

Aula Prática – Zotero



Zotero

- Zotero is a reference manager
- It integrates with Google Chrome to allow you to download references from digital libraries
- It integrates with your word processor (Word, Google Docs, etc) to allow you to manage the bibliography of your manuscript

Create a User



- Create a user at Zotero's website
- This will provide you an account where all your references will be stored
- You will be able to sync your references in several devices once you log into the client

Register

[Register for a free account](#) · [Log in to your account](#) · [Forgot your password?](#)

If you haven't already created a Zotero account, please take a few moments to register now. It's a **free** way to [sync and access your library from anywhere](#), and it lets you join [groups](#) and [back up all your attached files](#).

<https://www.zotero.org/<username>>

Login



zotero

[Groups](#)

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Your personal research assistant

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

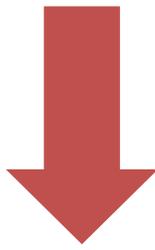
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Available for Mac, Windows, Linux, and [iOS](#)

Just need to create a quick bibliography? Try [ZoteroBib](#).

In your personal area...

- There are two important functionalities:
 - Web Library
 - Grupos



zotero

Web Library

Groups

Documentation

Forums

Get Involved

Vanessa Br...

Upgrade Storage

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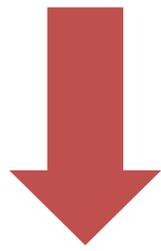
Web Library

zotero

Q | Title, Creator, Year



	Title	Creator	Date	
My Library				
teste				
My Publications				
Trash				
Group Libraries				
dew				
gems				
GPBD				
Metodologia				
urban-data				
	Algorithms for the Assignment and Transportation ...	Munkres	1957	
	Dynamic graph exploration by interactively linked n...	Burch et al.	2021-09-07	
	Efficient Evaluation of Multiple Queries on Streame...	Huo et al.	2006-01-01	
	Efficient Query Processing for Streamed XML Frag...	Huo et al.	2006-01-01	
	From Databases to Big Data	Madden	2012-05	
	Memory-Efficient Query Processing over XML Frag...	Lee et al.	2012-01-26	
	noWorkflow: A Tool for Collecting, Analyzing, and ...	Pimentel et al.	2017-08	
	Storing and Querying Ordered XML Using a Relatio...	Tatarinov et al.	2002	
	Tracking and Analyzing the Evolution of Provenanc...	Pimentel et al.	2016-06-07	
	XML Data Partitioning Strategies to Improve Paralle...	Machdi et al.	2009	



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collect, organize, annotate, cite, and share research.

Download

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Just need to create a quick bibliography? Try [ZoteroBib](#).



[Home](#) > [Groups](#)

Zotero Groups

[Search for Groups](#) · [Create a New Group](#)

dew

[Group Library](#)

[Manage Profile](#) · [Manage Members](#) · [Manage Library](#)

Members	14
Description	Grupo de Dados Semi-Estruturados da UFF
Group Type	Public, Closed Membership
Group Library	Anyone can view, only members can edit

gems

[Group Library](#)

Members	30
Description	Base de referências do grupo de evolução e manutenção de software (GEMS) da Universidade Federal Fluminense (UFF)

Groups

- Good way of sharing your references
- Ask your advisor if (s)he has a group already before creating one

Client

- Zotero needs to be installed in your computer

Download





Zotero 6 for Mac

Your personal research assistant

[Download](#)

[Other platforms](#)

[Installation Help](#)



Zotero Connector

Save to Zotero from your browser

[Install Chrome Connector](#)

Zotero Connectors automatically sense content as you browse the web and allow you to save it to Zotero with a single click.

[Zotero Connectors for other browsers](#)

Installation

- Install both the Zotero client and the Connector

Now...

- Open Zotero Client
- Log into your account

Sync



General



Sync



Search



Export



Cite



Advanced

Settings

Reset

Data Syncing

Username: braganholo [Unlink Account...](#)

[Choose Libraries...](#)

Sync automatically

Sync full-text content

[About Syncing](#)

File Syncing

Sync attachment files in My Library using [Zotero](#)

Download files [as needed](#)

Sync attachment files in group libraries using Zotero storage

Download files [at sync time](#)

By using Zotero storage, you agree to become bound by its [terms and conditions](#).



Now let's use the Chrome connector

- Let's download some references...

