

Information Literacy: Searching and Evaluating Sources

Mateja Borak

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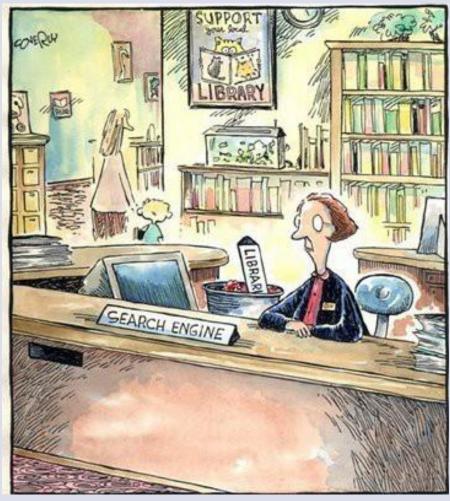
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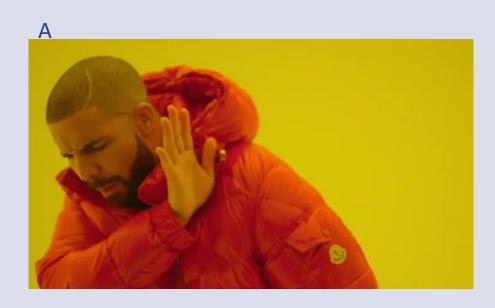
Libraries and librarians



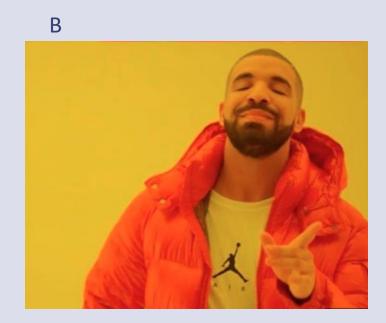
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Instead of an introduction - Menti

ATHENA



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Where do you usually search for information and sources for your studies/research?

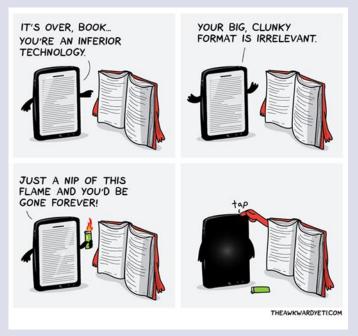
ATHENA

A – in libraries

B – on the Internet

C – in libraries and on the Internet





https://bound4escape.files.wordpress.com/2014/02/1005542_584511341624352_182590194_n.png

Menti.com ATHENA





ATHENA

Searching for information and sources – what, how, where?

- 1. Defining the topic of your paper WHAT is your research's topic or theme? Is the theme original?
- 2. Strategy of searching for the right sources and information (selecting the best sources) HOW to search?
- 3. Location of and access to the sources and information WHERE to search?
- 4. The use of gathered sources and information (selection of relevant information) WHAT is important and how to use it in an ethical way?
- 5. Synthesis (combining information from different sources and their presentation) HOW does all the information make an integral whole, why are the findings important and to whom will they be presented?

ATHENA

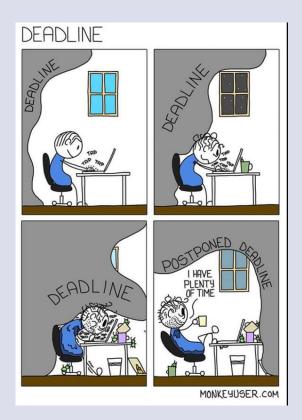
Searching for information and sources – WHAT?

- What kinds of sources do you need: books, e-books, (original scientific and/or review and/or professional) articles, research results, final papers (diploma papers, master's and doctoral theses) ... ?
- Print or electronic sources?

 What kinds of sources are the most common in your field of study?

Searching for information and sources – WHAT?

- Is the list of found sources extensive enough? Are the sources reviewed and updated?
- Is their publishing date important?
- Are the full texts available or only their abstracts?
- Are they published in open access?



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Searching for information and sources – HOW?

- Keywords (KW) (found anywhere in the text)
- Subject headings (SU) (the topic of the text advanced search)
- Boolean operators (or, and, not)
- Synonyms (children literature/children's literature/youth literature/juvenile literature)
- Truncation (environment*)
- Narrowing
- "Phrases" (artificial intelligence or "artificial intelligence")
- Librarians

Searching for information and sources – WHERE?

- Libraries and/or on the Internet
- Print and electronic sources of information (institutional, national, international databases, specialised databases, repositories, open access, Google, Google Scholar, Semantic Scholar, Scite ... ?)

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Searching for information and sources – WHERE? Why in libraries ...

- Access to print and electronic sources
- Interlibrary loan
- Special collections, repositories, specialised databases
- Bibliographies
- Open Science, RDM
- User education
- The use of ICT-technologies



Spaces for studying, socializing, relaxing ...



