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ISPW Workshop: Literature Research Practices HS24

Excercises

1. Finding search terms

a) Brainstorm a list of search terms for your own research topic or the sample topic. Identify the main aspects of the topic and organize the search terms accordingly.
b) Extend your list of search terms by
   - looking at the keywords/subject headings of a relevant publication for your research topic that you already know;
   - performing exploratory searches in SportDiscus, PsycInfo (Basic or Advanced Search), PubMed and looking at a relevant title
   - asking an GenAI-tool to provide you with further search terms.

Topic aspects	digital intervention*	physical activity	health promotion
Search terms	- mobile app* - physical fitness mobile apps - smartphones - mobile health device - web applications - digital technolog* - digital games - video games - wearable technology - digital application - wearable devices - intervention - mobile health - social media - digital health intervention - e-health - gamification - mobile phone - mHealth - fitness apps - digital health tools - online interventions - mobile technology	- exercise - physical fitness - sedentary behavio?r - fitness	- health behavio?r - motivation - behavio?r change - behavio?r modification - treatment effectiveness - healthy lifestyle - behavio?ral change techniques - activity level

2. Formulating a search string

a) Consider if/to what extent the PICO(S/T) model is helpful to formulate a complex logical search string for your research topic.
=>SOLUTION: see slides

b) Use Boolean operators and possibly wildcards/phrases/truncation to formulate a logical search string out of your list of search terms.
=>SOLUTION: see slides

c) Try out your search string in 2-3 (or more) of the following databases: SportDiscus, Web of Science (search mode "Topic"), Scopus, PsycInfo (Advanced Search), PubMed (no truncation/phrases/wildcards), SURF (search in German).

🔍 Search   Lists   Sources   SciVal ↗   Create account   Sign in

Welcome to a more intuitive and efficient search experience. See what is new

Advanced query ⬤

Search within
Article title, Abstract, Keywords

Search documents *
("digital intervention" OR mobile AND app* OR smartphones OR mhealth OR wear ✕

🔖 Save search
🔔 Set search alert

+ Add search field

Reset   Search 🔍

Documents   Preprints [Beta]   Patents   Secondary documents   Research data ↗

190 documents found

∿ Analyze results ↗

Refine search

☐ All   Export ⌄   Download   Citation overview   ••• More

Show all abstracts   Sort by Date (newest) ⌄   ▦ ☰

Search within results

Filters

Year   ⌄

◉ Range   ○ Individual

from — to ►

Subject area   ⌄

	Document title	Authors	Source	Year	Citations
☐ 1	Article • Open access A holistic lifestyle mobile health intervention for the prevention of type 2 diabetes and common mental disorders in Asian women with a history of gestational diabetes: a randomised control trial with 3-year follow-up protocol	Salamanca-Sanabria, A., Liew, S.J., Mair, J., ... Tay, V., Eriksson, J.G.	Trials, 25(1), 443	2024	0

Show abstract ⌄   🔒See access options at Universitaetsbibliothek Bern ↗   View at Publisher ↗   Related documents

☐ 2	Article • Open access Real-world nudging, pricing, and mobile physical activity coaching was insufficient to improve lifestyle behaviours and cardiometabolic health: the Supreme Nudge parallel cluster-randomised controlled supermarket trial	Stuber, J.M., Mackenbach, J.D., de Bruijn, G.-J., ... Lakerveld, J., Beulens, J.W.J.	BMC Medicine, 22(1), 52	2024	6

Show abstract ⌄   🔒See access options at Universitaetsbibliothek Bern ↗   View at Publisher ↗   Related documents

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My Account   🔍 Bibliothek fragen   Ovid® Search Builder   Help   Feedback   Log Off

Search   Journals   Books   Multimedia   My Workspace   What's New

Search History (1) ⌃

View Saved ⊹

☐	# ▲	Searches	Results	Type	Actions	Annotations
☐	1	(("digital intervention" or mobile app* or smartphones or mhealth or "wearable technology") and (physical activity or exercise or "physical fitness" or fitness or sedentary behavi?r) and (promotion or behavio?r change or treatment effectiveness or health behavio?r or activity level)).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh word]	492	Advanced	Display Results More ⌄	💬

Save   Remove   Combine with: AND OR

Save All   Edit   Create RSS   Create Auto-Alert   View Saved

⇄ Share Search History

Basic Search   Advanced Search   Multi-Field Search   Search Fields   Find Citation   Search Tools

