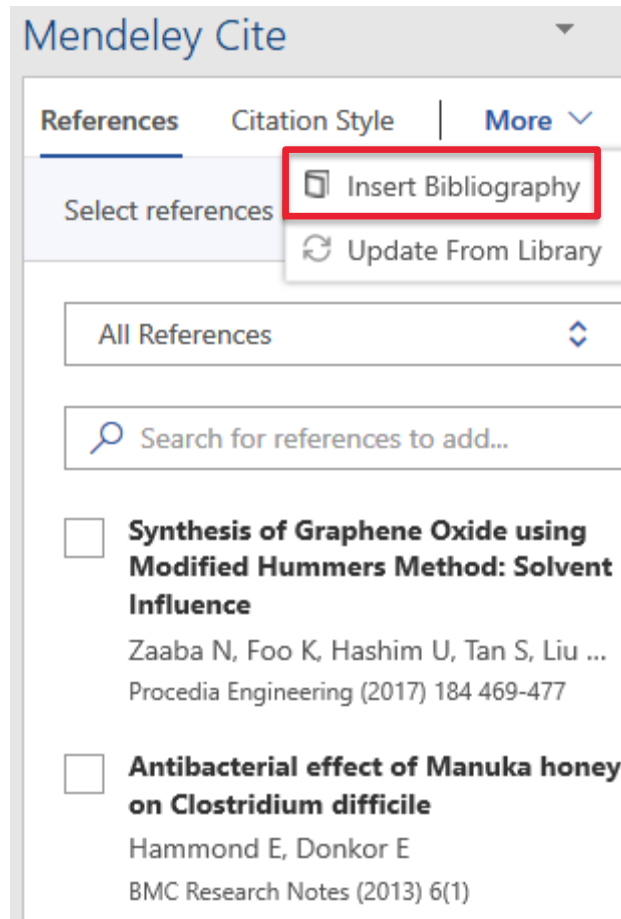
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(Fletcher et al., 2020; Hammond & Donkor, 2013; Julika et al., 2020; Zaaba et al., 2017)

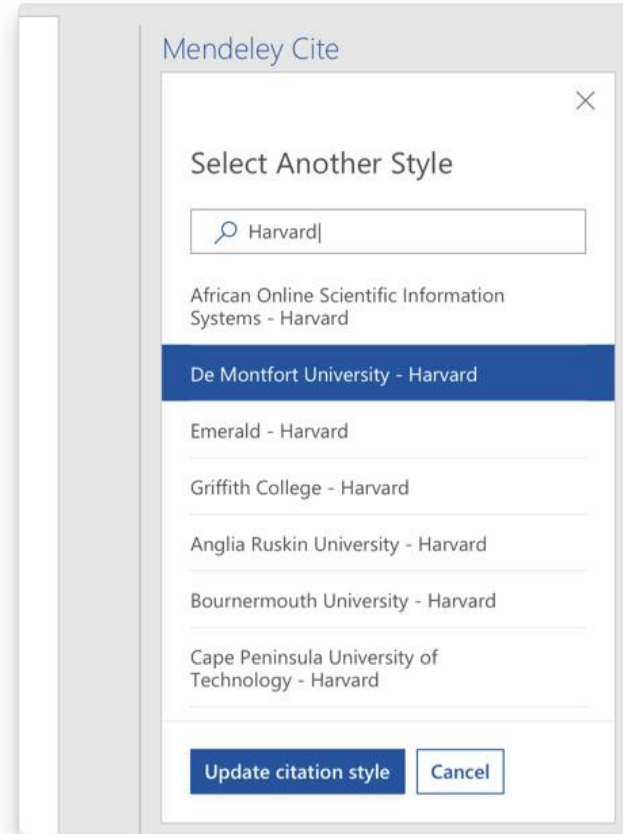
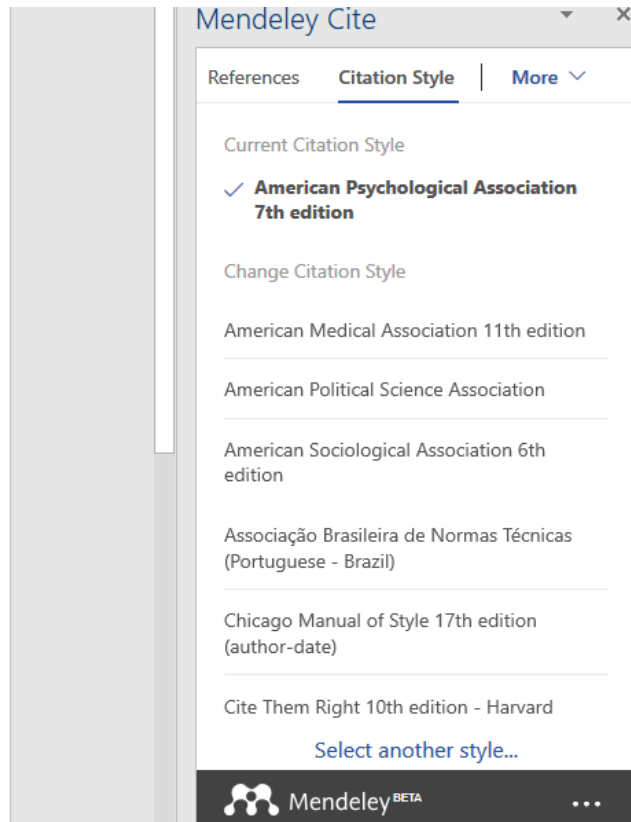
Fletcher, M. T., Hungerford, N. L., Webber, D., Carpinelli de Jesus, M., Zhang, J., Stone, I. S. J., Blanchfield, J. T., & Zawawi, N. (2020). Stingless bee honey, a novel source of trehalulose: a biologically active disaccharide with health benefits. *Scientific Reports*, 10(1). <https://doi.org/10.1038/s41598-020-68940-0>