Search for the paper you want

- When looking at a paper in a digital library (ACM, IEEE Explore, etc), Zotero will recognize it and will be ready to download the reference for you

Home > Collections > Hosted Content > Proceedings of the VLDB Endowment > Vol. 10, No. 12 > noWorkflow: a tool for collecting, analyzing, and managing provenance from python scripts

RESEARCH-ARTICLE

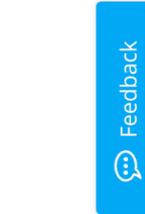


noWorkflow: a tool for collecting, analyzing, and managing provenance from python scripts

Authors: João Felipe Pimentel, Leonardo Murta, Vanessa Braganholo, Juliana Freire [Authors Info & Claims](#)

Proceedings of the VLDB Endowment, Volume 10, Issue 12 • pp 1841–1844
• <https://doi.org/10.14778/3137765.3137789>

Published: 01 August 2017 [Publication History](#)



The image shows a browser window with a single tab titled "noWorkflow: a tool for collecti...". The address bar is empty. The toolbar contains a star icon for bookmarks, a document icon, a green circular icon, a blue graduation cap icon, a multi-colored document icon, a grey 'm' icon, a checkmark icon, a red envelope icon with a '1' notification, a puzzle piece icon, a profile picture, and a three-dot menu. Below the toolbar is a bookmarks bar with entries: "IT 2026", "JCR", "Id UFF", and "Portal de Periódic...". To the right of the bookmarks bar is a folder icon labeled "All Bookmarks".

A dialog box is open in the center of the screen, titled "Saving to". It features a dropdown menu currently set to "My Library" and a smaller dropdown arrow to its right. Below the title bar, there is a document icon followed by the text "noWorkflow: a tool for collecting, analyzing, an...".

The background page is dark-themed and partially obscured by the dialog box. Visible text includes "people" on the left, "Search ACM Digital Library" in the center, and "Advanced Search" on the right. Below this, a light grey navigation bar contains the links "Archive", "Author List", "Affiliations", and "Award Winners".

o, No. 12 > *noWorkflow: a tool for collecting, analyzing, and managing provenance from python*



My Library

▼ My Library

- teste
- My Publications
- Duplicate Items
- Unfiled Items
- Trash

Group Libraries

▼ dew

- Complexity
- Controle de Experimentos em ES
- Data Mining
- Deduplicação
- Desambiguação
- Digital Library
- HDFS
- Heurística
- Informação
- LCS
- MaturidadeEmPesquisa
- Método Indutivo
- Metodologia Científica
- Metrica em Software
- MetricaNaCiencia
- ModelosNaCiência
- Navalha de Occam
- PensamentoSistêmico
- PlataformaLattes

Artificial Intelligence (incl. Robotics)

big data Business Information Systems

COMPUTER networks -- Scalability

data processing

Title	Creator
Algorithms for the Assignment and Transportation Problems	Munkres
Dynamic graph exploration by interactively linked node-link diagrams and matrix visualizations	Burch et al.
▶ Efficient Evaluation of Multiple Queries on Streamed XML Fragments	Huo et al.
▶ Efficient Query Processing for Streamed XML Fragments	Huo et al.
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▶ Tracking and Analyzing the Evolution of Provenance from Scripts	Pimentel et al.
▶ XML Data Partitioning Strategies to Improve Parallelism in Parallel Holistic Twig Joins	Machdi et al.

Info Notes Related

Item Type Journal Article

Title noWorkflow: a tool for collecting, analyzing, and managing provenance from python scripts

▼ Author Pimentel, João Felipe

▼ Author Murta, Leonardo

▼ Author Braganholo, Vanessa

▼ Author Freire, Juliana

Abstract We present noWorkflow, an open-source tool that systematically and transparently collects provenance from Python scripts, including data about the script execution and how the script evolves over time. During the demo, we will show how noWorkflow collects and manages provenance, as well as how it supports the analysis of computational experiments. We will also encourage attendees to use noWorkflow for their own scripts.

Publication Proceedings of the VLDB Endowment

Volume 10

Issue 12

Pages 1841-1844

Date Agosto 1, 2017 d y

Series

Series Title

Series Text

Journal Abbr Proc. VLDB Endow.

Language

DOI 10.14778/3137765.3137789

ISSN 2150-8097

Short Title noWorkflow

URL <https://doi.org/10.14778/3137765.3137789>

Accessed 6/11/2024, 9:39:27 AM

Archive

Loc. in Archive

Library Catalog ACM Digital Library

Call Number

Rights

Extra

Now download a few more
references...