Libri sententiarum

Peter Lombard





In libraries ... ATHENA

- Access to unbiased and established content
- The sources contain reviewed information that in a way ensure their relevance
- A lot of materials that can be found in library catalogues and databases cannot be found on Google
- Personal contact between users and librarians



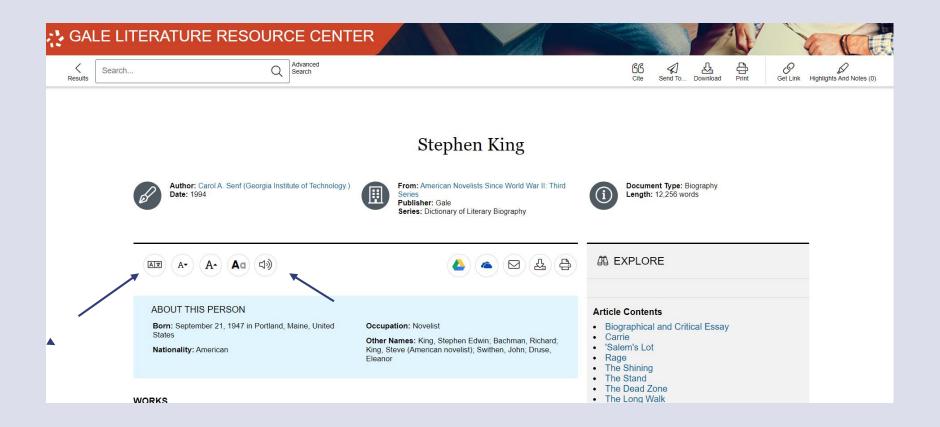
... and/or on the Internet?

- A copious amount of information
- Most relevant results will not necessarily show up at the top of the search results, but rather the most frequently visited or sponsored
- Checking their credibility is very demanding, for they can also serve as sponsored advertisments of persons, companies or institutions
- Demanding author identification
- The information can be available today, but gone the next ...

Searching for information and sources — WHERE? In specialised

- WHERE? In specialised interdisciplinary databases

- SCOPUS
- ProQuest Dissertations and Theses
- Web of Science
- LRC
- JSTOR
- IEEE
- EBSCO
- Taylor & Francis
- CREDO



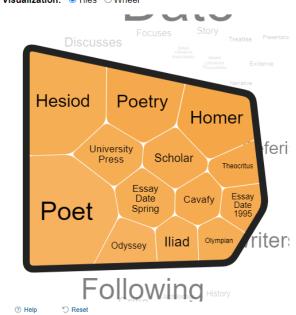
Gale LRC

Topic Finder Find new topics or keywords and discover new connections found in the top results. Search.. Search Terms: Basic Search: greek literature There are two ways to visualize below which words and subjects are found most often in the text of your search results. Visualization: • Tiles • Wheel Novel Book Essay Date Article Review Greece Hesiod Poetry Vision Seferis Poem Pindar Text Thucydides Drama Helen of Troy Xenophon Writers Prelude Sophocles Period Following Degree Excerpt R Appearance Nobel Prize Mother Letters Variations

ATHENA

There are two ways to visualize below which words and subjects are found most often in the text of your search results.

Visualization: Tiles Wheel



RESULTS

Clicking on a topic wheel or tile narrows your original search results to the documents also containing that subject or term.

RESULTS FOR TOPIC: POEM (21)

FREELANCE.

There is a joke that Athenians cant be too proud because if they have their noses in the air they wont see the potholes under their feet This was true even before the slowmotion crisis the crisis has just made it...

[Greek literature] [Hesiod] [Poets]

The Milesians

In the following excerpt Hussey examines Anaximanders philosophy in the larger context of Milesian cosmology The Theogony of Hesiod is very likely the earliest work of Greek literature that we possess Its author...

[Anaximander] [Greek literature]

Hesiod

Symonds was an English poet historian and critic who wrote extensively on Greek and Italian culture In the following excerpt he depicts Hesiod as a transitional figure in early Greek thought situated between the...

[Greek literature] [Hesiod] [Theogony (Poem)] [Works and Days (Essay)] [Works and Days (Poem)]

Introduction

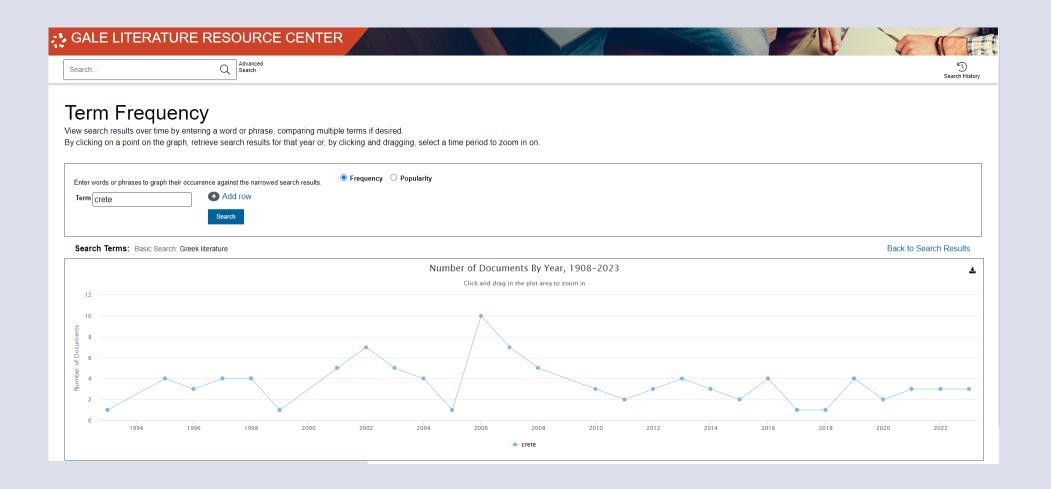
EvelynWhite is an important Hesiod scholar whose Hesiod The Homeric Hymns and Homerica is highly esteemed In the following excerpt from his introduction to that work he notes that Hesiods distinctive title to a...

