

# Citation Tracking: tools and approaches

Louise Farragher, Senior Information Specialist, HRB  
HSLG: Open to Change, Ashling Hotel, 24 March 2022



Research.



# Acknowledgements

- Julie Glanville, Independent Consultant
- Alison Weightman, Cardiff University
- Caitriona Lee, HRB
- Neal Haddaway, SEI Stockholm
- Aaron Tay's Musings about librarianship
- The Scholarly Kitchen
- #medlibs on Twitter



# Agenda

- Citation tracking
- Sources
- Tools
- Conclusions



# Citation tracking

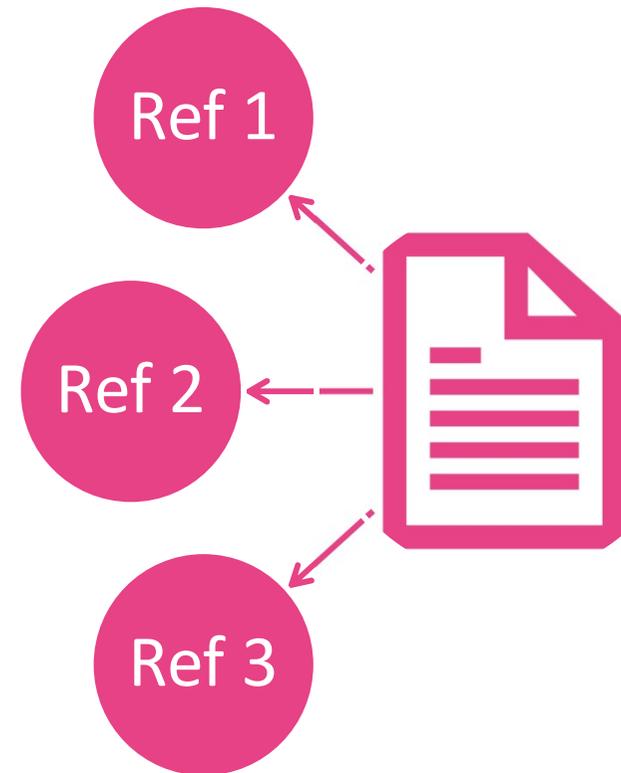


- Citation tracking is an umbrella term for multiple methods which directly or indirectly collect related references from so-called "seed references". (Hirt et al)
- Citation tracking is also called **citation analysis** or **cited reference searching** - a way of measuring the relative impact of an author, article, or publication, by counting the number of times that author, article, or publication has been cited by other publications.

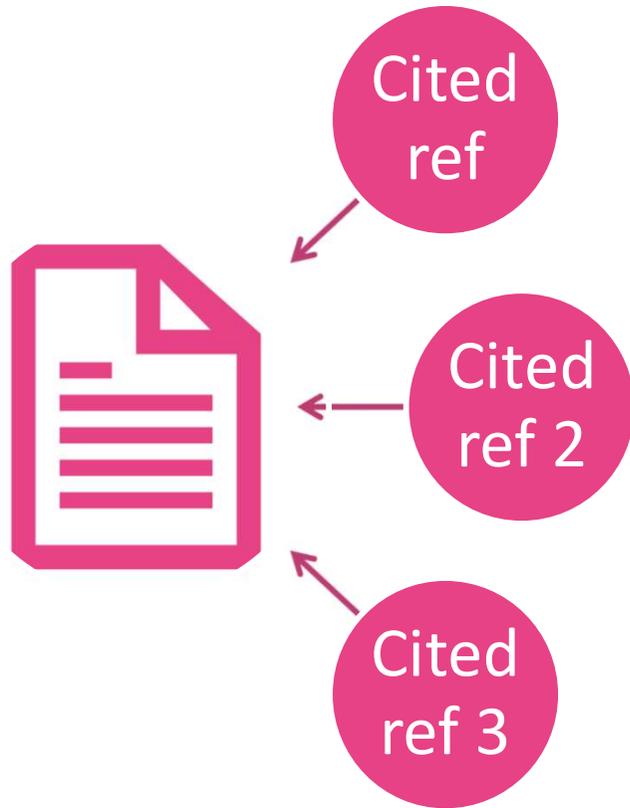


# Backwards citation searching (reference chasing)

- Use a reference list or bibliography from journal articles, reports etc. to identify sources
- Locating what has been identified as relevant
- These sources will be **older** than the source citing them



# Forwards citation searching (cited reference searching)



- Forward citation searching (or cited reference searching) is, essentially, the inverse of backward citation searching!
- Use the seed paper as the starting point and identify the sources who have cited it.
- These sources will be **newer** than the seed paper.
- Only some databases are capable of doing this. They are often referred to as a “citation indices” or “citation databases”.