Let's add some formatting styles



- Go to the Zotero Styles webpage
- Search for the style you need
- Click on it to install it

Zotero Style Repository

Here you can find [Citation Style Language](#) 1.0.2 citation styles for use with [Zotero](#) and other CSL 1.0.2-compatible software. For more information on using CSL styles with Zotero, see the [Zotero wiki](#).

Style Search

Format:

Fields:

Show only unique styles

47 styles found:

- [ACM Computing Surveys](#) (2017-07-09 19:14:54)
- [ACM Journal on Emerging Technologies in Computing Systems](#) (2017-07-09 19:14:54)
- [ACM SIG Proceedings \("et al." for 15+ authors\)](#) (2023-07-13 21:22:54)
- [ACM SIG Proceedings \("et al." for 3+ authors\)](#) (2023-07-13 21:22:38)
- [ACM SIGCHI Proceedings - Extended Abstract Format](#) (2017-01-15 15:53:01)
- [ACM SIGCHI Proceedings \(2016\)](#) (2016-10-30 03:15:40)
- [ACM SIGGRAPH](#) (2014-09-06 22:02:33)
- [ACM Transactions on Accessible Computing](#) (2017-07-09 19:14:54)
- [ACM Transactions on Algorithms](#) (2017-07-09 19:14:54)
- [ACM Transactions on Applied Perception](#) (2017-07-09 19:14:54)
- [ACM Transactions on Architecture and Code Optimization](#) (2017-07-09 19:14:54)
- [ACM Transactions on Asian Language Information Processing](#) (2017-07-09 19:14:54)
- [ACM Transactions on Autonomous and Adaptive Systems](#) (2017-07-09 19:14:54)

**Fields:**

generic-base

medicine

social_science

 Show only unique styles

Citations

(HISAKATA; NISHIDA; JOHNSTON, 2016; HOGUE, 2001; MUSK, 2006; SAMBROOK; RUSSELL, 2001)

Bibliography

HISAKATA, R.; NISHIDA, S.; JOHNSTON, A. An adaptable metric shapes perceptual space. *Current Biology*, v. 26, n. 14, p. 1911–1915, 25 jul. 2016. Disponível em:

<[http://www.cell.com/current-biology/abstract/S0960-9822\(16\)30544-9](http://www.cell.com/current-biology/abstract/S0960-9822(16)30544-9)>. Acesso em: 3 out. 2016.

HOGUE, C. W. V. Structure databases. In: BAXEVANIS, A. D.; OUELLETTE, B. F. F. (Org.). *Bioinformatics*. Life Sciences Series. 2. ed. New York, NY: Wiley-Interscience, 2001. p. 83–109.

MUSK, E. *The secret Tesla Motors master plan (just between you and me)*. Disponível em:

<<https://www.tesla.com/blog/secret-tesla-motors-master-plan-just-between-you-and-me>>. Acesso em: 29 set. 2016.

SAMBROOK, J.; RUSSELL, D. W. *Molecular cloning: a laboratory manual*. 3. ed. Cold Spring Harbor, NY: CSHL Press, 2001.

- [Assoc](#)
- [Assoc](#)
- [Escol](#)
- [Escol](#)
- [Instit](#)
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- [Unive](#)

(2021-02-15 03:41:57)

):21)

(2022-04-14 12:26:14)

(2021-02-15 03:41:57)

(2021-12-27 02:44:38)

• [Universidade Federal de Minas Gerais - Faculdade de Ciências Econômicas - ABNT \(autoria abreviada\) \(Português - Brasil\)](#) (2021-02-15 03:41:57) [Link](#) [Source](#)

• [Universidade Federal de Minas Gerais - Faculdade de Ciências Econômicas - ABNT \(autoria completa\) \(Português - Brasil\)](#) (2021-02-15 03:41:57)

It is now time to start writing and citing!

- Open your Word Processor app

I'm gonna use Google Docs

The image shows a browser window with several tabs open: 'Inbox - vanessa.braganholo', 'Google Calendar', 'noWorkflow: a tool for col', and 'Untitled document - Google Docs'. The address bar shows the URL 'docs.google.com/document/d/1fBzsv_sRA...'. The Google Docs interface is visible, featuring a menu bar (File, Edit, View, Insert, Format, Tools, Extensions, Zotero, Help), a toolbar with various editing tools, and a main editing area. A red arrow points to the 'Untitled document' tab. The main editing area contains a ruler and a sidebar with options like 'Meeting notes', 'Email draft', and 'More'.