[Greek literature] [Hesiod] [Theogony (Poem)] [Works and Days (Poem)]

Hesiod: Mastery over Poetic Narration and the Inspiration of the Muses

essay date 1995 In the following essay originally published in French Calame considers the authenticity of the vision described in the prologue of the Theogony and explores the relationship between the authorial I...

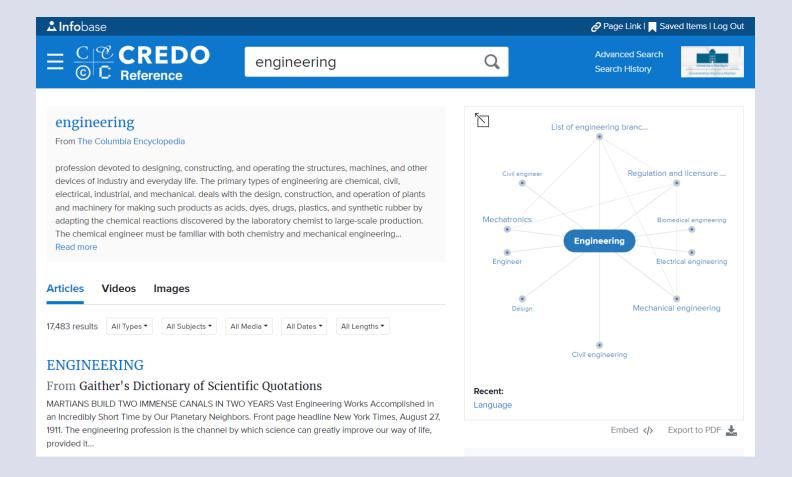
[Crook literatura] [Haciad] [Theograpy (Deem)] [Marks (Callection)] [Marks and Days (Eccay)] [Marks and Days (Deem)]



MLA - theasaurus

Brskanje: MLA International Bibliography -- Terms Thesaurus Prebrskaj intelligence Stran: Prejšnji Naslednja > Izberite izraz, nato pa ga dodajte v iskanje na naslednji način: OR ✓ Dodaj (Kliknite izraz, da prikažete podrobnosti.) intelligence AT 945 ('Luck and Intelligence') United States Central Intelligence Agency Wechsler intelligence scale Central Intelligence Agency Use United States Central Intelligence Agency Test of Nonverbal Intelligence (TONI) innate general intelligence Australian Security Intelligence Organization emotional intelligence Wechsler Intelligence Scale for Children-Revised Use WISC-R Gendered Intelligence (organization) artificial intelligence Search for Extraterrestrial Intelligence social intelligence

Credo Online Reference Service: Academic Core Collection



WoS – "TreeMap Chart on Al"

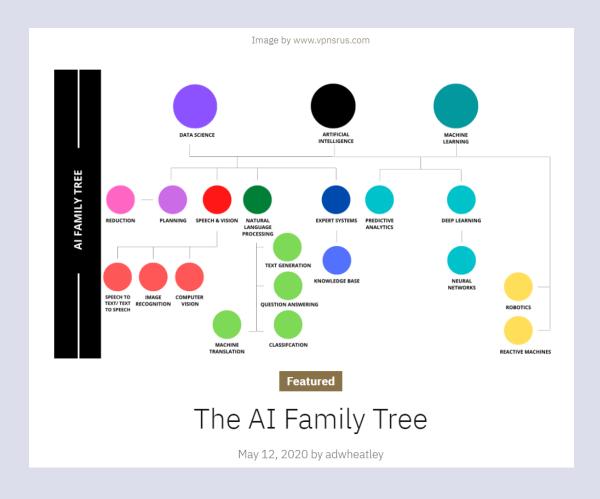
Visualization: Number of results: 10 TreeMap Chart				≛ DOWNLOAD
3,982 Computer Science	2,310 Mathematics	1,100 Mathematical Computational Biology	971 Robotics	
2,800 Engineering	1,644 Communication	731 Science Technology Other Topics		587 Radiology Nuclear Medicine Medical Imaging
	1,256 Automation Control Systems	661 Telecommunications		

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Searching for information and sources – WHERE? Artificial Intelligence



The use of AI in scientific writing – tips

- ALWAYS consult your professor/mentor on whether the use of AI is allowed in order to avoid academic misconduct violations.
- ALWAYS verify the information not once, but twice
- Always save a print screen of your "chat".



The use of AI in scientific writing – tips

ATHENA

If you use AI, cite it correctly (APA, MLA, Chicago style, Vancouver style)

- ✓ APA currently recommends that the text from AI is cited as "Personal Communication" and as such receives an in-text citation but not an entry on the reference list
- ✓ MLA already has a detailled guidance

Universities are preparing guidelines for the use of Al.

The use of AI in scientific writing – tips

ATHENA

PRO

- quick and easy access to information
- based on natural language (no need for Boolean operators)
- basis for new knowledge
- upgrading what is already known
- requires critical thinking
- provides a lot of possibilities for further research
- Semantic Scholar, Scite ...

CON

- information is not verified
- references are provided only on demand
- each chat gives different answers
- it does not qualify as our own research
- ChatGPT does not have the newest or most relevant information

ChatGPT

This is a free research preview.



Our goal is to get external feedback in order to improve our systems and make them safer.