Hammond, E. N., & Donkor, E. S. (2013). Antibacterial effect of Manuka honey on *Clostridium difficile*. *BMC Research Notes*, 6(1). <https://doi.org/10.1186/1756-0500-6-188>

Julika, W. N., Ajit, A., Ismail, N., Aqilah, N., Naila, A., & Sulaiman, A. Z. (2020). Sugar profile and enzymatic analysis of stingless bee honey collected from local market in Malaysia. *IOP Conference Series: Materials Science and Engineering*, 736(6). <https://doi.org/10.1088/1757-899X/736/6/062001>

Zaaba, N. I., Foo, K. L., Hashim, U., Tan, S. J., Liu, W. W., & Voon, C. H. (2017). Synthesis of Graphene Oxide using Modified Hummers Method: Solvent Influence. *Procedia Engineering*, 184, 469–477. <https://doi.org/10.1016/J.PROENG.2017.04.118>

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L. Chen, A. Kospal	2017	A study of dust properties in the inner sub-au region...	Solar and Stellar	08/04/19	Sven Svenson	
F. Spoto, P. Tanga	2015	The HI Distribution Observed toward a Halo Region...	Astrophysics	08/04/19	Sven Svenson	
S. Bouquillon, J. Desmars	2016	Halpba imaging observations of early-type galaxies...	Instrumentation...	08/04/19	Sven Svenson	
M. Fumagalli, A. Boselli	2017	Cosmic-ray Antimatter	Astronomical	08/04/19	Sven Svenson	
C Guerlin, P Wolf	2015	Interactions between multiple supermassive black...	New Astronomy	08/04/19	Sven Svenson	

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Implications of climate change on landslide hazard in Central Italy

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Annotations

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UCLA LANDSLIDES 2019

Thomas 04/04/2019

What does everyone think of the calculation used here to measure the factor of safety?

Jean Bruno 21:48

do we have reports of any other landslides happening in Italy or other countries in Europe?

Thomas 04/04/2019

this links to the previous report of 2015

the groundwater level of 8 mm per decade. They further calculated a decrease in the displacement rate of the earthflow in the range 1.5–3.0 mm per decade, leading to a maximum total displacement of 77 to 86 cm in the 51-year period 2010–2060. A relevant conclusion of the study was that the expected climate change did not play a relevant role in the dynamic behavior of the slow landslide in clay, due to the moderate decrease in the amount of annual precipitation and limited effect of temperature increase on evaporation and groundwater level.

Adopting the same simulation chain and global and regional climate models, Rianini et al. (2014) investigated a slow, deep-seated landslide in clay affecting the NE slope of the Orvietto hill, Umbria, central Italy. A 30-year-long monitoring record of the slide was used to establish a link between rainfall and rate of landslide movement (Tommasi et al., 2006), including a distinct reduction in the rate related to a decreasing trend in the maximum annual 4-month cumulated rainfall. Coupling historical data with high-resolution (up to 8 km) climate projections provided by COSMO-CLM for two IPCC emission scenarios (RCP4.5 and RCP8.5, Meinshausen et al., 2011), the authors obtained a quantitative estimate of the expected slope displacement until the end of 21st century, and concluded that the predicted local climate changes will be responsible for a significant deceleration of the landslide movement.