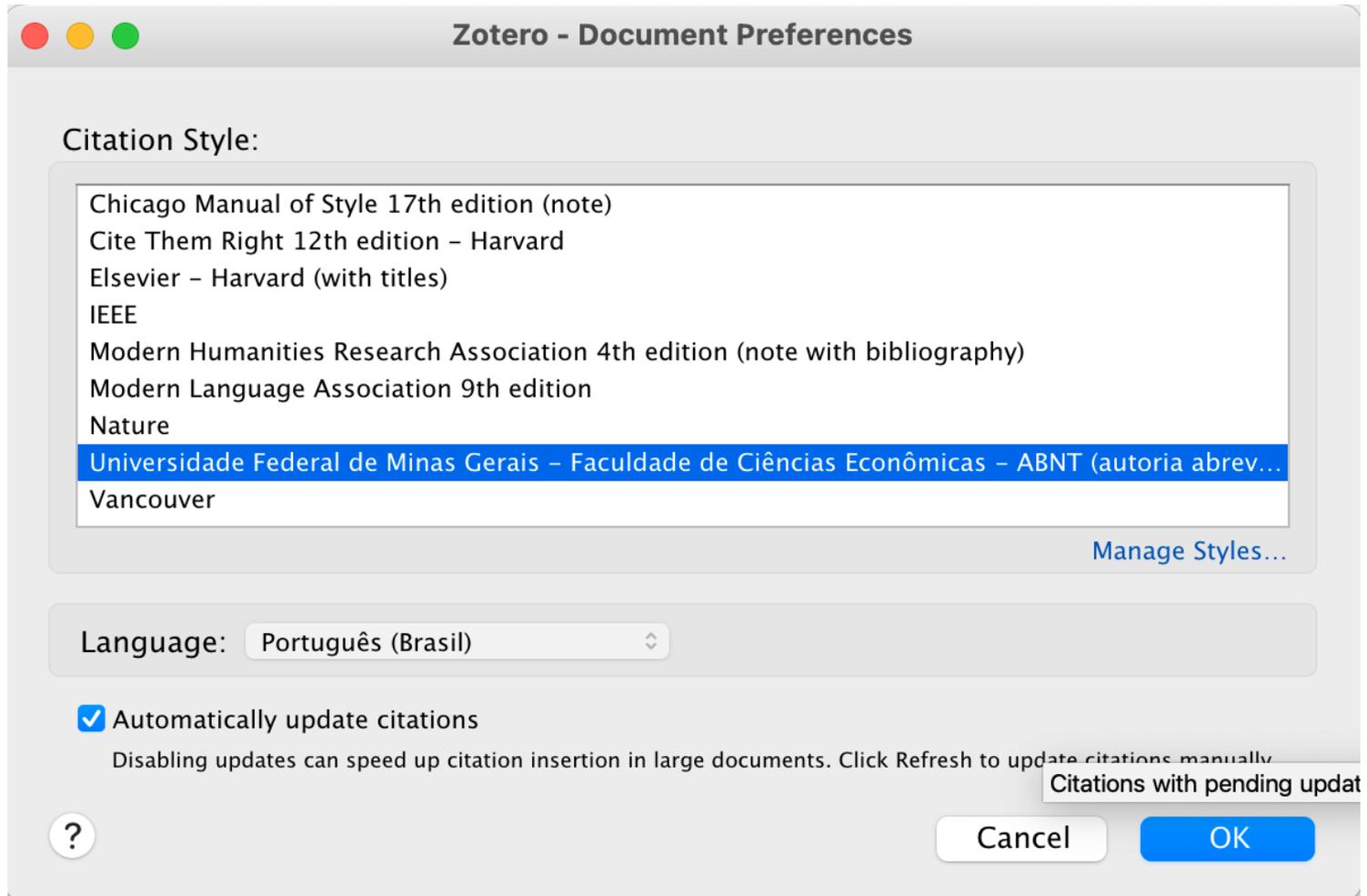
- Add/edit citation...
- Add note...
- Add/edit bibliography
- Document preferences...
- Refresh
- Switch word processors...
- Unlink citations...



1. Introduction

I'm going to cite a paper now...

