An Overview of Reference Managers

Reference Managers

Daniel Christe
Innovation Advisor, Elsevier

14 November 2018
About the speaker

Daniel Christe is an engineering researcher & educator by training and a member of Elsevier's Researcher Community team, where he blends his technical knowledge with a learner-centered pedagogical background to connect with researchers from just about every discipline imaginable in the global Mendeley Advisor program. His research interests are in design optimization for advanced manufacturing, enabling new frontiers in intelligent engineering materials.

Mechanical Engineering – MS, Drexel University
Materials Science – BS, Drexel University

@Daniel_Christe
How you spend your time:

- **Traveling**: (1.5 hours)
- **Eating & Drinking**: (1.0 hours)
- **Grooming**: (0.5 hours)
- **Sleeping**: (8.5 hours)
- **Leisure & Sports**: (3.7 hours)
- **Work & Related Activities**: (2.5 hours)
- **Educational Activities**: (3.3 hours)
- **Surfing the Internet**:
  - **Reading about Sports**
  - **Morning internet**
  - **Leisure & Sports**
- **Other** a.k.a. **Facebook**
- **Napping**
- **Surfing the Internet**
- **Use Survey of Full Time University Students.**
Reference Managers
Reference managers are an extension of YOU
Your personalized research assistants
the name poly jet. A UV light instantly cures the droplets creating ultra-thin layers on the build platform to form the 3D object. Complex prints require support, which should be removed manually. The post-curing of the final product is unnecessary. Its advantages include high resolution and simultaneous multi-material printing. It can also incorporate a selection of colors to produce multi-colored final product [85,86].

4. ASTM and ISO standards for mechanical testing of polymers

The ASTM Standards for testing of plastics include ASTM D638 for tensile test, the test specimens are dumbbell-shaped, and the properties usually obtained include tensile strength, yield strength, elongation at yield, elongation at break, and modulus of elasticity [87]. ASTM D412 is for the tensile test of vulcanized rubber and theroplastic elastomers [88]. ASTM D882 covers the tensile test for thin plastic sheeting [89]. Also, ASTM D3039 covers the tensile properties of polymer matrix composite materials, specifically those reinforced by high-modulus fibers [90]. The International Organization for Standardization developed the ISO 527 for the tensile characterization of plastics [91,92]. Further, ISO 37 covers a method for obtaining the tensile properties of theroplastic as well as vulcanized rubbers [93]. ASTM D790 covers the determination of flexural properties including the flexural strength and flexural modulus of plastic materials. It has two procedures, Procedure A is for materials that break at small deflections while Procedure B is for materials that break at large deflections [94]. ISO 178 covers the method for determining the flexural properties of rigid and semi-rigid plastics, similarly the flexural strength, flexural modulus parameters may be obtained using this standard [95]. ASTM D1938 covers the standard for the determination of the tear propagation resistance of a plastic film or sheeting of comparable thickness. The specimen is cut with two trouser legs. This method is not applicable for brittle plastics [96]. ISO has ISO 34-2:2015, referring to tear test standards for small sample pieces [97] and ISO 34-1:2010 for angle, crescent and trouser tear test pieces [98].

ASTM D695 covers the compressive test of rigid plastics, and the properties obtained include the compressive strength, modulus of elasticity, yield stress, deformation beyond yield point. The strain rates employed are relatively low [99]. ISO 3404 is the corresponding test standard by ISO [100].