1 resource selected   Hide   Change

ⓘ APA PsycInfo 1806 to October 2024 Week 3

◉ Keyword   ○ Author   ○ Title   ○ Journal

Enter keyword or phrase (* or $ for truncation)

🔍 Search   Term Finder ⤢

☐ Include Multimedia   ☑ Map Term to Subject Heading

Limits ⌄

⟩ Show

🖨 Print   ✉ Email   Export   + My Projects   Keep Selected

☐ All   Range: Ex: 1-4, 7   Clear   View: ☰ ☰ ☰   Results per page: 10 ⌄   Go to result: 1   Go   Next ⟩

☐ 1. **MINISTOP 2.0: A smartphone app integrated in primary child health care to promote healthy diet and physical activity behaviors and prevent obesity in preschool-aged children.**
Alexandrou, Christina.
Dissertation Abstracts International: Section B: The Sciences and Engineering. Vol.85,(10-B), 2024, pp. No Pagination Specified.
[Dissertation Abstract]
Year of Publication
2024

Abstract Reference
Complete Reference
🔍 Find Similar
🔍 Find Citing Articles

Abstract ⌄   ▦ Cite   + My Projects   + Annotate

d) Look at the filter options (limiters) in the different databases and how they help you refine your search results in view of your inclusion/exclusion criteria (for example: publication years, method, study type, population, citations, …)
=>SOLUTION: depends on databases

3. Finding subject headings in subject indexes

a) Find subject headings corresponding to your search terms in the PsycInfo thesaurus by using Advanced Search and ticking the box "Map Term to Subject Heading". Note that there might not be a subject heading for every keyword.

b) Select the appropriate subject heading(s) and perform a search by clicking on continue.

c) Make a copy of your previous search string and add the subject headings to it as they appear in the search history. (The / after the term indicates that the term will be searched as a subject heading and not as a keyword. Do not delete keywords that are identical to subject headings.)

d) Try out your adapted search string in PsycInfo.
=>SOLUTION: see slides

e) Find subject headings corresponding to your search terms in the MeSH database by selecting "Explore MeSH Database" on PubMed and then entering the keyword in the search box.

f) Select and add the subject heading(s) to the search builder (on the right) connecting them with the appropriate Boolean operators and perform a search in PubMed.

g) Make a second copy of your search string and add the MeSH terms to it.
   =>SOLUTION: see slides

h) Try out your adapted search string in PubMed and consult the search history under "Advanced".

Search	Actions	Details	Query	Results	Time
#5	•••	⌄	Search: **(digital intervention OR mobile apps OR smartphones OR mhealth OR wearable technology OR "Mobile Applications"[Mesh]) AND (physical activity OR exercise OR physical fitness OR fitness OR sedentary behavior OR "Exercise"[Mesh]) AND (promotion OR behavior change OR treatment effectiveness OR health behavior OR activity level OR "Health Promotion"[MeSH Terms])**	10,480	09:48:49

History and Search Details   ⤓ Download   🗑 Delete

(((("digitalisation"[All Fields] OR "digitalised"[All Fields] OR "digitalization" [All Fields] OR "digitalize"[All Fields] OR "digitalized"[All Fields] OR "digitalizer"[All Fields] OR "digitalizing"[All Fields] OR "digitally"[All Fields] OR "digitals"[All Fields] OR "digitization"[All Fields] OR "digitizations"[All Fields] OR "digitize"[All Fields] OR "digitized"[All Fields] OR "digitizer"[All Fields] OR "digitizers"[All Fields] OR "digitizes"[All Fields] OR "digitizing" [All Fields] OR "radiographic image enhancement"[MeSH Terms] OR ("radiographic"[All Fields] AND "image"[All Fields] AND "enhancement"[All Fields]) OR "radiographic image enhancement"[All Fields] OR "digital"[All Fields]) AND ("intervention s"[All Fields] OR "interventions"[All Fields] OR "interventive"[All Fields] OR "methods"[MeSH Terms] OR "methods"[All Fields] OR "intervention"[All Fields] OR "interventional"[All Fields])) OR ("Mobile Applications"[MeSH Terms] OR ("mobile"[All Fields] AND "applications"[All Fields]) OR "Mobile Applications"[All Fields] OR ("mobile"[All Fields] AND "apps"[All Fields]) OR "mobile apps"[All Fields]) OR ("smartphone"[MeSH Terms] OR "smartphone"[All Fields] OR "smartphones"[All Fields] OR "smartphone s"[All Fields]) OR ("mhealth s" [All Fields] OR "telemedicine"[MeSH Terms] OR "telemedicine"[All Fields]

4. Experimenting with search strings, search fields, limiters

Experiment further with your search strings in the databases of your choice: search over specific fields, try different search modes and limiters, compare the size and quality of the results.