Choose a Formatting Style



Type the title or author you want to cite

The screenshot shows a library application window titled "My Library". On the left is a sidebar with a tree view of folders: "teste", "My Publications", "Duplicate Items", "Unfiled Items", "Trash", "Group Libraries", and "dew". The "dew" folder is expanded, showing sub-folders like "Complexity", "Controle de Experimentos em ES", "Data Mining", "Deduplicação", "Desambiguação", "Digital Library", "HDF5", "Heurística", "Informação", "LCS", and "MaturidadeEmPesquisa".

The main area displays a table of publications with columns for "Title" and "Creator". The "noWorkflow: a tool for collecting, analyzing, and managing provenance from python scripts" entry is highlighted. A red search bar with a magnifying glass icon is overlaid at the bottom of the table.

Title	Creator
Algorithms for the Assignment and Transportation Problems	Munkres
Dynamic graph exploration by interactively linked node-link diagrams and matrix visualizations	Burch et al.
▶ Efficient Evaluation of Multiple Queries on Streamed XML Fragments	Huo et al.
▶ Efficient Query Processing for Streamed XML Fragments	Huo et al.
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▶ Tracking and Analyzing the Evolution of Provenance from Scripts	Pimentel et al.
▶ XML Data Partitioning Strategies to Improve Parallelism in Parallel Holistic Twig Joins	Machdi et al.

Search bar:

Info panel (right):
Item Type: Jour
Title: noW
analy
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▶ Author: Murt
▶ Author: Brag
▶ Author: Freir
Abstract: We p
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Publication: Procc
Volume: 10
Issue: 12
Pages: 1841

My Library

Search: All Fields & Tags

Title	Creator
Algorithms for the Assignment and Transportation Problems	Munkres
Dynamic graph exploration by interactively linked node-link diagrams and matrix visualizations	Burch et al.
▶ Efficient Evaluation of Multiple Queries on Streamed XML Fragments	Huo et al.
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Group Libraries

- dew
 - Complexity
 - Controle de Experimentos em ES
 - Data Mining
 - Deduplicação
 - Desambiguação
 - Digital Library
 - HDF5
 - Heurística
 - Informação
 - LCS
 - MaturidadeEmpesquisa
 - Método Indutivo
 - Metodologia Científica
 - Metrica em Software
 - MetricaNaCiencia
 - ModelosNaCiência
 - Navalha de Occam
 - PensamentoSistêmico
 - PlataformaLattes

Artificial Intelligence (incl. Robotics)
big data Business Information Systems
COMPUTER networks -- Scalability
data processing

Z ▾ nowor

My Library

noWorkflow: a tool for collecting, analyzing, and managing provenance from python scripts
Pimentel et al. (2017), *Proceedings of the VLDB Endowment*, 10(12), 1841-1844.

gems

noWorkflow: Capturing and Analyzing Provenance of Scripts
Murta et al. (2014), *International Provenance and Annotation Workshop (IPAW)*, Springer Cham: Cologne, Germany, 71-83.

Yin & Yang: demonstrating complementary provenance from noWorkflow & YesWorkflow
Pimentel et al. (2016), *International Provenance and Annotation Workshop (IPAW)*, Springer International Publishing: McLean, USA, 161-165.

Collecting and Analyzing Provenance on Interactive Notebooks: When IPython Meets noWorkflow
Pimentel et al. (2015), *Workshop on the Theory and Practice of Provenance (TaPP)*, USENIX: Edinburgh Scotland.

noWorkflow: a tool for collecting, analyzing, and managing provenance from python scripts
Pimentel et al. (2017), *Proceedings of the VLDB Endowment*, 10(12), 1841-1844.

dew

noWorkflow: Capturing and Analyzing Provenance of Scripts
Murta et al. (2014), *5th International Provenance and Annotation Workshop*, 1-12.

GPBD

noWorkflow: Capturing and Analyzing Provenance of Scripts
Murta et al. (2014), *International Workshop on Provenance Annotation (IPAW)*, 1-12.

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▶ XML Data Partitioning Strategies to Improve Parallelism in Parallel Holistic Twig Joins	Machdi et al.

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Z Pimentel et al., 2017

Press ENTER once you are done



100% ▾

Normal text ▾

Arial ▾



11



B

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1. Introduction

I'm going to cite a paper now... (PIMENTEL *et al.*, 2017)

Now let's insert more than one...