While we have safeguards in place, the system may occasionally generate incorrect or misleading information and produce offensive or biased content. It is not intended to give advice.

How we collect data



Conversations may be reviewed by our Al trainers to improve our systems.



Please don't share any sensitive information in your conversations.



what is the newest knowledge you have



As an Al language model, I do not have access to the internet or any external sources of information outside of my training data. However, my responses can be updated and improved based on my interactions with users, which means that the newest knowledge I have would be any information that has been added or corrected based on these interactions since my training data was last updated.



what is you cuttoff date



My knowledge cutoff date is September 2021. I have been trained on a diverse range of internet text available up until that point.



i need a scientific article on english poetry of the 2020s



I'm sorry, but as an Al language model, I don't have access to up-to-date scientific articles on English poetry of the 2020s. However, I can suggest that you search academic databases such as JSTOR, Project MUSE, or Google Scholar for recent articles on English poetry published in academic journals. You can use keywords such as "contemporary English poetry", "English poetry of the 2020s", or the name of specific poets or poetic movements to narrow down your search. I hope this helps.



Certainly, here is an academic journal article on English poetry:

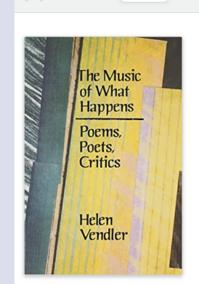


Title: "The Role of Language and Sound in English Poetry: An Analysis of T.S. Eliot's 'The Waste Land"

Abstract: This article explores the ways in which language and sound contribute to the overall meaning and impact of English poetry. Through an analysis of T.S. Eliot's iconic poem, "The Waste Land," the article demonstrates how Eliot employs a variety of literary techniques, such as alliteration, assonance, and juxtaposition, to create a complex and multi-layered work. The article argues that these techniques allow Eliot to convey a sense of fragmentation and disconnection, reflecting the cultural and social upheaval of the early 20th century. Ultimately, the article suggests that Eliot's innovative use of language and sound has had a lasting impact on the development of English poetry.

Reference:

Vendler, H. (1993). The Music of What Happens: Poems, Poets, Critics. Harvard University Press.



Helen Vendler + Follow





January 1, 1989

Helen Hennessy Vend... + Follow

by Helen Vendler (Author)

★★★☆☆ Y 7 ratings

See all formats and editions

Hardcover \$21.97

8 Used from \$6.99 3 Collectible from \$50.00 Paperback \$50.00

22 Used from \$2.91 10 New from \$45.44 3 Collectible from \$30.00

Helen Vendler has become one of our most trusted companions in reading poetry. Among critics today she has an unrivaled ability to show—lucidly and invitingly—just what a poem does. Insight and wit distinguish these essays, in which Vendler elucidates the function of criticism as well as different critical methods and styles. Poets commented on range from Seamus Heaney and Czeslaw



See this image

Print length

486 pages

Milosz to Silvia Plath, James Merrill, and Amy Clampitt.

Language

8

English

Publisher

Harvard University

Press

Publication date

January 1, 1989

Dimensions

ISBN-10

ÖΞ

6 x 1.22 x 9.25 inches

0674591534

>

I. On Criticism

- 1. The Function of Criticism
- 2. Looking for Poetry in America
- 3. Critical Models: On Geoffrey Hartman
- 4. Defensive Harmonies: On Harold Bloom
- 5. The Medley Is the Message: On Roland Barthes
- 6. The Hunting of Wallace Stevens: Critical Approaches

II. On Poetry

- 7. Lionel Trilling and Wordsworth's Immortality Ode
- 8. Keats and the Use of Poetry
- 9. Reading Walt Whitman

III. On Poets

- 10. Seamus Heaney
- 11. Stephen Spender: Journals and Poems
- 12. Donald Davie: Self-Portraits in Verse
- 13. Ted Hughes
- 14. Czeslaw Milosz
- 15. John Ashbery, Louise Glück
- 16. Allen Ginsberg
- 17. Sylvia Plath
- 18. Elizabeth Bishop
- 19. Anne Sexton
- 20. A. R. Ammons: Dwelling in the Flow of Shapes

IV. Recent Writing

- 21. James Merrill
- 22. Adrienne Rich, Jared Carter, Philip Levine
- 23. Charles Wright
- 24. Amy Clampitt
- 25. Dave Smith
- 26. Frank Bidart
- 27. Michael Blumenthal
- 28. Louise Glück, Stephen Dunn, Brad Leithauser, Rita Dove
- 29. Jorie Graham

Credits

Index



To cite an article in APA format, you generally need the following information:



- 1. Author(s) of the article
- 2. Year of publication
- 3. Article title
- 4. Name of the journal or magazine
- 5. Volume and issue number (if applicable)
- 6. Page numbers
- 7. DOI (Digital Object Identifier) or URL (if accessed online)

Here is an example of an APA citation for an article:

For example, if you were citing an article titled "The Effects of Social Media on Mental Health" by Jane Smith, published in the Journal of Psychology in 2021, with volume 45, issue 2, and page numbers 78-92, and with a DOI of 10.1080/123456789.1234567, your citation would look like this:

Smith, J. (2021). The Effects of Social Media on Mental Health. Journal of Psychology, 45(2), 78-92. doi:10.1080/123456789.1234567

Note that

1. Journal article

Grady, J. S., Her, M., Moreno, G., Perez, C., & Yelinek, J. (2019). Emotions in storybooks: A comparison of storybooks that represent ethnic and racial groups in the United States.