Propositions for specific databases:

SportDiscus

- Use the thesaurus to find subject headings for your search terms and add them to the search.

New Search   Publications   Thesaurus   Cited References   Images   More ▾

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Searching: **SPORTDiscus with Full Text** | Choose Databases

DE "PHYSICAL activity"   ⌧   **Search**

Basic Search   Advanced Search   Search History

Subjects

Browsing: Sports Thesaurus

physical activity   [Browse]
○ Term Begins With ○ Term Contains ● Relevancy Ranked

Page: Previous   Next ▸

Select term, then add to search using: [AND ⌄] [Add]

(Click term to display details.)

☐   PHYSICAL activity

- Try searching over specific search fields (Abstract, Title, All Text).

Web of Science

- Use the limiters to select "Highly Cited Papers" or sort results by most cited papers.
- Look at the "Citations" and "References" of a highly cited paper.

- Look at the advanced search options and the search history. Try out the options to build a search and to combine previous searches.

8

Search History

> Interested in more search options?
> Manage or rerun your saved searches on the Alerts page. To combine searches, go to Advanced search.
> ✕

Filter by date range

| YYYY-MM-DD | to | YYYY-MM-DD | Reset | Apply |

⚙ Customize display settings   To combine searches, go to Advanced search.

Clear all history   🗑 Delete

Type	Search Query and Results	Database	Results	Actions

Current session   Export ∨   ∧

☐ Search   ("digital intervention" OR mobile app* OR smartphones OR mhealth OR "wearable technology")   Web of Science Core Collection   3,136   🔗 ✏ 🔔
              AND (physical activity OR exercise OR "physical fitness" OR fitness OR sedentary behavi?r) AND
              (promotion OR behavio?r change OR treatment effectiveness OR health behavio?r OR activity   Show editions ∨
              level) (Topic)

              2:02 PM

Add terms to the query preview

| All Fields ∨ | Example: liver disease india singh | Add to query |

More options ∨   Search Help

Query Preview   Booleans : AND, OR, NOT

| Enter or edit your query here. You can also combine previous searches e.g. #5 AND #2 |

Field Tags :   Sort by Default ∨

+ Add date range   ✕ Clear   Search ∨

- TS=Topic
- TI=Title
- AB=Abstract
- AU=[Author]
- AI=Author Identifiers
- AK=Author Keywords
- GP=[Group Author]
- ED=Editor
- KP=Keyword Plus ®
- SO=[Publication Titles]
- DO=DOI
- PY=Year Published
- CF=Conference
- AD=Address
- OG=[Affiliation]

- OO=Organization
- SG=Suborganization
- SA=Street Address
- CI=City
- PS=Province/State
- CU=Country/Region
- ZP=Zip/Postal Code
- FO=Funding Agency
- FG=Grant Number
- FD=Funding Details
- FT=Funding Text
- SU=Research Area
- WC=Web of Science Categories ↗
- IS= ISSN/ISBN
- UT=Accession Number

- PMID=PubMed ID
- DOP=Publication Date
- LD=Index Date
- PUBL=Publisher
- ALL=All Fields
- FPY=Final publication year
- EAY=Early Access Year
- SDG=Sustainable Development Goals
- TMAC=Macro Level Citation Topic
- TMSO=Meso Level Citation Topic
- TMIC=Micro Level Citation Topic

🕒 Session Queries

Build a new query based on your searches in this session.