# Who?

- **Librarians and Information Specialists**

- As a starting point when scoping a topic

- As part of a SR, scoping review or significant lit review



- **Researchers**

- As a starting point when scoping a topic

- As part of a SR or significant lit review



- **Students**

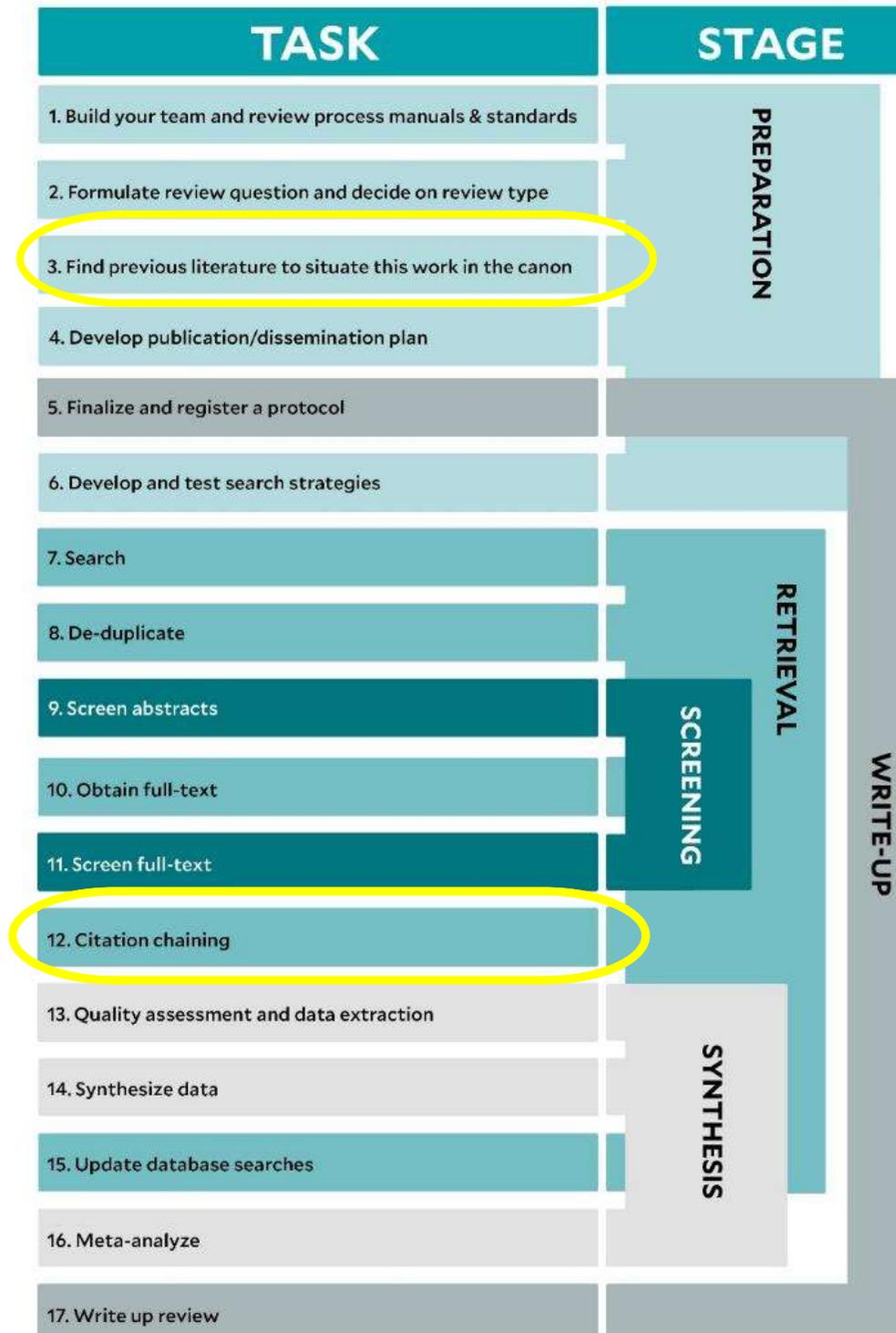
- As a starting point when scoping a topic

- As part of a lit review



# When?

## The Systematic Review Process



Citation chasing of key papers and SRs

Citation chasing of included studies



# Citation Tracking (Hirt et al)

- Direct backward citation tracking of cited references is currently the most common citation tracking method.
- Recent guidance suggests that a combination of several methods (Forwards, backwards and co-cited reference searching) may be the most effective way to use citation tracking for systematic reviewing
- It is quite likely that the added value of any form of citation tracking is not the same for all systematic reviews
- Citation tracking may be beneficial in research areas that require complex searches such as reviews of complex interventions, mixed-methods reviews, qualitative evidence syntheses, or reviews on public health topics.
- Research areas without consistent terminology or with vocabulary overlaps with other fields, such as methodological topics, may also benefit from the use of citation tracking
- Hence, tailored and evidence-guided recommendations on the use of citation tracking are strongly needed



# Sources and Tools

- There is a growing range of new sources and tools to improve our ability to do citation tracking, however, no single database covers all works that cite other works.
- Searching across several databases is necessary to ensure complete coverage.
- Sources – where do you search
- Tools – What to use to interrogate /analyse the references



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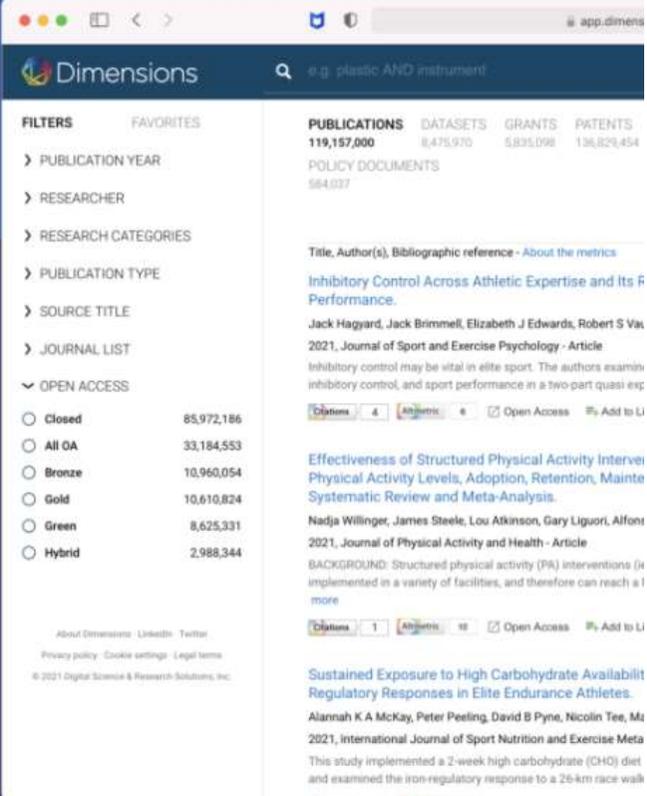
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Publication - Article

## Methods for prevention of early childhood caries: Overview of systematic reviews

International Journal of Paediatric Dentistry, 31(3), 394-421 - February 2021

<https://doi.org/10.1111/ipd.12766>

### Authors

[Renata Cristina Soares](#) - Pontificia Universidade Católica do Paraná

[Saulo Vinicius Rosa](#) - Pontificia Universidade Católica do Paraná

[Simone Tetu Moysés](#) - Pontificia Universidade Católica do Paraná

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### Abstract

Early childhood caries (ECC) is a global problem, disproportionately affecting disadvantaged populations. The aim of this study was to evaluate systematically the available scientific evidence on the effectiveness of methods for ECC prevention. Six electronic databases were searched. Two independent reviewers selected the publications and analysed the quality of the included systematic reviews. Thirteen studies were included. Overall, eight reviews were classified with methodological quality critically low using the AMSTAR 2, whereas five reviews achieved a high risk of bias using the ROBIS tool. The methods identified that were positively related to the prevention of ECC were as follows: preventive dental programmes for pregnant women; advice on diet and feeding; prenatal oral health care; integration of maternal and children's oral health promotion into nursing practice; maternal oral health programmes undertaken by non-dental health professionals; dental health education in

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### Acknowledgements

This study was financed in part by the Coordenação de Aperfeiçoamento de Pessoal de Nível Superior—Brazil (CAPES)—Finance Code 001.