A few investigators used the physically-based modelling approach to evaluate the effects of climate change on populations of mainly shallow landslides. Chang and Chiang (2011) determined a worst-case-scenario for shallow landslide occurrence in a mountainous catchment of Taiwan in the 21st century. From 21 GCMs, they selected an optimal GCM (CGCM2.3.2, Yukimoto et al., 2006), and the related monthly precipitation. They downscaled annual 24-h rainfall maxima (considered a good predictor for typhoons), and used it as input for the calculation of the stability conditions of a slope, measured by the factor of safety. They estimated an increase of about 15% in the average annual maximum rainfall from 1960 to 2008 to 2010–2099 and, as a result, a 12% increase in the average total unstable area between the considered periods.

Melchiorre and Frattini (2012) coupled a hydrological-stability model to eleven GCM scenarios and Monte Carlo simulations to evaluate changes in slope stability conditions of shallow landslides in central Norway. The GCM data were used to evaluate soil saturation conditions and pressure heads through the hydrological model, and an infinite slope stability model used to compute the factor of safety. They found diverging slope stability results for the future scenarios, and concluded

year 2100. Comparing this result with thresholds calibrated on historical data in the period 1963–2007 they suggested an increase in the total number of debris flows of approximately 30% by the end of the 21st century.

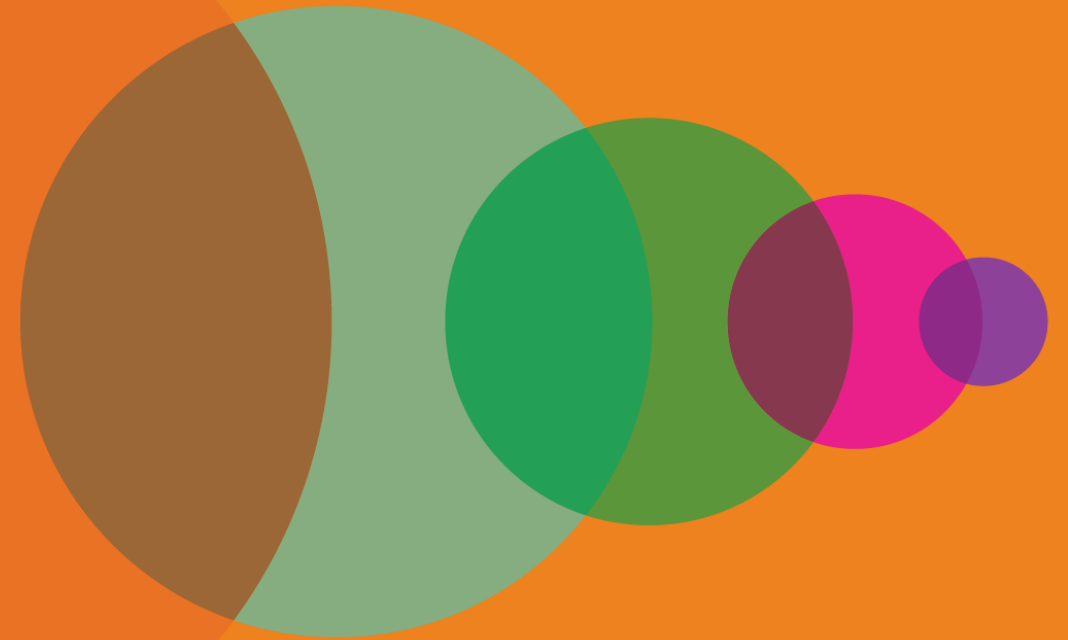
Jomelli et al. (2009) investigated the impact of future climate change on the geographical and temporal occurrence of debris flows in the Massif des Ecrins, in the French Alps. They used downscaled rainfall and temperature data obtained from three simulations of the ARPEGE GCM (Dèqué et al., 1994), under the A2 IPCC scenario (Houghton et al., 2001), for the 30-year future period 2070–2099. The projections showed a decrease in the number of intense rainfall events and an increase in temperature, compared to the calibration period 1970–1999. Given the decrease in the number of intense rainfall events, the authors estimated a 30% reduction in the temporal occurrence of debris flows, and given the increase in temperature, they estimated a shift of the 0 °C isotherm to a higher elevation, which was expected to result in a 20% reduction in the number of slopes affected by shallow slope instabilities, and a shift in the elevation of the areas susceptible to debris flow initiation.