*Psychology of Popular Media Culture, 8(3), 207–217. https://doi.org/10.1037/ppm0000185



The University of Maribor Library (Slovenian: Univerzitetna knjižnica Maribor or UKM) is the central library of the University of Maribor in Slovenia. The library was established in 1975 and its mission is to support the teaching, learning, research, and academic activities of the university community by providing access to a wide range of information resources and services.

The library's collections comprise over 600,000 books, periodicals, and other materials no various fields of study, including social sciences, humanities, natural sciences, engineering, and medicine. The library also provides access to electronic resources such as databases, e-journals, and e-books, which can be accessed from the library's website or through the university's network.

In addition to its collections, the University of Maribor Library offers a range of services to its users, including reference and research assistance, interlibrary loan, document delivery, and bibliographic instruction. The library is open to all members of the university community, as well as to the wider public.



As an Al language model, I don't have subjective thoughts or feelings like humans do, but I can analyze and generate language based on the information and data that I have been trained on. However, I can tell you that thoughts are the result of the activity of the brain and are integral to our cognitive and mental processes. Our thoughts can shape our perceptions, beliefs, attitudes, and behaviors and can have a significant impact on our lives. Therefore, it is important to be aware of our thoughts and to learn how to manage and control them effectively.

6 9



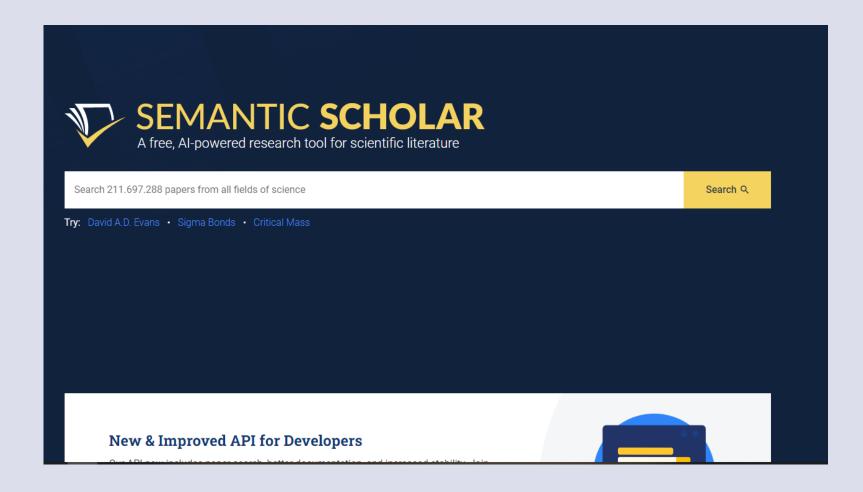
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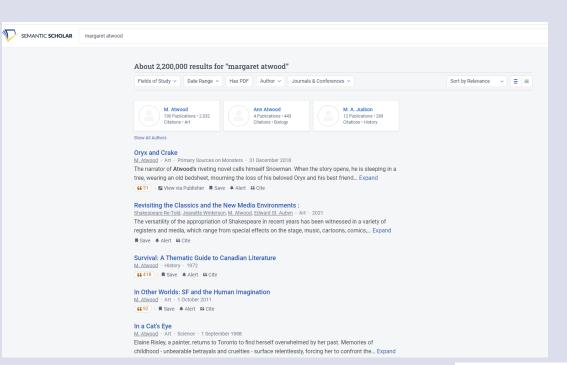
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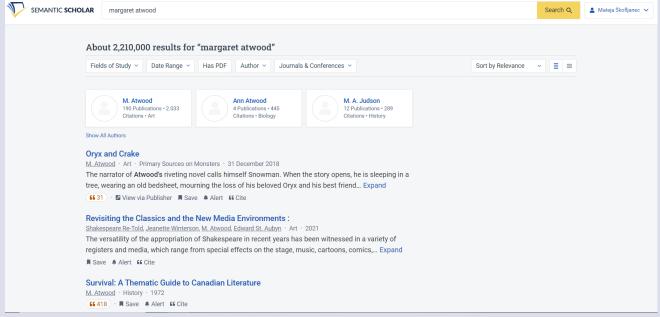
https://c8.alamy.com/comp/2PJN0E4/tired-or-overworked-ai-robot-falls-to-the-ground-artificial-intelligence-calculation-overload-or-machine-learning-deep-learning-errors-concept-flat-2PJN0E4.jpg