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### [Preferred Reporting Items for Overviews of Reviews \(PRIOR\): a protocol for development of a reporting guideline for overviews of reviews of healthcare interventions](#)

[Michelle Pollock](#), [Ricardo M. Fernandes](#), [Dawid Pieper](#), [Andrea C. Tricco](#), [Michelle Gates](#), [Allison Gates](#), [Lisa Hartling](#)

2019, Systematic Reviews - Article

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[Elisha Riggs](#), [Nicky Kilpatrick](#), [Linda Slack-Smith](#), [Barbara Chadwick](#), [Jane Yelland](#), [M S Muthu](#), [Judith C Gomersall](#)

2019, Cochrane Database of Systematic Reviews - Article

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P. Hasslöf, L. Granqvist, C. Stecksén-Blicks, S. Twetman

2022, Probiotics and Antimicrobial Proteins - Article

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## Parents' Willingness to Invest in Primary Oral Health Prevention for Their Preschool Children

Peggy C.J.M. van Spreuwel, Katarina Jerković-Čosić, Cor van Loveren, Geert J.M.G. van der Heijden

2021, International Journal of Environmental Research and Public Health - Article

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## Education Regarding and Adherence to Recommended Nutrition Guidelines among Dental Students

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 The aim of this study was to evaluate the effect of drops containing probiotic bacteria on the recurrence of dental caries in preschool children. The study employed a randomized, placebo-controlled, d... more  
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**Parents' Willingness to Invest in Primary Oral Health Prevention for Their Preschool Children**

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 2021, International Journal of Environmental Research and Public Health - Article  
 There is growing evidence for the beneficial effects of starting oral health prevention early in life. Preventing dental caries in very young children requires considerable investment from parents. Th... more  
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**Education Regarding and Adherence to Recommended Nutrition Guidelines among Dental Students**

Camille Frayna, Christoffer Devantier, Braden Harris, Karl Kingsley, Joshua M. Polanski  
 2021, Dentistry Journal - Article  
 The Dietary Guidelines for Americans (DGA) were developed to reduce or prevent many types of chronic illness, including cancer, heart disease and diabetes. Healthcare provider recommendations may be l... more  
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**Early Childhood Caries Experience Associated with Upper Respiratory Infection in US Children: Findings from a Retrospective Cohort Study.**

A Albelali, T T Wu, H Malmstrom, J Xiao  
 2021, Journal of Pediatrics & Child Health Care - Article  
 Introduction: Both Early Childhood Caries (ECC) and Upper Respiratory Infection (URI) are infectious diseases. The oral cavity is considered a potential reservoir of respiratory pathogens due to the a... more  
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**Pre-schoolers' tooth brushing behaviour and association with their oral health: a cross sectional study**

Iqra Muhammad Khan, Shani Ann Mani, Jennifer Geraldine Doss, Mahmoud Danaee, Lydia Yi Li Kong  
 2021, BMC Oral Health - Article  
 BACKGROUND: Toothbrushing is an important yet neglected behaviour that affects the oral health of preschool children. Little is reported on parental supervision, an essential aspect of routine effecti... more  
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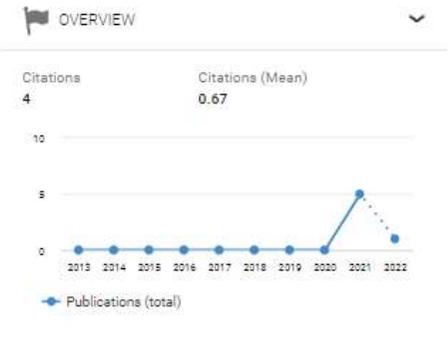
**Oral Health Related Behaviors in Relation to DMFT Indexes of Teenagers in an Urban Area of North-West Poland—Dental Caries Is Still a Common Problem**

Marta Milona, Joanna Janiszewska-Olszowska, Monika Szmidt, Karolina Kloda, Tomasz Olszowski  
 2021, International Journal of Environmental Research and Public Health - Article  
 Caries has a negative influence on health and is still a public health problem among children and adolescents in Poland. The aim

**ANALYTICAL VIEWS**

**RESEARCH CATEGORIES**

11 Medical and Health Sciences	6
1117 Public Health and Health Services	5
1105 Dentistry	3
13 Education	1
1111 Nutrition and Dietetics	1



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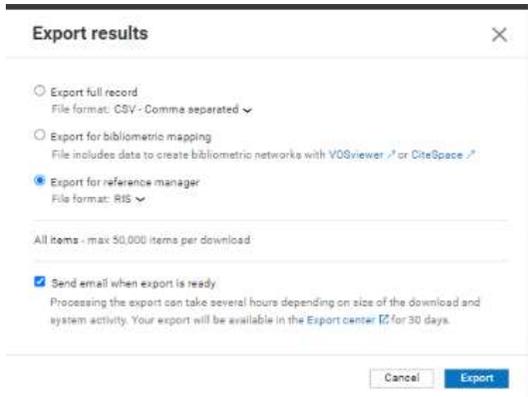
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Shani Ann Mani University of Malaya, Malaysia	1
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Christina Stecksén-Blicks Umeå University, Sweden	1
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1	Hasslöf, P...	2022	Prevention of Recurrent Childhood Caries with Probiotic Supplements: A Randomiz...	Journal Article	Probi
5	Khan, Iqr...	2021	Pre-schoolers' tooth brushing behaviour and association with their oral health: a cr...	Journal Article	BMC
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2	van Spreu...	2021	Parents' Willingness to Invest in Primary Oral Health Prevention for Their Preschool...	Journal Article	Inter

Reference Type: Journal Article

**Author**  
Frayna, Camille  
Devantier, Christoffer  
Harris, Braden  
Kingsley, Karl  
Polanski, Joshua M.

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**Title**  
Education Regarding and Adherence to Recommended Nutrition Guidelines among Dental Students

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## Methods for prevention of early childhood caries: Overview of systematic reviews.

Journal Article International journal of paediatric dentistry, Volume: 31, Issue: 3, Pages: 394-421. Feb 17, 2021  
Authors: Renata Cristina Soares <sup>1</sup>, Saulo Vinicius da Rosa <sup>1</sup>, Simone Tetu Moysés <sup>1</sup>, Juliana Schaia Rocha <sup>1</sup>, Patrícia Vida Cassi Bettega <sup>1</sup>, Renata Iani Werneck <sup>1</sup>, Samuel Jorge Moysés <sup>1</sup>  
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### Abstract

Early childhood caries (ECC) is a global problem, disproportionately affecting disadvantaged populations. The aim of this study was to evaluate systematically the available scientific evidence on the effectiveness of methods for ECC prevention. Six electronic databases were searched. Two independent reviewers selected the publications and analysed the quality of the included systematic reviews. Thirteen studies were included. Overall, eight reviews were classified with methodological quality critically low using the AMSTAR 2, whereas five reviews achieved a high risk of bias using the ROBIS tool. The methods identified that were positively related to the prevention of ECC were as follows: preventive dental programmes for pregnant women; advice on diet and feeding; prenatal oral health care; integration of maternal and children's oral health promotion into nursing practice; maternal oral health programmes undertaken by non-dental health professionals; dental health education in combination with the use of fluoride for children; early preventive dental visits; and the use of fluoride varnish and toothpastes with more than 1000 ppm of fluoride. The currently available evidence supporting the effectiveness of methods for prevention of ECC, although suggesting some methods of greater potential, is still lacking due to the methodological quality of the systematic reviews and the included primary studies.