Turkington et al. (2016) predicted trends in debris flows activity, measured by the number of days with debris flows, for the period 2010–2099, in the Barcelonnette valley, France, and the Fella catchment, Italy, under the RCP4.5 and RCP8.5 scenarios. For their experiment, they used a probabilistic approach to determine a dependence between rainfall events and debris flow occurrence (Turkington et al., 2014), and bias-corrected climate projections of two meteorological proxies i.e., daily rainfall from 1950 to 2009, and Convective Available Potential Energy (CAPE) from 1979 and 2011. Using an ensemble of 32 climate scenarios (from 3 RCMs and up to 6 GCMs, Jacob et al., 2014) for the rainfall proxy, and eight climate scenarios (from 4 GCMs, Taylor et al., 2011) for the CAPE proxy, they found an increase of up to 6% per decade in the number of days with debris flows towards the end of 21st century, in both study areas, and acknowledged that their projections depended strongly on the proxy used, and to a lesser extent to the GCM, RCM, and the RCP scenarios.

Lastly, Ciabatta et al. (2016) investigated the impact of climate change on landslide occurrence in Umbria, central Italy, using GCM projections applied in existing regional landslide early warning system (Ponziani et al., 2012). First, they assessed the performance of the system using a catalogue of 235 shallow landslides in Umbria from 1990 to 2013. Next, they exploited hourly rainfall and temperature records obtained from

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Abd Jalil M. A., Kasmuri A. R., Hadi H.

Skin Pharmacology and Physiology (2017)

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Influence of origins and bee species on physicochemical, antioxidant properties and botanical discrimination of stingless bee honey

Shamsudin S., Selamat J. [...] Khatib A.

International Journal of Food Properties (2019)

characteristics and antioxidant properties of stingless bee honey ... Principle component analysis (PCA) revealed that stingless bee honey was differentiable from *Apis mellifera*