Semantic Scholar

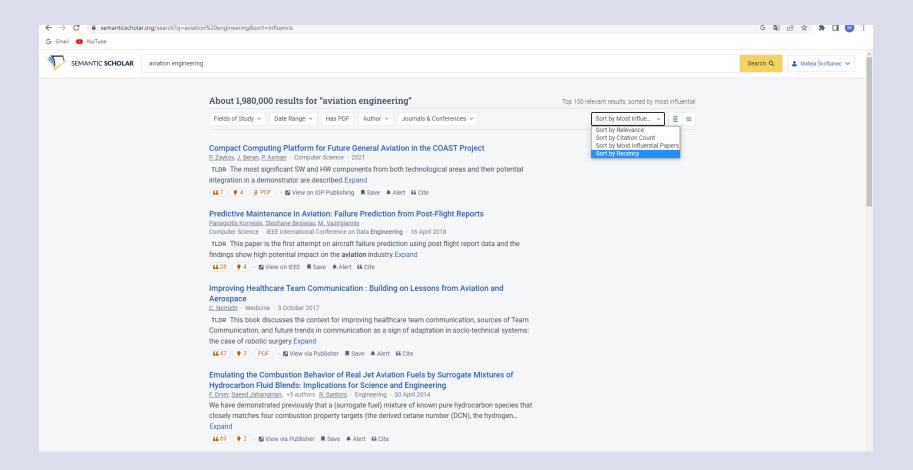


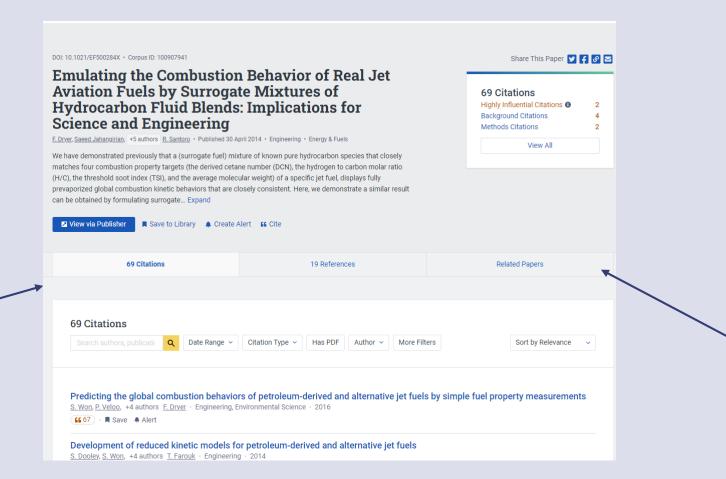


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Aviation engineering







Wicked Women: The Menace Lurking Behind Female Independence

In: Something Wicked This Way Comes

Authors: Margarita Carretero-González and Mª Elena Rodríguez-Martín

Type: Chapter Pages: 199-209

DOI: https://doi.org/10.1163/9789042028791_015

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Abstract/Excerpt

Female independence has traditionally been perceived as a menace for the order established by patriarchal society. Even in our days, a woman who decides not to adapt herself to the traditional roles established for her - freely rejecting, for instance, marriage or maternity - is seen in some quarters as a weird specimen going against what nature has intended for her. In popular representations of the collective imagination, this female independence often takes the form of wicked, evil women who sometimes are the worst enemies to their own gender. The aim of this chapter is to have a look at the ways these female stereotypes have been portrayed in literature and films. Cinderella's stepmother or the Marquise of Merteuil in Stephen Frears' adaptation of Laclos's Les Liaisons Dangereuses, are some of a multitude of instances found in discourses taken from different media portraying women abused for refusing to yield submissively to the image of virtue dictated by the established social order.

SCITE ATHENA

assistant by scite_









Ask simple questions and get reliable answers from the full-text of millions of research articles.

"How does the structure of a protein affect its function?"

"What are the cognitive and neural mechanisms underlying decision-making and risk-taking behavior?"

"How many rats live in NYC?"

Start a draft of an essay, grant, or paragraph

"Write an essay on how board composition of banks influences risk-taking"

"Write a grant proposing to explore how aneuploidy affects chromosome mis-segregation and list out three specific aims"

"Write a paragraph on how video games influence spatial reasoning"

Effectively use information from research articles to support your research tasks

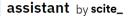
"Find competing evidence for the paragraph below"

"Summarize the following in two sentences with no references:"

"Find a source for the following sentence:"

What do you need help with?

 \triangleright



significant impact on literature and popular culture.

can you write an academic article on margaret atwood

0 free prompts left. Start your free trial to unlock unlimited.



Margaret Atwood is a renowned Canadian author, poet, and literary critic who has made significant contributions to contemporary literature. Her work spans across various genres, including poetry, novels, short stories, and literary and cultural criticism [1]. Atwood's writing is characterized by her comic wit and willingness to experiment, and her work often explores themes of feminism, environmentalism, and social justice [2].

Atwood's most famous novel, "The Handmaid's Tale," has been adapted into a popular television series and has become a cultural touchstone. The novel explores feminist themes and is set in a dystopian future where women are oppressed and used for reproductive purposes [1]. Atwood's other notable works include "Oryx and Crake," "The Vacr of the Flood " and "MaddAddam " which tooks any iron montalism and the existential

What do you need help with?







Reference #3

A "joke-filled romp" through end times: hide abstract Radical environmentalism, deep ecology, and human extinction in Margaret Atwood's eco-apocalyptic MaddAddam trilogy

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J. Brooks Bouson¹ 2016 The Journal of Commonwealth Literature

14 **0** 0 **4 0** 0

View full text Add to dashboard

Canadian writer Margaret Atwood has spent years thinking and writing about the existential threat humanity now confronts in an era of an exponential growth in the global human population, accelerating environmental and habitat destruction, mass extinctions of plant

Evaluating information and sources

ATHENA

- Evaluating sources is very important in order to get the most relevant information.
- It enables the definition of key concepts, themes, and theories that are already well-known in your field.
- It enables the identification of what has not yet been researched.

- Reviewed papers
- Impact factor
- International editorial board
- Caution: unfair publishing



https://hullunilibrary.files.wordpress.com/2019/01/drowning.png

Evaluation methods

- CRAAP
- Systematic literature review
- 5 W+H
- ABCDE
- ROBOT ...