### Authors

Renata Cristina Soares <sup>1</sup>, Saulo Vinicius da Rosa <sup>1</sup>, Simone Tetu Moysés <sup>1</sup>, Juliana Schaia Rocha <sup>1</sup>, Patrícia Vida Cassi Bettega <sup>1</sup>, Renata Iani Werneck <sup>1</sup>, Samuel Jorge Moysés <sup>1</sup>

### Institutions

1. Pontifícia Universidade Católica do Paraná

### Substances

Toothpastes, Fluorides

### MeSH Terms

Child, Child, Preschool, Dental Caries, Dental Caries Susceptibility, Female, Fluorides . Humans . Oral Health .

### Funding Info

Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES), Brazil (001)

### Key Words

child, dental caries, oral health, preventive methods

### Field of Study

Scientific evidence, Systematic review, Fluoride varnish, Early childhood caries, Dental health, Oral health, Oral health care, Oral health promotion, Family medicine, Medicine

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In: International journal of paediatric dentistry, Issue: 3, Volume: 31, Page: 394-421  
Published: Feb 17, 2021  
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E-Published: Feb 17, 2021  
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Sources



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Authors: Renata Cristina Soares <sup>1</sup>, Saulo Vinicius da Rosa <sup>1</sup>, Simone Tetu Moysés <sup>1</sup>, Juliana Schaia Rocha <sup>1</sup>, Patricia Vida Cassi Bettega <sup>1</sup>, Renata Iani Werneck <sup>2</sup>, Samuel Jorge Moysés <sup>1</sup>  
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Journal Article Open Access Dentistry journal, Issue: 6, Volume: 9, Pages: 93. Aug 9, 2021  
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### Parents' Willingness to Invest in Primary Oral Health Prevention for Their Preschool Children.

Journal Article Open Access International journal of environmental research and public health, Volume: 18, Issue: 21, Pages: 11437. Oct 30, 2021  
Authors: Peggy van Spreuwel, Katarina Jarković-Čosić, Cor van Loveren, Geert J M G van der Heijden  
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R. C. Soares, Saulo Vinicius da Rosa, +4 authors S. J. Moysés • Published 1 December 2020 • Medicine • International journal of paediatric dentistry

Early childhood caries (ECC) is a global problem, disproportionately affecting disadvantaged populations. The aim of this study was to evaluate systematically the available scientific evidence on the effectiveness of methods for ECC prevention. Six electronic databases were searched. Two independent reviewers selected the publications and analysed the quality of the included systematic reviews. Thirteen studies were included. Overall, eight reviews were classified with methodological quality... [Expand](#)

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## Water fluoridation for the prevention of dental caries.

Zipporah Iheozor-Ejiofor, H. Worthington, +7 authors A. Glenny • Published 18 June 2015 • Medicine • The Cochrane database of systematic reviews

### BACKGROUND

Dental caries is a major public health problem in most industrialised countries, affecting 60% to 90% of school children. Community water fluoridation was initiated in the USA in 1945 and is currently practised in about 25 countries around the world; health authorities consider it to be a key strategy for preventing dental caries. Given the continued interest in this topic from health professionals, policy makers and the public, it is important to update and maintain a systematic... [Expand](#)

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Table 1

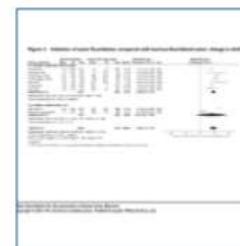
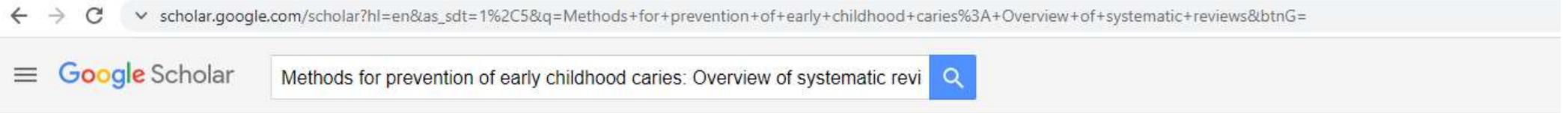


Figure 3

- Water fluoridation
- Dental caries
- Fluorides
- Fluoride Poisoning
- Structure of permanent tooth
- Deciduous tooth
- Dental Fluorosis, Acquired
- Dentition
- Control Groups



# Google Scholar



## Articles

- Any time
  - Since 2022
  - Since 2021
  - Since 2018
  - Custom range...
- 
- Sort by relevance
  - Sort by date
- 
- Any type
  - Review articles
- 
- include patents
  - include citations

**Methods for prevention of early childhood caries: Overview of systematic reviews**  
RC Soares, SV da Rosa, ST Moysés... - ... Journal of Paediatric ..., 2021 - Wiley Online Library

Early childhood caries (ECC) is a global problem, disproportionately affecting disadvantaged populations. The aim of this study was to evaluate systematically the available scientific evidence on the effectiveness of methods for ECC prevention. Six electronic databases were searched. Two independent reviewers selected the publications and analysed the quality of the included systematic reviews. Thirteen studies were included. Overall, eight reviews were classified with methodological quality critically low using the ...

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Showing the best result for this search. [See all results](#)

- Often finds a higher number of ‘cited by’ references
- Includes cited references from university repositories (including theses and dissertations) and higher non-English language content



# Google Scholar

← → ↻ scholar.google.com/scholar?cites=2480687123204935078&as\_sdt=2005&scioldt=1,5&hl=en

[HTML] Prevention of Recurrent Childhood Caries with Probiotic Supplements: A Randomized Controlled Trial with a 12-Month Follow-Up

P Hasslöf, L Granqvist, C Stecksén-Blicks... - Probiotics and ..., 2022 - Springer

The aim of this study was to evaluate the effect of drops containing probiotic bacteria on the recurrence of dental caries in preschool children. The study employed a randomized ...

★ Save ↻ Cite Related articles All 2 versions Import into EndNote

[HTML] springer.com

Education Regarding and Adherence to Recommended Nutrition Guidelines among Dental Students

C Frayna, C Devantier, B Harris, K Kingsley... - Dentistry Journal, 2021 - mdpi.com

The Dietary Guidelines for Americans (DGA) were developed to reduce or prevent many types of chronic illness, including cancer, heart disease and diabetes. Healthcare provider ...

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[HTML] mdpi.com

[PDF] Early Childhood Caries Experience Associated with Upper Respiratory Infection in US Children: Findings from a Retrospective Cohort Study

A Albelail, TT Wu, H Malmstrom... - J Pediatr & Child Health ..., 2021 - umc.rochester.edu

Abstract Introduction: Both Early Childhood Caries (ECC) and Upper Respiratory Infection (URI) are infectious diseases. The oral cavity is considered a potential reservoir of ...