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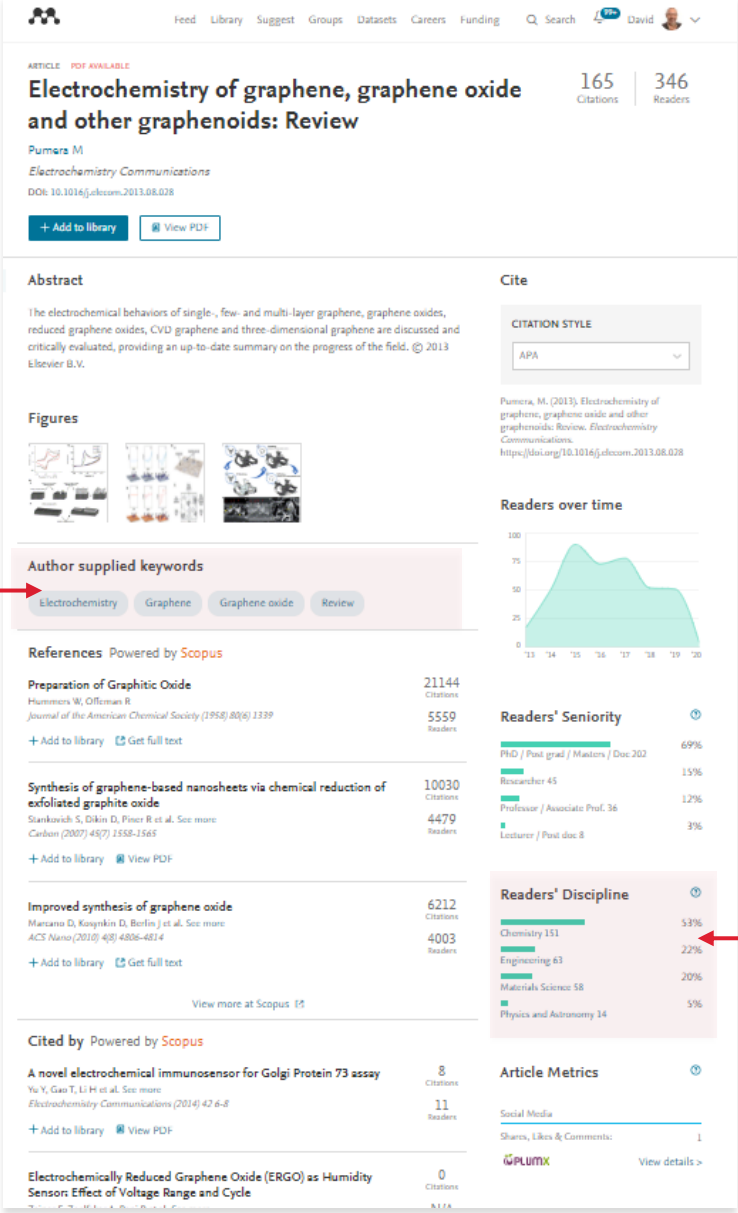
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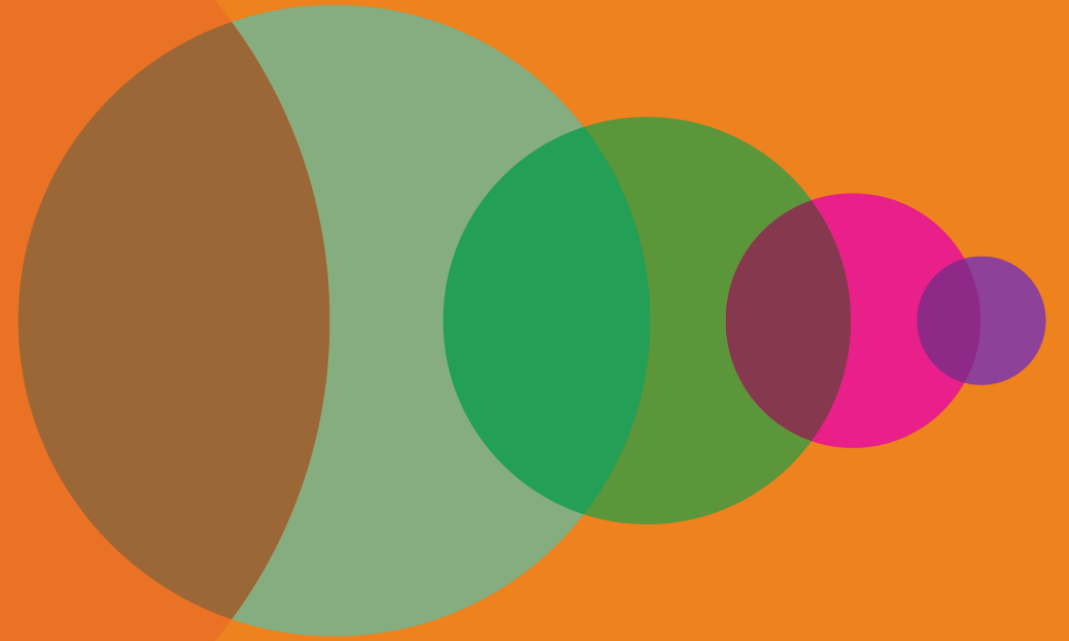