The screenshot shows a software interface with a list of papers on the left and a search bar on the right. The list of papers includes:

- noWorkflow: a tool for collecting, analyzing, and managing provenance from python scripts (Pimentel et al.)
- Storing and Querying Ordered XML Using a Relational Database System (Tatarinov et al.)
- Tracking and Analyzing the Evolution of Provenance from Scripts (Pimentel et al.)
- XML Data Partitioning Strategies to Improve Parallelism in Parallel Holistic Twig Joins (Machdi et al.)

The search bar on the right contains the following results:

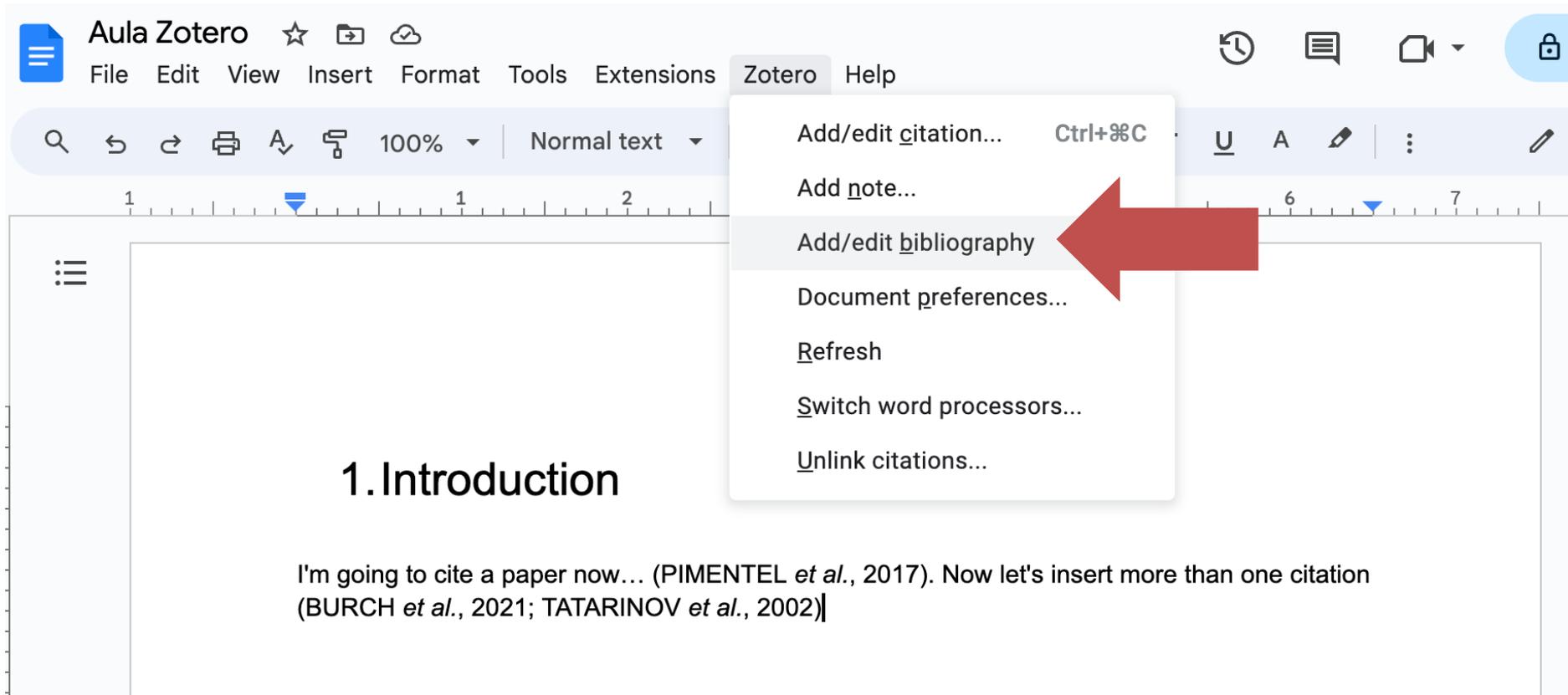
- Burch et al., 2021
- Tatarinov et al., 2002

▼ Author B
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Issue 1
Pages 1
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Conte

1. Introduction

I'm going to cite a paper now... (PIMENTEL *et al.*, 2017). Now let's insert more than one citation (BURCH *et al.*, 2021; TATARINOV *et al.*, 2002)|