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[PDF] rochester.edu

[PDF] Childhood toothbrushing behaviours and their association with personal and family characteristics among Pacific children in New Zealand

NZ Hanif - 2022 - openrepository.aut.ac.nz

Early childhood caries (ECC) is the most common non-communicable disease among children worldwide. In New Zealand, ECC among Pacific children is significant and ...

★ Save ↻ Cite Import into EndNote ⌘

[PDF] aut.ac.nz

Kurzrecherche zum Fluorideinsatz in der Kariesprophylaxe bei Kindern, Jugendlichen und Schwangeren

A Laschkolnig - 2021 - jasmin.goeg.at

Zielsetzung der vorliegenden (Kurz-) Recherche ist es, einen Überblick über die Wirksamkeit und Sicherheit des Fluorideinsatzes in der Kariesprävention bei Kindern ...

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[PDF] goeg.at

[PDF] ОБҐРУНТУВАННЯ МЕТОДІВ ПРОФІЛАКТИКИ КАРІЄСУ ЗУБІВ У ПЕРІОД ФОРМУВАННЯ ТИМЧАСОВОГО ПРИКУСУ З УРАХУВАННЯМ МАКРО-І ...

ЛГ ГРИНКЕВИЧ - nauka.bsmu.edu.ua

Дисертація на здобуття наукового ступеня доктора філософії за спеціальністю 221–Стоматологія (галузь знань 22–Охорона здоров'я)–Буковинський державний медичний ...

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scholar.google.com/scholar?cites=2480687123204935078&as\_sdt=2005&scioldt=1,5&hl=en#d=gs\_md\_aibl-d&u=%2Fcitations%3Fh%3Den%26xsr%3DAMD79ooAAAAAYnDSI7BH5IXalga5lig6OnVCsEi8VRP%26continue%...

Articles 9 results (0,04 sec)

Any time  
Since 2022  
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Since 2018  
Custom range...

Sort by relevance  
Sort by date

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Methods for prevention of early childhood caries: Overview of systematic reviews  
 Search within citing articles

Oral health related behaviors in relation to DMFT indexes of teenagers in an urban area of North-West Poland—dental caries is still a common problem [PDF] mdp1.com  
M Milona, J Janiszewska-Olszowska, M Szmidt... - International Journal of ... 2021 - mdp1.com  
Caries has a negative influence on health and is still a public health problem among children and adolescents in Poland. The aim of this study was to analyze the association of ...  
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Pre-schoolers' tooth brushing behaviour and association with oral health: a cross sectional study  
IM Khan, SA Mani, JG Doss... - BMC oral ... 2021 - bmcoralhealth.biomedcentra...  
Toothbrushing is an important yet neglected behaviour that affects the oral health of preschool children. Little is reported on parental supervision, an essential aspect...  
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Parents' willingness to invest in primary oral health prevention for children  
PCJM van Spreuwel, K Jerković-Čosić... - International Journal of ... 2021 - mdp1.com  
There is growing evidence for the beneficial effects of starting oral health prevention in early life. Preventing dental caries in very young children requires considerable investment...  
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Prevention of Recurrent Childhood Caries with Probiotic Rinses: A Randomized Controlled Trial with a 12-Month Follow-Up  
P Hasslöf, L Granqvist, C Stecksán-Blicks... - Probiotics and ... 2022 - Springer  
The aim of this study was to evaluate the effect of drops containing probiotic bacteria on the recurrence of dental caries in preschool children. The study employed a randomized ...  
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Education Regarding and Adherence to Recommended Nutrition Guidelines among Dental Students [HTML] mdp1.com  
C Frayna, C Devantier, B Harris, K Kingsley... - Dentistry Journal. 2021 - mdp1.com  
The Dietary Guidelines for Americans (DGA) were developed to reduce or prevent many types of chronic illness, including cancer, heart disease and diabetes. Healthcare providers ...  
☆ Save Cite Related articles All 9 versions Import into EndNote

Early Childhood Caries Experience Associated with Upper Respiratory [PDF] rochester.edu

- No batch export function – major limitation!
- Doesn't export abstracts, so challenging if records are needed for screening
- Doesn't provide a list of article references – cite-by references only



# Google Scholar

scholar.google.com/scholar?scilib=1029&hl=en&as\_sdt=1,5

Search in "Soares 2021"

My library

- All articles
- Reading list
- Gartshore 2017
- Roy 2018
- Smith 2020
- Soares 2021
- Tafvelin 2019
- Wu 2015 Forward Citations
- Trash
- Manage labels...

Any time

- Since 2022
- Since 2021
- Since 2018
- Custom range...

Export all

- BibTeX
- EndNote
- RefMan
- CSV

My profile My library

<p>АННЯ МЕТОДІВ ПРОФІЛАКТИКИ КАРІЄСУ ЗУБІВ У ПЕРІОД Я ТИМЧАСОВОГО ПРИКУСУ З УРАХУВАННЯМ МАКРО-І ...</p> <p>[PDF] bsmu.edu.ua</p>
<p>Kurzrecherche zum Fluorideinsatz in der Kariesprophylaxe bei Kindern, Jugendlichen und Schwangeren</p> <p>[PDF] goeg.at</p>
<p>Childhood toothbrushing behaviours and their association with personal and family characteristics among Pacific children in New Zealand</p> <p>[PDF] aut.ac.nz</p>
<p>Early Childhood Caries Experience Associated with Upper Respiratory Infection in US Children: Findings from a Retrospective Cohort Study</p> <p>[PDF] rochester.edu</p>
<p>Prevention of Recurrent Childhood Caries with Probiotic Supplements: A Randomized Controlled Trial with a 12-Month Follow-Up</p> <p>[HTML] springer.com</p>
<p>Parents' willingness to invest in primary oral health prevention for their preschool children</p> <p>[PDF] mdpi.com</p>



# Summary of features

	Abstracts	Related articles	Citations and references?	Has an export function
Dimensions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Lens	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Semantic Scholar	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cumbersome
Google Scholar	No	<input checked="" type="checkbox"/>	Citations only	Cumbersome



# Tools





# Harzings Publish or Perish 8

# Harzing's Publish or Perish (Windows GUI Edition) 8.2.3883.8074

File Edit Search View Help

My searches

- Trash

Search terms	Source	Papers	Cites	Cites/y...	h	g	h <sub>i</sub> ,no...	h <sub>i</sub> ,ann...	hA	acc...	Search date	Cache date	Las...
✓ Methods for prevention of early childhood caries: Overview of ...	Google Sc...	1	9	9.00	1	1	1	1.00	1	0	21/03/2022	21/03/2022	0

**Google Scholar search**

Authors:

Publication name:

Title words:

Keywords:

Maximum number of results:  Include:  CITATION records  Patents

Cites	Per year	Rank	Authors	Title	Year	Publication	Publisher	Type
✓ h 9	9.00	1	RC Soares, SV da R...	Methods for prevention of early childhood caries: Overview of syste	2021	... Journal of Paediatric ...	Wiley Online Library	