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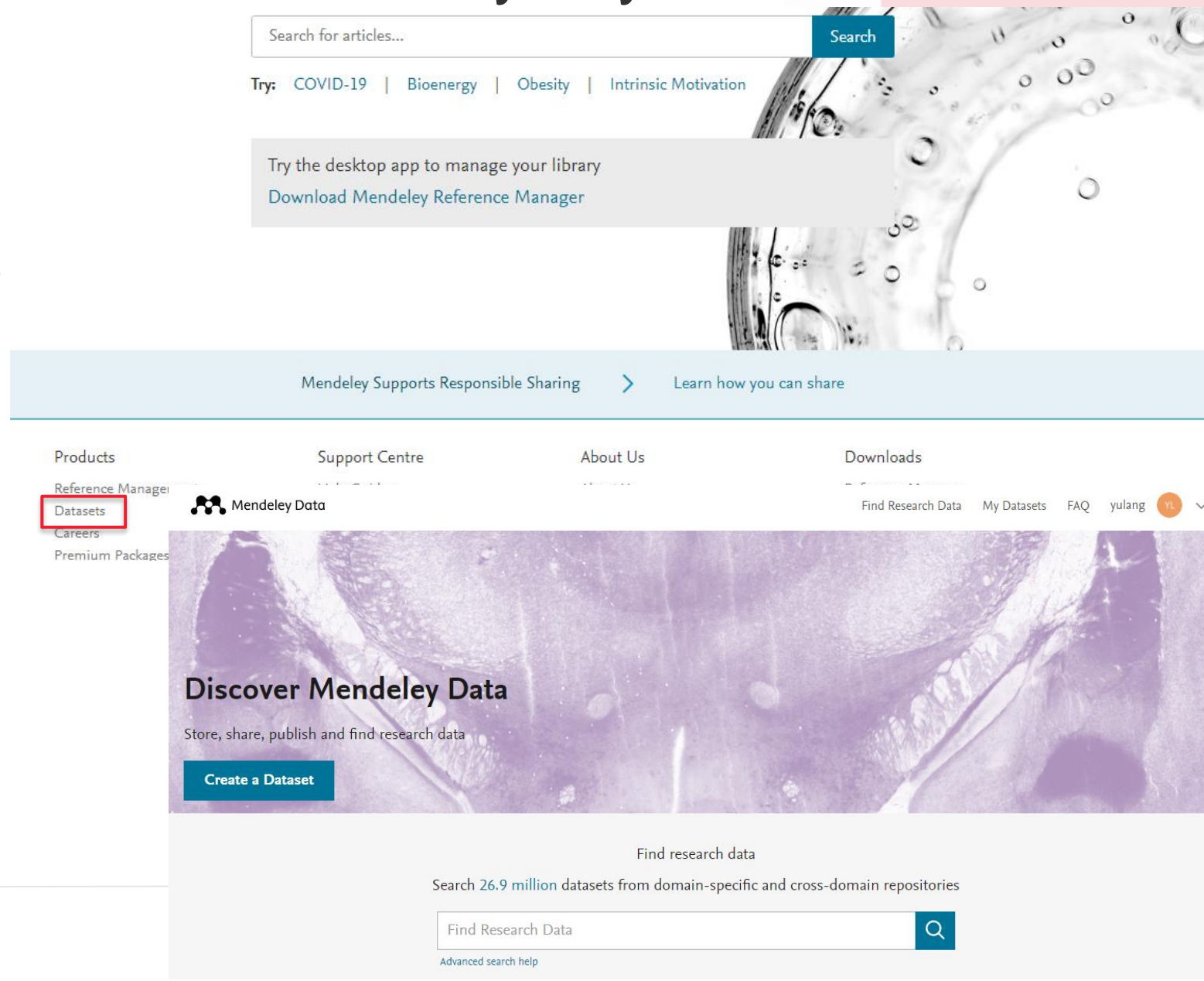
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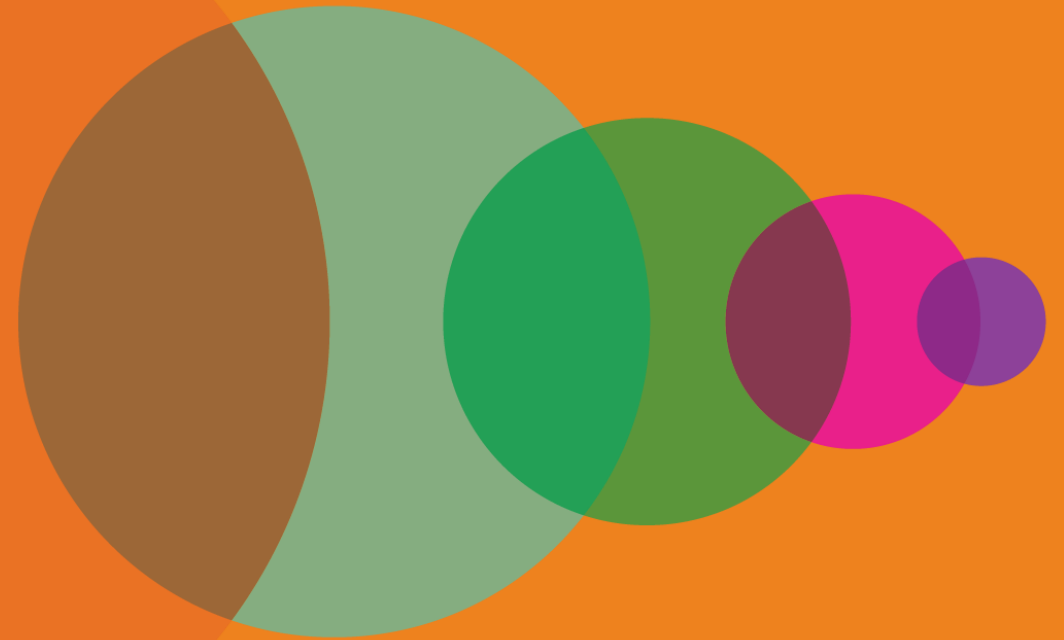