☐ 0/1   Combine Sets ∨   Export ∨   🗑 Clear History

☐ 1   ("digital intervention" OR mobile app* OR smartphones OR mhealth OR "wearable   3,136   Add to query   🔗 ✏ 🔔
        technology") AND (physical activity OR exercise OR "physical fitness" OR fitness OR
        sedentary behavi?r) AND (promotion OR behavio?r change OR treatment
        effectiveness OR health behavio?r OR activity level) (Topic)

9

Scopus

- Try editing your search string with "Edit in advanced search"

Welcome to a more intuitive and efficient search experience. See what is new

Advanced query ⬤

TITLE-ABS-KEY (("digital intervention" OR mobile AND app* OR smartphones OR mhealth OR "wearable technology") AND (physical AND activity OR exercise OR "physical fitness" OR fitness OR sedentary AND behavi?r) AND (promotion OR behavio?r AND change OR treatment AND effectiveness OR health AND behavio?r OR activity AND level))

Show less 📋

✎ Edit in advanced search

Documents   Preprints   Patents   Secondary documents   Research data ↗
(Beta)

- Try the advanced query options.

Advanced search   Compare sources ＞

‹ Basic Search   Advanced   Search tips ⓘ

Enter query string
TITLE-ABS-KEY(("digital intervention" OR mobile app* OR smartphones OR mhealth OR "wearable technology") AND (physical activity OR exercise OR "physical fitness" OR fitness OR sedentary behavi?r) AND (promotion OR behavio?r change OR treatment effectiveness OR health behavio?r OR activity level))

Outline query   Add Author name / Affiliation   Clear form   Search 🔍

ALL("Cognitive architectures") AND AUTHOR-NAME(smith)
TITLE-ABS-KEY(*somatic complaint wom?n) AND PUBYEAR AFT 1993
SRCTITLE(*field ornith*) AND VOLUME(75) AND ISSUE(1) AND PAGES(53-66)

Operators
AND   +
OR   +
AND NOT   +
PRE/   +
W/   +

Field codes ⓘ
Textual Content   ⌄
Affiliations   ⌄
Authors   ⌄
Biological Entities   ⌄
Chemical Entities   ⌄
Conferences   ⌄
Document   ⌄
Editors   ⌄
Funding   ⌄
Keywords   ⌄
Publication   ⌄
References   ⌄
Subject Areas   ⌃
   Health Sciences   ⌄
   Life Sciences   ⌄
   Physical Sciences   ⌄
   Social Sciences   ⌄

- Look at the preprint and data tab.

𝑢ᵇ

Scopus   🔍 Search   Lists   Sources   SciVal ↗   ⓘ   🏛   Create account   Sign in

Welcome to a more intuitive and efficient search experience. See what is new

Advanced query ◯

Save search

Set search alert

Search within
Article title, Abstract, Keywords   ⌄

Search documents *
("digital intervention" OR mobile AND app* OR smartphones OR mhealth OR "wear   ✕

+ Add search field   Reset   Search 🔍

(Beta)
Documents   Preprints   Patents   Secondary documents   Research data ↗

190 documents found   ⌁ Analyze results ↗

Refine search

Search within results

☐ All ⌄   Export ⌄   Download   Citation overview   ••• More   Show all abstracts   Sort by Date (newest) ⌄   ⊞ ☰

Document title   Authors   Source   Year   Citations

Article • Open access
☐ 1 A holistic lifestyle mobile health intervention for the prevention   Salamanca-Sanabria, A.,   Trials, 25(1), 443   2024   0
      of type 2 diabetes and common mental disorders in Asian   Liew, S.J., Mair, J., ... Tay, V.,
      women with a history of gestational diabetes: a randomised   Eriksson, J.G.

Filters

Year   ⌃

10

5. AI research tools

Try out different types of tools to find literature for your research topic. If possible use a personal Wifi access when trying out tools with limited functionalities per user.

a) Try a citation-based tool based on articles you have already found and compare the search results to the results you have found in the databases.

b) Try a tool based on semantics by entering a short description of your research topic and compare the results you find. Do the results change if you formulate your research query differently (for example reformulated with a GenAI-tool)?

=>SOLUTIONS: varies depending on tools

6. Citationchaser

Try the tool citationchaser to find references and citations for a corpus of literature on the basis of identifiers like DOI, PMID, etc.

Test the tool based on a single publication of interest or insert a list of identifiers (for example exported from a citation reference management software via a .cvs-file).

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

Your ... articles contained a total of ... references. Your RIS file is ready for download and contains 47 records exported from Lens.org.