- Open Article in Browser
- Open Full Text in Browser
- Open Citing Works in Browser
- Open Related Works in Browser
- Retrive Citing Works in Publish or Perish
- Find Article with Unpaywall
- Split Citations
- Copy Results >
- Save Results >
- Select All Ctrl+A
- Check All Ctrl-Shift+A
- Check Selection Num +
- Uncheck All Ctrl+U
- Uncheck Selection Num -
- Uncheck 0 Cites Ctrl+0
- Uncheck CITATION results

- Tools**
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  - Online User's Manual
  - Frequently Asked Questions
  - Training Resources
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  - Become a PoP Supporter

**Citation metrics** [Help](#)

Publication years: 2021-2021  
 Citation years: 1 (2021-2022)  
 Papers: 1  
 Citations: 9  
 Cites/year: 9.00  
 Cites/paper: 9.00  
 Authors/paper: 4.00  
 h-index: 1  
 g-index: 1  
 h<sub>i</sub>,norm: 1  
 h<sub>i</sub>,annual: 1.00  
 hA-index: 1  
 Papers with ACC >= 1, 2, 5, 10, 20: 1, 1, 1, 0, 0

- 
- 

**Paper details** [Help](#)

Methods for prevention of early childhood caries: Overview of systematic reviews

RC Soares, SV da Rosa, ST Morysés... (2021)

... Journal of Paediatric ...  
 Wiley Online Library, cited by 9 (9.00 per year)

DOI 10.1111/jpd.12766

Early childhood caries (ECC) is a global problem, disproportionately affecting disadvantaged populations. The aim of this study was to evaluate systematically the available scientific evidence on the effectiveness of methods for ECC prevention. Six electronic databases were searched. Two independent reviewers selected the publications and analysed the quality of the included systematic reviews. Thirteen studies were included. Overall, eight reviews were classified with methodological quality criteria low using the ...

- 

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# Harzing's Publish or Perish 8

# Harzing's Publish or Perish (Windows GUI Edition) 8.2.3883.8074

File Edit Search View Help

Search terms	Source	Papers	Cites	Cites/y...	h	g	hI,no...	hI,ann...	hA	acc...	Search date	Cache date	Las...
✓ Methods for prevention of early childhood caries: Overview of ...	Google Sc...	9	6	6.00	1	2	1	1.00	1	0	21/03/2022	21/03/2022	0
✓ Methods for prevention of early childhood caries: Overview of ...	Google Sc...	1	9	9.00	1	1	1	1.00	1	0	21/03/2022	21/03/2022	0

## Google Scholar citing references

Display title:  Years:  -  Retrieve

Cited works:  Retrieve Direct

Apply Revert New

Cites	Per year	Rank	Authors	Title	Year	Publication	Publisher	Type
✓ h 5	5.00	1	M Milona, J Janisz...	Oral health related behaviors in relation to DMFT indexes of teenagers in an urban area of North-West Poland—dental caries is still a common prob...	2021	International Journal of ...	mdpi.com	
✓ 1	1.00	2	IM Khan, SA Mani, ...	Pre-schoolers' tooth brushing behaviour and association with their oral health: a cross sectional study	2021	BMC oral ...	bmcoralhealth.biomedce...	HTML
✓ 0	0.00	3	PCJM van Spreuw...	Parents' willingness to invest in primary oral health prevention for their preschool children	2021	International Journal of ...	mdpi.com	
✓ 0	0.00	4	P Hasslöf, L Granq...	Prevention of Recurrent Childhood Caries with Probiotic Supplements: A Randomized Controlled Trial with a 12-Month Follow-Up	2022	Probiotics and ...	Springer	HTML
✓ 0	0.00	5	C Frayna, C Devan...	Education Regarding and Adherence to Recommended Nutrition Guidelines among Dental Students	2021	Dentistry Journal	mdpi.com	
✓ 0	0.00	6	A Albelali, TT Wu, ...	Early Childhood Caries Experience Associated	2021	J Pediatr & Child Health ...	urmc.rochester.edu	PDF
✓ 0	0.00	7	NZ Hanif	Childhood toothbrushing behaviours and the	2022	openrepository.aut.ac.nz		PDF
✓ 0	0.00	8	A Laschkolnig	Kurzrecherche zum Fluorideinsatz in der Karie	2021		jasmin.goeg.at	
✓ 0	0.00	9	ЛГ ГРИНКЕВИЧ	ОБҐРУНТУВАННЯ МЕТОДІВ ПРОФІЛАКТИК			nauka.bsmu.edu.ua	PDF

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- Open Full Text in Browser
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- Open Related Works in Browser
- Retrieve Citing Works in Publish or Perish
- Find Article with Unpaywall
- Split Citations
- Copy Results
- Save Results
  - As BibTeX...
  - As CSV...
  - As EndNote...
  - As ISI/WoS Export...
  - As JSON...
  - As RIS/RefManager...
  - As APA Reference...
  - As Chicago Reference...
  - As CSIRO Reference...
  - As Harvard Reference...
  - As MLA Reference...
  - As Vancouver Reference...
- Select All Ctrl+A
- Check All Ctrl+Shift+A
- Check Selection Num +
- Uncheck All Ctrl+U
- Uncheck Selection Num -
- Uncheck 0 Cites Ctrl+0
- Uncheck CITATION results

## Citation metrics

Publication years: 2021-2022  
 Citation years: 1 (2021-2022)  
 Papers: 9  
 Citations: 6  
 Cites/year: 6.00  
 Cites/paper: 0.67  
 Authors/paper: 3.00  
 h-index: 1  
 g-index: 2  
 hI,norm: 1  
 hI,annual: 1.00  
 hA-index: 1  
 Papers with ACC >= 1,2,5,10,20: 2,1,1,0,0

Copy Results  
Save Results

## Paper details

Oral health related behaviors in relation to DMFT indexes of teenagers in an urban area of North-West Poland—dental caries is still a common problem

M Milona, J Janiszewska-Olszowska, M Szmida... (2021)

International Journal of ...  
 mdpi.com, cited by 5 (5.00 per year)

Caries has a negative influence on health and is still a public health problem among children and adolescents in Poland. The aim of this study was to analyze the association of ...