ASTM D256 (for Izod Impact Test) and ASTM D6110 (for Charpy Impact Test) are methods to measure the impact resistance of notched plastic specimens using pendulum-type hammers [101,102]. ISO also has similar standards for notched impact test specimens for Izod and Charpy Impact tests [103-105].
There are many to choose from

- Mendeley
- ENDNOTE™
- RefWorks
- Zotero
- Citavi®
Interoperable
Choosing a Reference Manager

I want to collect citations & full-text articles

- Read, annotate & cite from one place
- Share references with my co-authors
- Access my research across multiple devices
- Edit reference styles for publishing in various journals & conferences
- Share my annotations with collaborators or the wider filed
- Store all my references in one place

Am I willing to pay or do I want a free solution?
Building a Library: Three Primary Modes

1. Manually
   Mostly needed for older materials

2. Database Transfer:
   e.g. Scopus, ScienceDirect, PubMed, Web of Science – =
   Bulk export possible as well

3. Drag & Drop
Building a Library: Manually
Building a Library: Export from Database

ScienceDirect

Outline
Abstract
Graphical abstract
Keywords
1. Introduction
2. Model
3. Simulation results
4. Discussion
5. Conclusions
Acknowledgements
Appendix A. Supplementary data
References

Show full outline ▼

Figures (9)

Direct export
- Save to Mendeley
- Save to ReFworks

Export file
Format
- RIS (for EndNote, Reference Manager, ProCite)
- BibTeX
- Text

Content
- Citation Only
- Citation and Abstract
.RIS: plain text file format for citation data, interoperable
    Most databases: e.g. ScienceDirect, Scopus, Engineering Village,
    IEEE Xplore, SpringerLink export .RIS

TY  - JOUR
AU  - Shannon, Claude E.
PY  - 1948/07//
TI  - A Mathematical Theory of Communication
T2  - Bell System Technical Journal
SP  - 379
EP  - 423
VL  - 27
ER  -
TY  - JOUR
T1  - On computable numbers, with an application to the Entscheidungsproblem
A1  - Turing, Alan Mathison
JO  - Proc. of London Mathematical Society
VL  - 47
IS  - 1
SP  - 230
EP  - 265
Y1  - 1937
ER  -
The opportunity of BETTER
Guide to reference managers: How to effectively manage your references

Mendeley for young researchers

Jorge Sinval
William James Center for Research, ISPA - Instituto Universitário
University of São Paulo
University of Porto
University of Lisbon

14 November 2018
About the speaker

• Jorge Sinval is a psychometrician and research assistant at the William James Center for Research, ISPA - Instituto Universitário. He has a special preference for quantitative methods, particularly, structural equation modeling. His research interests: psychometrics, organizational psychology, occupational health (i.e. evidence-based interventions to improve workers' health), epidemiology, and International large-scale assessments (e.g. TIMSS, PISA and PIRLS).

• Psychology (currently enrolled) – Double Ph.D., University of Porto and the University of São Paulo
• Epidemiology (currently enrolled) – MS, University of Lisbon
• Work and Organizational Psychology – MS, Catholic University of Portugal
• Psychology – BS, Catholic University of Portugal
Mendeley is much more than a reference manager

**Social** Academic Network

**Free** Academic Software

**Cross-Platform** (Win/Mac/Linux/Mobile)

**Collaborative**
How it works? Core features
Academic network

Groups
- Data analysis
- Agricultural and Biological Sciences
- Researcher Academy
- Structural equation modeling (SEM)
- Social Sciences

View all Groups

Connect with colleagues and join new communities

Professional experience + Add

- September 2018 - Present
  - Lecturer (Statistical Analysis II)
  - ISPA - Instituto Universitário

- April 2018 - Present
  - Psychometrician, Research Assistant
  - William James Center for Research, ISPA - Instituto Universitário

- September 2012 - Present
  - Advisor
  - Mendeley Ltd.