⬇ Download an RIS file of referenced articles (including abstracts)

authors	year	title	source_title	volume	issue	start_page	end_page	doi
Gouveia, Rúben; Karapanos, Evangelos; Hassenzahl, Marc	2015	UbiComp - How do we engage with activity trackers?: a longitudinal study of Habito	Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing			1305	1316	10.1145/2750858.2804290
Rabbi, Mashfiqui; Aung, M.S.H.; Zhang, Mi; Choudhury, Tanzeem	2015	UbiComp - MyBehavior: automatic personalized health feedback from user behaviors and preferences using smartphones	Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing			707	718	10.1145/2750858.2805840
Godino, Job G.; Watkinson, Clare; Corder, Kirsten; Marteau, Theresa M.; Sutton, Stephen; Sharp, Stephen J.; Griffin, Simon J.; van Sluijs, Esther M. F.	2013	Impact of personalised feedback about physical activity on change in objectively measured physical activity (the FAB study): a randomised controlled trial.	PloS one	8	9	e75398		10.1371/journal.pone.0075398
Collins, Linda M.; Nahum-Shani, Inbal; Almirall, Daniel	2014	Optimization of behavioral dynamic treatment regimens based on the sequential, multiple assignment, randomized trial (SMART).	Clinical trials (London, England)	11	4	426	434	10.1177/1740774514536795
Hardeman, Wendy; Houghton, Julie; Lane, Kathleen Lynne; Jones, Andrew; Naughton, Felix	2019	A systematic review of just-in-time adaptive interventions (JITAIs) to promote physical activity	The international journal of behavioral nutrition and physical activity	16	1	31		10.1186/s12966-019-0792-7
Schembre, Susan M.; Liao, Yue; Robertson, Michael C; Dunton, Genevieve F.; Kerr, Jacqueline; Haffey, Meghan E; Burnett, Taylor; Basen-Engquist, Karen M; Hicklen, Rachel S	2018	Just-in-Time Feedback in Diet and Physical Activity Interventions: Systematic Review and Practical Design Framework.	Journal of medical Internet research	20	3	e106		10.2196/jmir.8701
Thomas, J. Graham; Bond, Dale S.	2015	Behavioral response to a just-in-time adaptive intervention (JITAI) to reduce sedentary behavior in obese adults: Implications for JITAI optimization.	Health psychology : official journal of the Division of Health Psychology, American Psychological Association	34	Suppl	1261	1267	10.1037/hea0000304

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   ...set

Your ... ... were cited a total of ... times. This corresponds to 225 unique article IDs. Your RIS file is ready for download and contains 225 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
Zhang, Jingwen; Oh, Yoo Jung; Lange, Patrick; Yu, Zhou; Fukuoka, Yoshimi	2020	Artificial Intelligence Chatbot Behavior Change Model for Designing Artificial Intelligence Chatbots to Promote Physical Activity and a Healthy Diet: Viewpoint	Journal of medical Internet research	22	9	e22845		10.2196/22845
Seixas, Azizi; Olaye, Iredia M.; Wall, Stephen P.; Dunn, Patrick	2021	Optimizing Healthcare Through Digital Health and Wellness Solutions to Meet the Needs of Patients With Chronic Disease During the COVID-19 Era.	Frontiers in public health	9		667654	667654	10.3389/fpubh.2021.667654
Hasselman, Fred	2023	Understanding the complexity of individual developmental pathways: A primer on metaphors, models, and methods to study resilience in development.	Development and psychopathology	35	5	2186	2198	10.1017/s0954579423001281
Muench, Frederick; Madden, Sean P; Oommen, Sherry; Forthal, Sarah; Srinagesh, Aradhana; Stadler, Gertraud; Kuerbis, Alexis; Leeman, Robert F; Suffoletto, Brian; Baumel, Amit; Haslip, Cameron; Vadhan, Nehal P; Morgenstern, Jon	2023	Automated, tailored adaptive mobile messaging to reduce alcohol consumption in help-seeking adults: A randomized controlled trial.	Addiction (Abingdon, England)	119	3	530	543	10.1111/add.16391
Zhou, Shuo; Levinson, Arnold H.; Zhang, Xuhong; Portz, Jennifer Dickman; Moore, Susan L.; Gore, M. Odette; Ford, Kelsey Lynett; Li, Qing; Bull, Sheana	2020	A Pilot Study and Ecological Model of Smoking Cues to Inform Mobile Health Strategies for Quitting Among Low-Income Smokers	Health promotion practice	22	6	1524839920942214	1524839920942214	10.1177/1524839920942214
Novak, Jan; Jurkova, Katerina; Lojkaskova, Anna; Jaklova, Andrea; Kuhnova, Jitka; Pfeiferova, Marketa; Kral, Norbert; Janek, Michael; Omcirk, Dan; Malisova, Katerina; Maes, Iris; Dyck, Delfien Van; Wahlich, Charlotte; Ussher, Michael; Elavsky, Steriani; Cimler, Richard; Pelclova, Jana; Tufano, James J; Steffl, Michal; Seifert, Bohumil; Yates, Tom; Harris, Tess; Vetrovsky, Tomas	2024	Participatory development of an mHealth intervention delivered in general practice to increase physical activity and reduce sedentary behaviour of patients with prediabetes and type 2 diabetes (ENERGISED).	BMC public health	24	1	927		10.1186/s12889-024-18384-2
Lentferink, Aniek; Noordzij, Matthijs L.; Burgler, Anouk; Klaassen, Randy; Derks, Youri; Oldenhuis, Hilbrand; Velthuijsen, Hugo; van Gemert-Pijnen, Lisette	2021	On the receptivity of employees to just-in-time self-tracking and eCoaching for stress management: a mixed-methods approach	Behaviour & Information Technology	41	7	1398	1424	10.1080/0144929x.2021.1876794