ATHENA



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https://www.teodesk.com/wp-content/uploads/2019/05/ABCDE-method-nove-boje-02-2048x1365.png

CRAAP method

- A group of librarians at the California State University
- C Currency
- R Relevance
- A Authority
- A Accuracy
- P Purpose
- Suitable for all sources, especially webpages

CRAAP Method

- C Currency: the timeliness of information
- ✓ When was the information published or posted? Is that even relevant to your research?
- ✓ Are you looking for recent or dated information?
- ✓ Are the links to the sources updated and functional?
- ✓ Were the data changed, revised, or updated?

Currency - the timeliness of information

ATHENA

OPEN ACCESS Freely available online



How Safe Do Teenagers Behave on Facebook? An Observational Study



Ellen Vanderhoven*, Tammy Schellens, Martin Valcke, Annelies Raes

Department of Educational Studies, Ghent University, Gent, Belgium

Abstract

The substantial use of social network sites by teenagers has raised concerns about privacy and security. Previous research about behavior on social network sites was mostly based on surveys and interviews. Observational research overcomes problems inherent to this research method, for example social desirability. However, existing observational research mostly focuses on public profiles of young adults. Therefore, the current observation-study includes 1050 public and non-public Facebook-profiles of teenagers (13–18) to investigate (1) what kind of information teenagers post on their profile, (2) to what extent they protect this information using privacy-settings and (3) how much risky information they have on their profile. It was found that young people mostly post pictures, interests and some basic personal information on their profile. Some of them manage their privacy-settings as such that this information is reserved for friends' eyes only, but a lot of information is accessible on the friends-of-friends' pages. Although general risk scores are rather low, more detailed analyses show that teenagers nevertheless post a significant amount of risky information. Moreover, older teenagers and girls post more (risky) information while there are no differences in applying privacy settings. We found no differences in the Facebook behavior of teenagers enrolled in different education forms. Implications of these results are discussed.

Citation: Vanderhoven E, Schellens T, Valcke M, Raes A (2014) How Safe Do Teenagers Behave on Facebook? An Observational Study. PLoS ONE 9(8): e104036. doi:10.1371/journal.pone.0104036

Editor: Cédric Sueur, Institut Pluridisciplinaire Hubert Curien, France

Received February 14, 2014; Accepted July 9, 2014; Published August 27, 2014

Copyright: © 2014 Vanderhoven et al. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Funding: The research leading to these results has received funding from the Strategic Basic Research (SBO) Programme of the Flemish Agency for Innovation through Science and Technology (IWT) in the context of the SPION project (www.spion.me). The funders had no role in study design, data collection and analysis, decision to publish, or preparation of the manuscript.

Competing Interests: The authors have declared that no competing interests exist.

* Email: Ellen.Vanderhoven@ugent.be

Currency - the timeliness of information

ATHENA



Transportation Research Part A: Policy and Practice



Volume 124, June 2019, Pages 145-168

Is the value of travel time savings increasing? Analysis throughout a financial crisis

Jeppe Rich ≥ M, Christian Anker Vandet

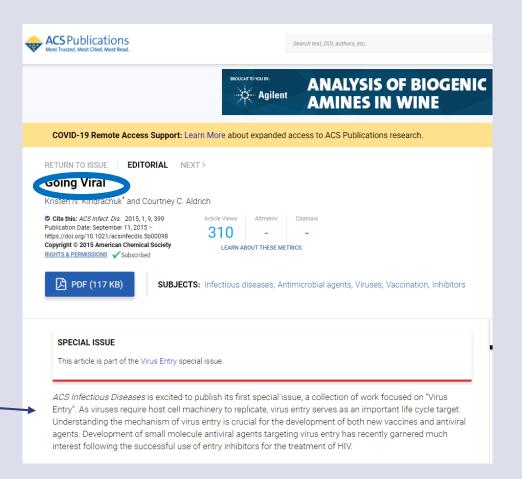
DTU Management Engineering, Technical University of Denmark, Bygningstorvet 16B, 2800 Kgs. Lyngby, Denmark

received 4 June 2018, Revised 22 February 2019, Accepted 25 March 2019, Available online 30 March 2019.

CRAAP Method

- R Relevance: how the information suits your needs
- ✓ Does the information relate to your topic?
- ✓ Who is the intended audience?
- ✓ Is the level of the information appropriate? Is it suitable for your research?
- ✓ Can the information be compared to your other sources?
- ✓ Would you feel comfortable using the information in your project/paper?

Relevance – how the information suits your needs



CRAAP Method

- A Authority: the source of information
- √ Who is the author/publisher/source of the information?
- ✓ Do the author's credentials verify that she/he is an expert in his/her field? Did he/she publish more research on the topic?
- ✓ Can you contact the author by email or phone?
- ✓ Does the internet site domain give some information on the author or the source (.com, .edu, .gov, .net ...)?

Authority – the source of information





Retracted article

See the retraction notice

> Lancet. 1998 Feb 28;351(9103):637-41. doi: 10.1016/s0140-6736(97)11096-0.

Ileal-lymphoid-nodular hyperplasia, non-specific colitis, and pervasive developmental disorder in children

A J Wakefield ¹, S H Murch, A Anthony, J Linnell, D M Casson, M Malik, M Berelowitz, A P Dhillon, M A Thomson, P Harvey, A Valentine, S E Davies, J A Walker-Smith

Affiliations + expand

PMID: 9500320 DOI: 10.1016/s0140-6736(97)11096-0

Erratum in

Retraction of an interpretation.