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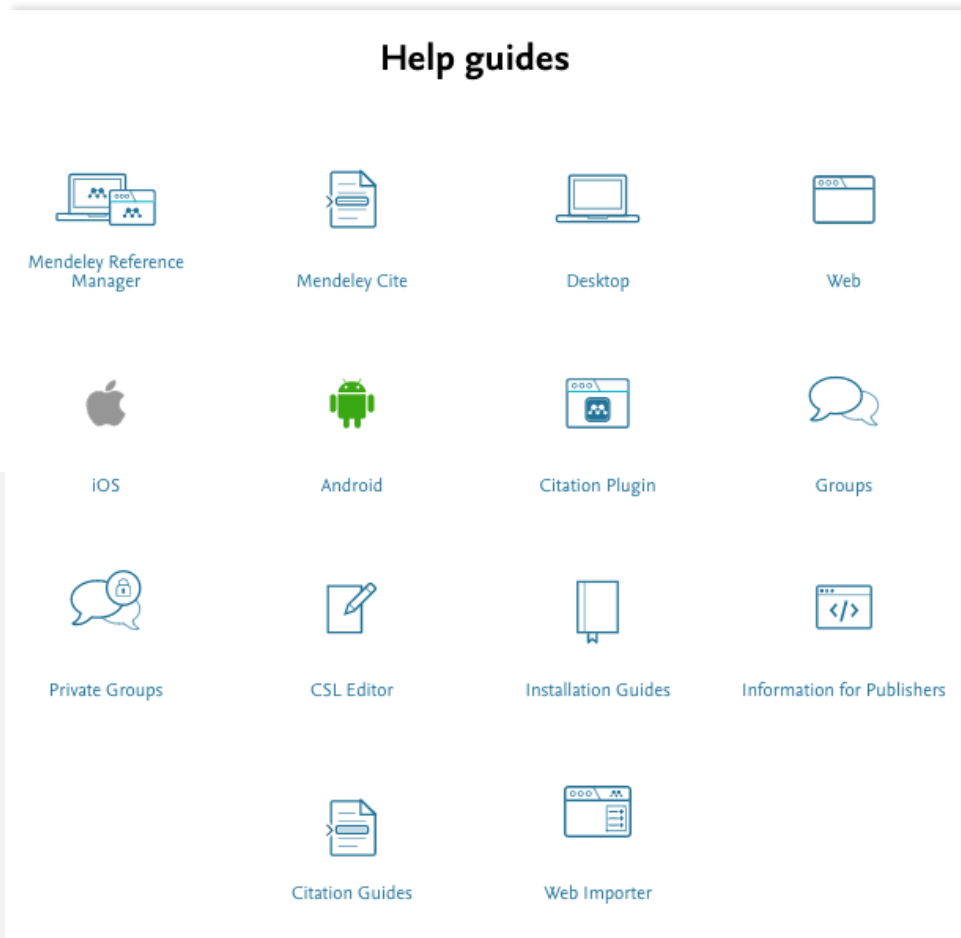
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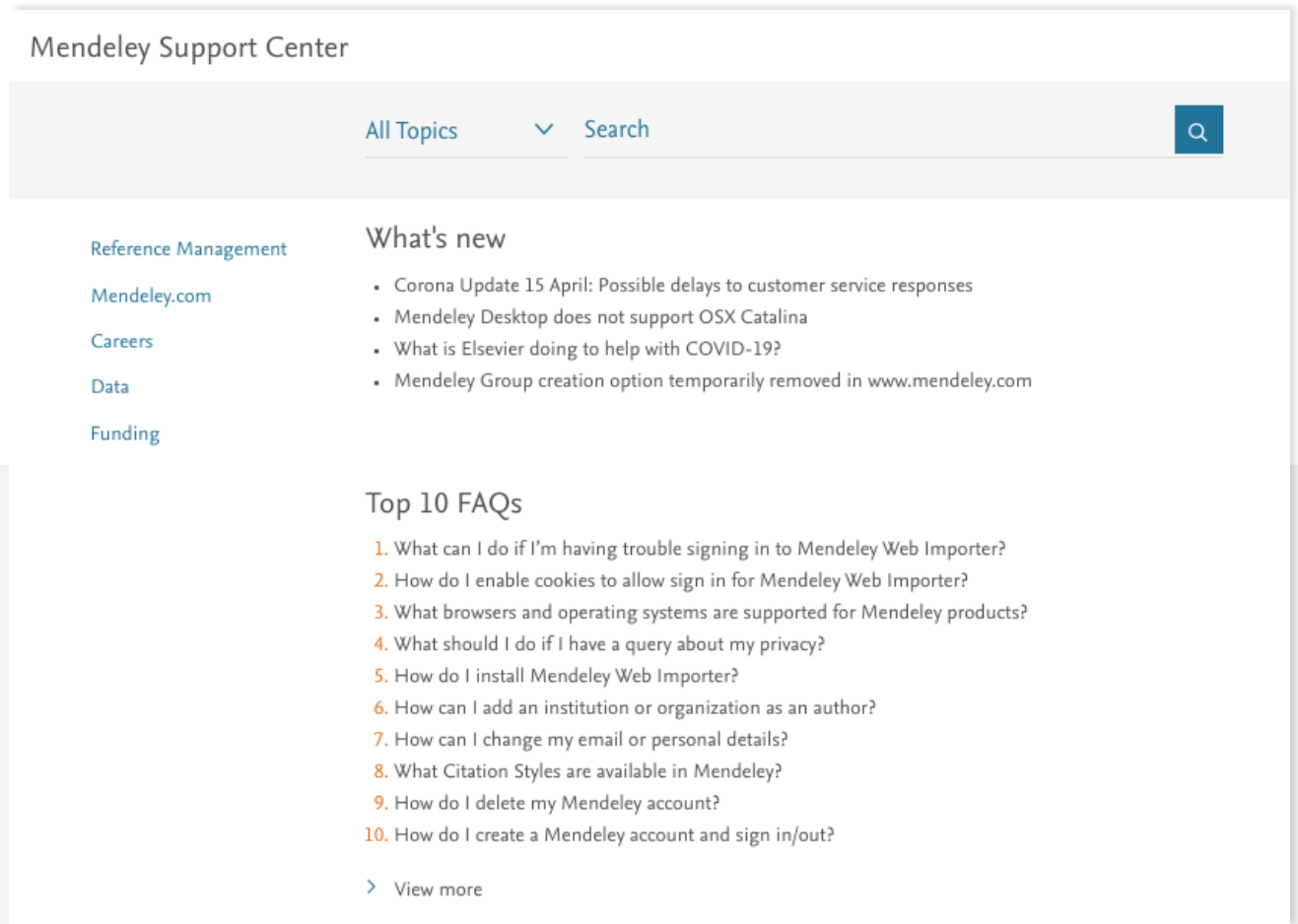
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