- April 2014 - April 2018
  - Collaborator
  - Center for Psychology at University of Porto

  - (4 years)

- February 2014 - April 2018
  - Researcher
  - Center of Research in Psychodiagnostics of FFCLRP-USP

  - (4 years)

- August 2013 - April 2018
  - Researcher
  - Psychosocial Rehabilitation Lab of FPCEUP

  - (3 years)

- March 2012

- April 2011 - July 2011
  - Research assistant
  - Faculty of Education and Psychology of Catholic University of Portugal

  - (3 months)

- September 2010 - April 2011
  - External researcher
  - Kuehne + Nagel

  - (7 months)

- Trainee Consultant
  - Egor, Human Resources
Collaboration: Groups

Message from iSCB

Establishing and Managing a Global Student Network
Avinash Shanmugam1,*, Geoff MacIntyre2
1 Department of Computational Medicine and Bioinformatics, University of Michigan, Ann Arbor, Michigan, United States of America, 2 The Centre for Neural Engineering, University of Melbourne, Parkville, Victoria, Australia

Overview
The Regional Student Groups (RSG) program is a network of student groups affiliated with the International Society of Computational Biology Student Council. While each RSG is encouraged to act independently and address the local needs of its regional student membership, a significant amount of effort is also invested in coordinating affiliation of these groups with the international student body, which provides long-term direction and facilitates communication between groups. Participating in a global student network provides students with an opportunity to network and connect with others around the globe. By sharing experiences within the network, students gain cultural insights and awareness of regional differences in scientific research and industry. In this article, we provide an overview of the tasks involved in setting up and managing this global student network for bioinformatics. We also highlight the benefits a global student network offers, in the hope that other fields can use this to create their own global student network.

Ricardo Vidal, M. Eng.
04/11/2014 15:26
Nice paper ! Might have pointers related to our advisor program.
Mendeley web catalog: Literature search

Papers

Results 1 - 20 of 4,679

Psychometrics Task View
Mair P, Hatzinger R

+ Add to library

Psychometrics
Strube M, Newman L, Lord A, Nguyen P

+ Add to library  ☏ Get full text at journal

Graphical methods for data analysis
Chambers J, Cleveland W, Kleiner B, Tukey P

With well over 300 million documents
Suggestions: People to follow and new references

Articles for you

**Neo-Piagetian Theories of Cognitive Development**
*Mascolo M*

N/A 85

Citations  
Readers

**Abstract**
Neo-Piagetian theories of cognitive development emerged as attempts to preserve core theoretical and empirically supported aspects of Jean Piaget's seminal theory of intellectual... View more

Add to library  
Get full text at journal  
Show similar articles

**Prosocial Behavior and Empathy**
*Dovidio J, Banfield J*

N/A 53

Citations  
Readers

**Abstract**
Both cognitive empathy (perspective taking) and emotional empathy (affective reactions to another person's need) are critical determinants of adult prosocial behavior. Empathy can elicit... View more

Add to library  
Get full text at journal  
Show similar articles

People to follow

**Claire van den Broek**
Mendeley Ltd.
Followed by people you follow
Follow

**Nelly Arfina**
State Islamic University of Ar-Raniry
Following the people you follow
Follow

**DAYANG SITI AISAH ABANG SUHAILI**
Universiti Malaysia Sarawak
Following the people you follow
Follow

Show more suggestions

Got a question?
Discover new research data, share, store, and publish

Discover Mendeley Data
Store, share, publish and find research data

Create a Dataset

Find research data
Search 9.9 million datasets from domain-specific and cross-domain repositories

Find Research Data

Or try: chip-seq drosophila, late quaternary sediment core or qubit oscillator frequency

Open research data repositories in our index
Discover Your Next Career Opportunity

Search 214,261 science and technology jobs on Mendeley Careers

e.g. Biomedical Science

Any location

Within 20 miles

Search

Get job alerts
Let us do the hard work. Sign up for our free service and get great jobs emailed to you.

Set up alert

Upload your CV
Upload your CV so our recruiters can match your details to the best available positions.

Upload now
Discover Your Next Funding Opportunity

Looking for your next funding opportunity? Search our index of 18,844 possibilities.

We collect information from 3,524 funders to bring you the latest, most relevant funding opportunities.
Thank you.

Ask your questions on:

Researcher Academy Mendeley group
Follow us on Twitter