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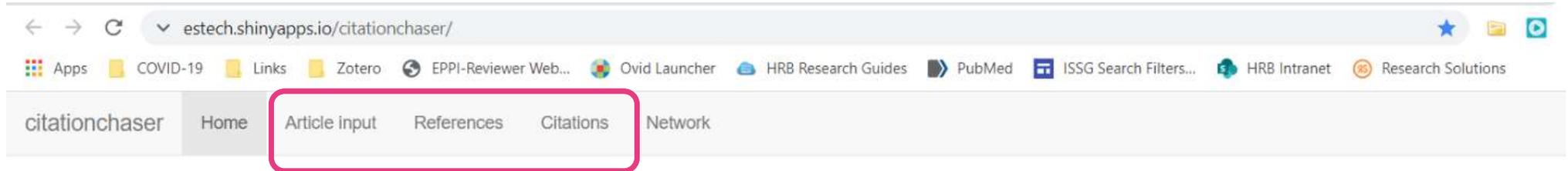
**Tools**

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# Citation Chaser



## Welcome to citationchaser!

In searching for research articles, we often want to obtain lists of references from across studies, and also obtain lists of articles that cite a particular study. In systematic reviews, this supplementary search technique is known as "citation chasing": forward citation chasing looks for all records citing one or more articles of known relevance; backward citation chasing looks for all records referenced in one or more articles.

Traditionally, this process would be done manually, and the resulting records would need to be checked one-by-one against included studies in a review to identify potential records that should be included in a review.

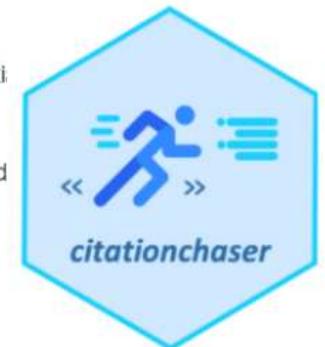
This package contains functions to automate this process by making use of the Lens.org API. An input article list can be used to return a list of all referenced records, and Lens.org database (consisting of PubMed, PubMed Central, CrossRef, Microsoft Academic Graph and CORE); [read more here](#).

Large searches may take several minutes to complete, so please be patient.

Consider asking your library to support Lens.org to continue to enable Open Discovery of research articles.

## Follow these steps to start chasing!

- In the "Article input" tab, paste a list of article identifiers (e.g. DOIs)
- Check the articles returned are the ones you are interested in
- If you want to perform backward citation chasing (which articles did my articles reference?) then proceed to the "References" tab and click "Search for all referenced articles in Lens.org"
- If you want to perform forward citation chasing (which articles have cited my articles?) then proceed to the "Citations" tab and click "Search for all citing articles in Lens.org"
- You can download in RIS format a list of your input articles, referenced articles, and citing articles for easy integration with your reference/review management workflow



# Citation Chaser

citationchaser Home Article Input References Citations Network

Enter the articles that you want to start from. We will first check the full citations in the Lens.org database.

You must complete this step before retrieving references and citations.

EITHER:

1: Paste your identifiers in (each id separated from the next using a comma, spaces are permitted)

**Digital Object Identifiers (DOIs)**

**PubMed identifiers (PMIDs)**

**PubMedCentral identifiers (PMcIDs)**

**Microsoft Academic identifiers (MAGIDs)**

**CORE identifiers (COREIDs)**

**Lens.org identifiers (LENSIDs)**

OR:

2: Upload your data as a 2-column file here. Your file must have the column names "ids" (each identifier on a new row) and "type" of id ("doi", "pmid", "pmcid", "magid", "coreid", "lens\_id"):

	A	B
1	ids	type
2	3041487187	magid
3	304952007	coreid
4	32915751	pmid
5	063-361-128-530-65X	lens_id
6	7291190	pmcid
7	10.3889/oamjms.2020.5098	doi

[Download an example input CSV file.](#)



# Citation Chaser

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	A	B
1	ids	type
2	3041487187	magid
3	304952007	coreid
4	32915751	pmid
5	063-361-128-530-65X	lens_id
6	7291190	pmcid
7	10.3889/oamjms.2020.5098	doi

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### Choose CSV File

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## Your input articles

You provided 1 starting Identifier, corresponding to 1 article:

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authors	year	title	source_title	publisher	volume	issue	start_page	end_page	doi	Lens_refs	Lens_cited
Soares, Renata Cristina; da Rosa, Saulo Vinicius; Moysés, Simone Tetu; Rocha, Juliana Schaia; Bettega, Patricia Vida Cassi; Werneck, Renata Iani; Moysés, Samuel Jorge	2021	Methods for prevention of early childhood caries: Overview of systematic reviews.	International journal of paediatric dentistry	Wiley-Blackwell	31	3	394	421	10.1111/ipd.12766	49	6

Show 10 entries

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Citations

Network

## References from your articles (backward citation chasing)

Once you have loaded your input articles, you can search for all referenced articles across them.

Search for all referenced articles in Lens.org

Reset



# Citation Chaser

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citationchaser Home Article input References Citations Network

## Citations of your articles (forward citation chasing)

Once you have loaded your input articles, you can search for all articles that cite them.

Search for all citing articles in Lens.org Reset

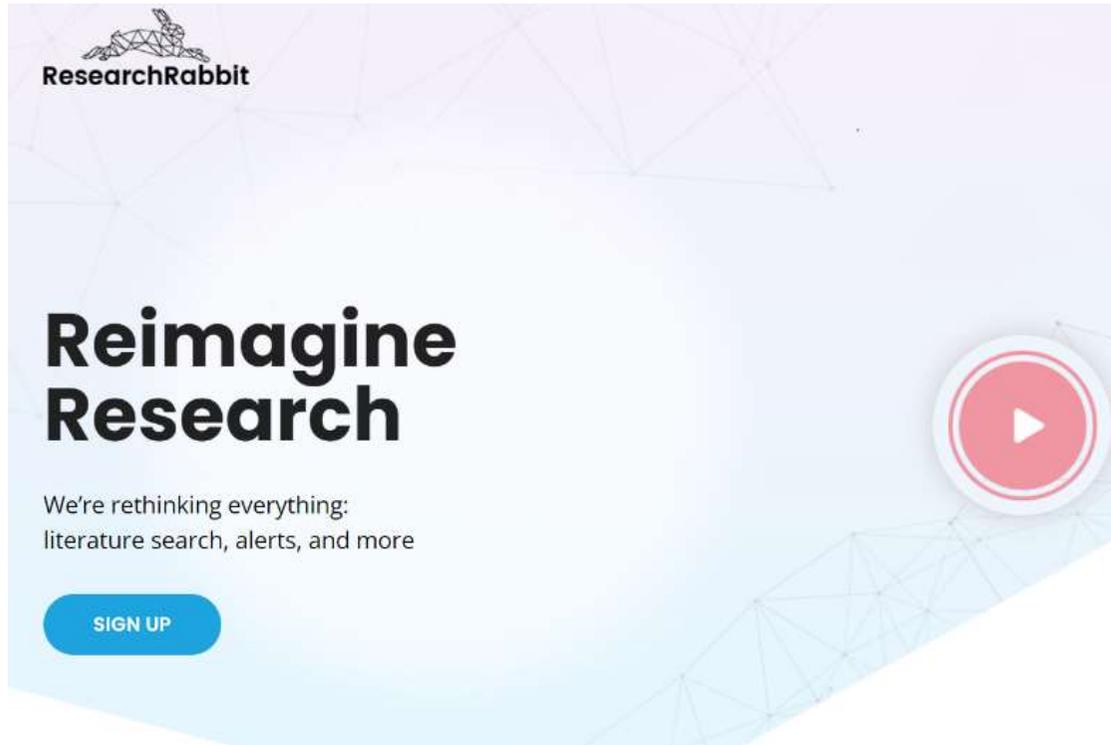
Your 1 articles were cited a total of 6 times. This corresponds to 6 unique article IDs. Your RIS file is ready for download and contains 6 records exported from Lens.org.