7. Bibliometric indications

Finde the following article in Scopus, Web of Science, Dimensions (if you have registered for Dimensions) and on Springer Link (via the DOI):

Figueroa, C. A., Gomez-Pathak, L., Khan, I., Williams, J. J., Lyles, C. R., & Aguilera, A. (2024). Ratings and experiences in using a mobile application to increase physical activity among university students: Implications for future design. *Universal Access in the Information Society*, 23(2), 821–830. Scopus. https://doi.org/10.1007/s10209-022-00962-z

Look at the bibliometric indications for the article, the journal and the authors. What indications do you find helpful and why (not)?

=>Scopus

⤓ Download   🖶 Print   🗐 Save to PDF   ☆ Add to List   🖺 Create bibliography

Document type
Article • *Hybrid Gold Open Access*

Source type
Journal

ISSN
16155289

DOI
10.1007/s10209-022-00962-z

View more ⌄

Ratings and experiences in using a mobile application to increase physical activity among university students: implications for future design

Figueroa, Caroline A.[a, d] ✉ ;   Gomez-Pathak, Laura[a];
Khan, Imran[a];   Williams, Joseph Jay[b, d];   Lyles, Courtney R.[c];
Aguilera, Adrian[a, c]

🖺 Save all to author list

[a] School of Social Welfare, University of California, 102 Haviland Hall, Berkeley, 94720-7400, CA, United States
[b] Department of Computer Science, University of Toronto, Toronto, Canada
[c] Zuckerberg San Francisco General Hospital, University of California, San Francisco, CA, United States
[d] Technology, Policy, and Management, Delft Technical University, Delft, Netherlands

2 76th percentile
Citations in Scopus

1.06
FWCI ⓘ

View all metrics ›

🔲 View PDF ↗   Full text options ⌄   Export ⌄

Metrics ⌃

Scopus metrics

2 76th percentile
Citations in Scopus

1.06
Field-Weighted citation impact ⓘ

More metrics ›

PlumX metrics ⓘ

Captures

42
Readers

Citations

2
Citation Indexes

View PlumX details ›

Source details

Universal Access in the Information Society

Years currently covered by Scopus: from 2003 to 2024
Publisher: Springer Nature
ISSN: 1615-5289   E-ISSN: 1615-5297
Subject area: (Computer Science: Computer Networks and Communications)   (Computer Science: Information Systems)   (Computer Science: Software)
(Computer Science: Human-Computer Interaction)
Source type: Journal

View all documents ›   **Set document alert**   🖺 Save to source list   🖼 Access options University of Bern (opens in a new window)

CiteScore 2023	
6.1	ⓘ

SJR 2023	
0.611	ⓘ

SNIP 2023	
1.436	ⓘ

CiteScore   CiteScore rank & trend   Scopus content coverage

CiteScore   2023 ⌄

$$6.1 = \frac{1'605\ \text{Citations}\ 2020 - 2023}{265\ \text{Documents}\ 2020 - 2023}$$

Calculated on 05 May, 2024

CiteScoreTracker 2024 ⓘ

$$6.1 = \frac{1'804\ \text{Citations to date}}{294\ \text{Documents to date}}$$

Last updated on 05 October, 2024 • Updated monthly

CiteScore rank 2023 ⓘ

Category	Rank	Percentile
Computer Science └ Computer Networks and Communications	#115/395	71st
Computer Science └ Information Systems	#118/394	70th