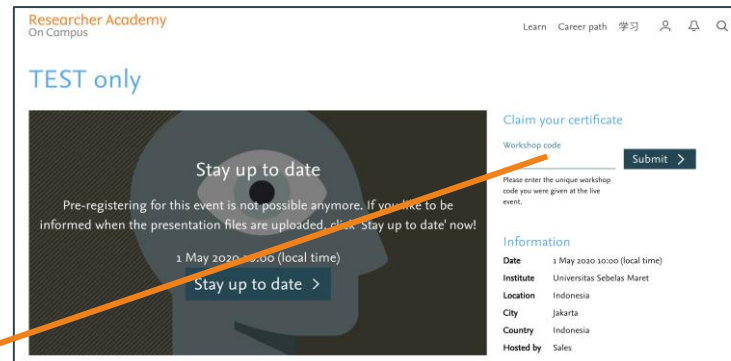
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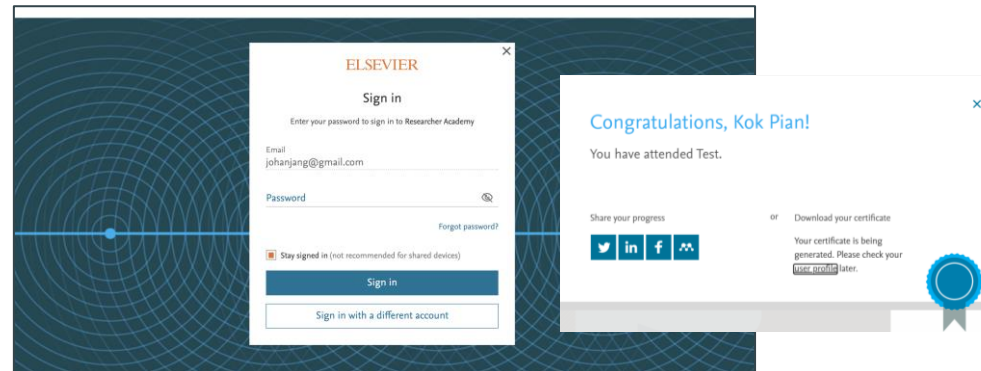
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