Download an RIS file of citing articles (including abstracts)

authors	year	title	source_title	volume	issue	start_page	end_page	doi
A, Albelali; Wu, Tong Tong; Malmstrom, Hans; Xiao, Jin	2021	Early Childhood Caries Experience Associated with Upper Respiratory Infection in US Children: Findings from a Retrospective Cohort Study	Journal of pediatrics & child health care	6	2			10.26420/jpediatrchildhealthcare.2021.1044
van Spreuwel, Peggy; Jerković-Čosić, Katarina; van Loveren, Cor; van der Heijden, Geert J. M. G.	2021	Parents' Willingness to Invest in Primary Oral Health Prevention for Their Preschool Children.	International journal of environmental research and public health	18	21	11437		10.3390/ijerph182111437
Khan, Iqra Muhammad; Mani, Shani Ann; Doss, Jennifer Geraldine; Danaee, Mahmoud; Kong, Lydia Yi Li	2021	Pre-schoolers' tooth brushing behaviour and association with their oral health: a cross sectional study.	BMC oral health	21	1	283	283	10.1186/s12903-021-01643-8
Frayna, Camille; Devantier, Christoffer; Harris, Braden; Kingsley, Karl; Polanski, Joshua M.	2021	Education Regarding and Adherence to Recommended Nutrition Guidelines among Dental Students	Dentistry journal	9	8	93		10.3390/dj9080093
Milona, Marta; Janiszewska-		Oral Health Related Behaviors in Relation to	International journal of					



# Research Rabbit



- New tool that combines citation tracking and citation mapping
- Retrieves citations and references
- Imports from Zotero
- Searches semantic scholar
- Provides a network view of relationships



# Research Rabbit

The screenshot displays the Research Rabbit interface with several key components:

- Left Panel:** A list of papers. The first paper, "Methods for prevention of early childhood caries: Overview of systematic reviews" by Soares and Moysés (2020), is selected. Below it is "How to Intervene in the Caries Process: Early Childhood Caries - A Systematic Review" by Schmoeckel and Junić (2020). A green "Add Papers" button and a "Sync to Zotero" button are visible at the bottom left.
- Center Panel:** Details for the selected paper. It includes the authors (Renata Cristina Soares, Samuel Jorge Moysés), the journal (International Journal of Paediatric Dentistry), and the abstract text. A sidebar on the right of this panel offers options: "1 Selected Paper", "Remove from: 098 Primary Prevention Dental Caries", "Add to Other Collection", "EXPLORE PAPERS" (with "Similar Work" at 188, "All References" at 48, and "All Citations" at 5), "EXPLORE PEOPLE" (with "These Authors" at 7), and "EXPORT PAPERS" (BibTeX, RIS).
- Right Panel:** "All Citations" section showing a list of papers citing the selected one, such as "Oral Health Related Behaviors in Relation to DMFT Indexes of Teenagers in an Urban Area of North-West Poland-Dental Caries Is Still a Common Problem" (Milona, Olszowski, 2021) and "Pre-schoolers' tooth brushing behaviour and association with their oral health: a cross sectional study" (Khan, Kong, 2021). Below this is a network graph titled "Connections between your collection and 5 papers" showing a central node "Soares 2020" connected to other nodes like "Granqvist 2022", "Frayna 2021", "Khan 2021", "Spreuwel 2021", and "Milona 2021".
- Bottom Right:** A chat bubble with the text "We're here to help!" and navigation controls for the graph (Zoom Out, Fit All, Zoom In).



# Research Rabbit

The screenshot displays the Research Rabbit web application interface. The browser address bar shows `researchrabbitapp.com/home`. The main content area is divided into several panels:

- Left Panel (Filters and Results):** A filter menu is set to 'Custom' with 'Abstracts' checked. Below it, two search results are visible:
  - Soares et al. (2020):** "Methods for prevention of early childhood caries: Overview of systematic reviews." Published in the *International Journal of Paediatric Dentistry*. Abstract: "Early childhood caries (ECC) is a global problem, disproportionately affecting disadvantaged populations. The aim of this study was to evaluate systematically the available scientific evidence on the effectiveness of methods for ECC prevention. Six electronic databases were searched. Two independent RR: Testing Dental"
  - Schmoeckel et al. (2020):** "How to Intervene in the Caries Process: Early Childhood Caries - A Systematic Review." Published in *Caries Research*. Abstract: "For an Organisation for Caries Research/European Federation of Conservative Dentistry consensus, this systematic review is aimed to assess the question of how to manage the caries process in the case of early childhood caries (ECC). Medline via PubMed was searched systematically regarding"
- Center Panel (Earlier Work):** Shows a selected paper by Casamassimo et al. (2009): "Beyond the dmft: the human and economic cost of early childhood caries." Published in the *Journal of the American Dental Association*. Below this, there are options to explore similar work (735), earlier work (1), and later work.
- Right Panel (Connections):** A network graph titled "Connections between your collection and 1 paper". The graph shows nodes for Casamassimo (2009), Soares (2020), and Schmoeckel (2020). The graph type is set to 'Network' and labels are set to 'First Author' and 'Last Author'. Below the graph are controls for 'Zoom Out', 'Fit All', and 'Zoom In'.
- Far Right Panel (Selected Paper):** Displays details for the selected paper by Casamassimo et al. (2009). It includes a 'No PDF' button, a 'Get Involved!' button, and a 'Tutorial Resources' button. A chat bubble at the bottom says "We're here to help!".



# Conclusion



- Citation tracking is useful for exploratory scoping and citation chasing of included studies in a review
- You may need to use more than one citation database
- You are more likely to find linked citations to other journal articles and less likely to find citations for grey literature sources
- There are multiple resources and tools, and it is a fast changing field

Feel free to email me if you have any questions!



# Links

- Citation Chaser <https://estech.shinyapps.io/citationchaser>
- Dimensions <https://www.dimensions.ai/>
- Google Scholar <https://scholar.google.com>
- Harzing's Publish or Perish 8 (download required) <https://harzing.com/resources/publish-or-perish>
- Lens <https://www.lens.org/>
- Research Rabbit [www.researchrabbit.ai](http://www.researchrabbit.ai)
- Semantic Scholar [www.semanticscholar.org](http://www.semanticscholar.org)

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