HS24/rao

Figueroa, Caroline Astrid

Faculteit Techniek, Bestuur en Management, TU Delft, Delft, Netherlands ⊗ 56926266200 ⓘ ⓘ Connect to ORCID View more

1,134	48	20	View more metrics >
Citations by **1,039 documents**	Documents	*h*-index View *h*-graph	

🔔 Set alert   ✏️ Edit profile   ••• More

Document & citation trends

Documents   Citations
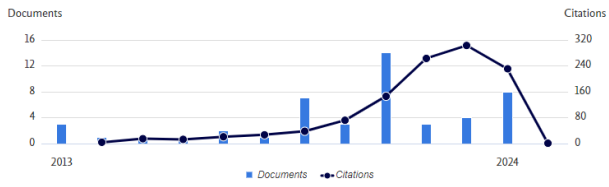
Analyze author output   Citation overview

Most contributed Topics 2019–2023 ⓘ

Mental Health; Bipolar Disorder; Telemedicine
8 documents

Artificial Intelligence; Mental Health; Chatbot
2 documents

Magnetic Resonance Imaging; Functional Connectivity; Neural Pathway
2 documents

View all Topics

New
Beta

48 Documents   Impact   Cited by 1,039 documents   6 Preprints   164 Co-Authors   19 Topics   0 Awarded Grants

HS24/rao

=>Web of Science

Journal information

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ISSN	1615-5289	
eISSN	1615-5297	
Current Publisher	SPRINGER HEIDELBERG, TIERGARTENSTRASSE 17, D-69121 HEIDELBERG, GERMANY	
Journal Impact Factor	Journal Citation Reports ™	
Research Areas	Computer Science; Engineering	
Web of Science Categories	Computer Science, Cybernetics; Ergonomics	

2.1
Journal Impact Factor ™ (2023)

0.47
Journal Citation Indicator ™ (2023)

Figueroa, Caroline A.

This is an algorithmically generated author record. ⓘ

Delft University of Technology - Dept Engn Syst & Serv - DELFT, NETHERLANDS

Identifiers	🔹 Web of Science ResearcherID: EWQ-8753-2022
Published names	Figueroa, Caroline A. Figueroa, C. A. Figueroa, Caroline Figueroa, Caroline Astrid Figueroa, C. Show more ▾
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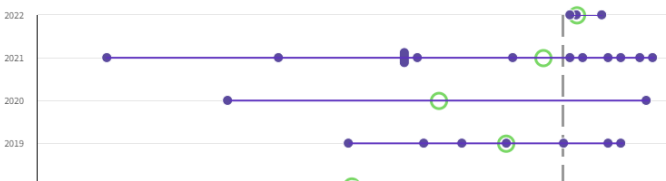
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Ratings and experiences in using a mobile application to increase physical activity among university students: implications for future design

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The study explores university students' experiences with a mobile app designed to increase physical activity, revealing that while some participants felt encouraged by motivational messages, others found them misaligned with their personal motivations and daily contexts. The research highlights the importance of personalizing digital interventions to better support students' physical and mental health needs. Recommendations for future app design are provided based on qualitative feedback from participants.

Abstract

University students have low levels of physical activity and are at risk of mental health disorders. Mobile apps to encourage physical activity can help students, who are frequent smartphone-users, to improve their physical and mental health. Here we report students' qualitative feedback on a physical activity smartphone app with motivational text messaging. We provide recommendations for the design of future apps. 103 students used the app for 6 weeks in the context of a clinical trial (NCT04440553) and answered open-ended questions before the start of the study and at follow-up. A subsample (n = 39) provided additional feedback via text message, and a phone interview (n = 8). Questions focused on the perceived encouragement and support by the app, text messaging content, and recommendations for future applications. We analyzed all transcripts for emerging themes using qualitative coding in Dedoose. The majority of participants were female (69.9%), Asian or Pacific

Caroline Astrid Figueroa
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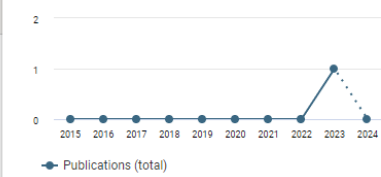📁 RESEARCH CATEGORIES   ⌄

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