Now let's add the bibliography



The screenshot shows the Zotero application window. The title bar reads 'Aula Zotero'. The menu bar includes 'File', 'Edit', 'View', 'Insert', 'Format', 'Tools', 'Extensions', 'Zotero', and 'Help'. The 'Zotero' menu is open, displaying the following options: 'Add/edit citation...' (with keyboard shortcut Ctrl+⌘C), 'Add note...', 'Add/edit bibliography' (highlighted with a red arrow), 'Document preferences...', 'Refresh', 'Switch word processors...', and 'Unlink citations...'. The main text area contains the heading '1. Introduction' and the text: 'I'm going to cite a paper now... (PIMENTEL *et al.*, 2017). Now let's insert more than one citation (BURCH *et al.*, 2021; TATARINOV *et al.*, 2002)'. The interface also shows a search bar, navigation icons, a zoom level of 100%, and a text style dropdown set to 'Normal text'.

1. Introduction

I'm going to cite a paper now... (PIMENTEL *et al.*, 2017). Now let's insert more than one citation (BURCH *et al.*, 2021; TATARINOV *et al.*, 2002)

|

References

BURCH, M. *et al.* Dynamic graph exploration by interactively linked node-link diagrams and matrix visualizations. *Visual Computing for Industry, Biomedicine, and Art*, v. 4, n. 1, p. 23, 7 set. 2021.

PIMENTEL, J. F. *et al.* noWorkflow: a tool for collecting, analyzing, and managing provenance from python scripts. *Proceedings of the VLDB Endowment*, v. 10, n. 12, p. 1841–1844, Agosto 2017.

TATARINOV, I. *et al.* Storing and Querying Ordered XML Using a Relational Database System. SIGMOD '02, 2002, New York, NY, USA. *Anais...* New York, NY, USA: ACM, 2002. p. 204–215. Disponível em: <<http://doi.acm.org/10.1145/564691.564715>>. Acesso em: 13 dez. 2013.

Cite Year Only

Z Pimentel et al., 2017

noWorkflow: a tool for collecting, analyzing, and managing provenance from python scripts

Pimentel et al. (2017), *Proceedings of the VLDB Endowment*

Page

Prefix:

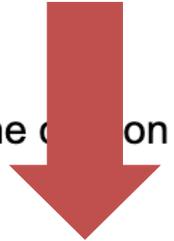
Suffix:

Omit Author

Open in My Library

1. Introduction

I'm going to cite a paper now... (PIMENTEL *et al.*, 2017). Now let's insert more than one citation (BURCH *et al.*, 2021; TATARINOV *et al.*, 2002).



Now, I want the author's name outside the parenthesis since it will be part of a sentence. (2017)

Edit the text to insert author's name

1. Introduction

I'm going to cite a paper now... (PIMENTEL *et al.*, 2017). Now let's insert more than one citation (BURCH *et al.*, 2021; TATARINOV *et al.*, 2002).

Now, I want the author's name outside the parenthesis since it will be part of a sentence.
Pimentel *et al.*, (2017)...]

References

BURCH, M. *et al.* Dynamic graph exploration by interactively linked node-link diagrams and matrix visualizations. *Visual Computing for Industry, Biomedicine, and Art*, v. 4, n. 1, p. 23, 7 set. 2021.

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Fixing Problems

- When you notice a problem in your reference, edit it directly in Zotero's Client

1. Introduction

I'm going to cite a paper now... (PIMENTEL *et al.*, 2017). Now let's insert more than one citation (BURCH *et al.*, 2021; TATARINOV *et al.*, 2002).

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Pimentel *et al.*, (2017)...|

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PIMENTEL, J. F. *et al.* noWorkflow: a tool for collecting, analyzing, and managing provenance from python s  *eedings of the VLDB Endowment*, v. 10, n. 12, p. 1841–1844, Agosto 2017.

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References

BURCH, M. *et al.* Dynamic graph exploration by interactively linked node-link diagrams and matrix visualizations. *Visual Computing for Industry, Biomedicine, and Art*, v. 4, n. 1, p. 23, 7 set. 2021. |

PIMENTEL, J. F. *et al.* noWorkflow: a tool for collecting, analyzing, and managing provenance from Python scripts. *Proceedings of the VLDB Endowment*, v. 10, n. 12, p. 1841–1844, Agosto 2017.

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Groups

- When you are part of a group, make sure you
 - Save new references to the group instead of to your personal library
 - Cite references from the group

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