Murch SH, Anthony A, Casson DH, Malik M, Berelowitz M, Dhillon AP, Thomson MA, Valentine A, Davies SE, Walker-Smith JA.

Lancet. 2004 Mar 6;363(9411):750. doi: 10.1016/S0140-6736(04)15715-2.

PMID: 15016483 No abstract available.

CRAAP Method

- A Accuracy: the reliability, truthfulness and correctness of the source
- ✓ Is the research/article/paper original or just reused? Is it evidence-based?
- ✓ Can the information be verified by other sources?
- ✓ Is there a reliable bibliography?
- ✓ Is the research/article/paper reviewed?
- ✓ Is the research/article/paper written in an unbiased way?
- ✓ Is the text without typing and grammatical mistakes?

Accuracy: the reliability, truthfulness & correctness of the source



CRAAP Method

ATHENA

■ P – Purpose: the reason the information exists

- ✓ Why did the author publish the information?
- ✓ Is the information fact, opinion, or propaganda?
- ✓ Is the information impartial, objective, and unbiased?
- ✓ Is the information misleading or presented in a sensational way?

BAN DIHYDROGEN MONOXIDE - THE INVISIBLE KILLER!

Dihydrogen monoxide is colorless, odorless, tasteless, and kills uncounted thousands of people every year.

What are the dangers of Dihydrogen Monoxide?

Most of these deaths are caused by accidental inhalation of DHMO, but the dangers of dihydrogen monoxide do not end there. Prolonged exposure to its solid form causes severe tissue damage. Symptoms of DHMO ingestion can include excessive sweating and urination, and possibly a bloated feeling, nausea, vomiting and body electrolyte imbalance. For those who have become dependent, DHMO withdrawal means certain death.

Dihydrogen Monoxide Facts

Dihydrogen monoxide:

- is also known as hydric acid, and is the major component of acid rain.
- · contributes to the Greenhouse Effect.
- · may cause severe burns.
- contributes to the erosion of our natural landscape.
- · accelerates corrosion and rusting of many metals.
- may cause electrical failures and decreased effectiveness of automobile brakes.
- has been found in excised tumors of terminal cancer patients.

Dihydrogen Monoxide Alerts

Contamination is reaching epidemic proportions!

Quantities of dihydrogen monoxide have been found in almost every stream, lake, and reservoir in America today. But the pollution is global, and the contaminant has even been found in Antarctic ice. In the midwest alone DHMO has caused millions of dollars of property



DIHYDROGEN MONOXIDE THE INVISIBLE KILLER



I'm sorry, but I have to correct you on this topic. Dihydrogen monoxide (DHMO) is actually another name for water (H2O), and it is not an invisible killer.

The term "dihydrogen monoxide" was created as part of a scientific hoax to illustrate how easily people can be misled by technical-sounding terms. The hoax involved presenting water as a dangerous chemical by using this unfamiliar name and highlighting some of its potentially harmful properties, such as its ability to cause burns in its gaseous form (steam) or its involvement in the erosion of natural features like mountains and canyons.

While water can be harmful in certain situations (such as drowning or exposure to large amounts of steam), it is not generally considered a toxic substance or an invisible killer. In fact, water is an essential component of life and is necessary for the survival of most living organisms.

It is important to be aware of scientific hoaxes and to always verify information before accepting it as true.

CRAAP – Critical Evaluation Sheet for Books



0 0	Benedictine	University
অচ	Benedictine Library	

Critical Evaluation Sheet for Books

Author: _		
Γitle:		
Publisher		
Place of p	sublication:	
Date of p	ublication:	
a. Is this	a print book or an e-book?	
b. If this	s a print book, what is the call number of the book?	
c. Did yo	u locate this book in the Benedictine University library?	
d. Did yo	u borrow this book in interlibrary loan?	
If so, 1	what library supplied the book?	
Determin	e if a book is suitable for your research.	
What is t	he purpose of the book?	

- 2. Consider the audience for whom this book was written
- . Is the level of this book appropriate for your research?
- . For what type of reader is the author writing?
- high school student
- college student
 graduate student
- specialists or professionals

3. Examine the authority of the book.

- . Is the author an expert in this field?
- · Where is the author employed?
- · Has he/she won awards or honors?
- 4. Consider the content of the book- its organization and suitability.
- . Who published the book?
- A university press? (this would include theses and dissertations)
- A commercial publisher?
- A professional or trade association, institution or research center?
- A government agency (U.S., state, local)? A vanity press (self-published)?
- . Consider the date of publication. Some topics require current information. Other topics value older material as well. Examine the timeliness of the book for your
 - . Is the information in the book up-to-date?
 - . Is the information in the book out-of-date? Is the information in the book timeless?
- . Evaluate the usefulness of the book

 - Does the book support or refute your position?
 - Does the book give examples you can use? (survey results, case studies, etc.)
 - Does it provide wrong information that you can challenge or disagree with in your
- - . Does the book cover your topic comprehensively, partially or just provide you with an

- . Consider the organization and content of the book. Look at the table of contents and/or
 - Is the book organized in a logical and understandable manner?
 Does the book contain the information you need?
- Is additional material included in appendices?
- · Are charts, graphs, maps, photographs, etc. used to illustrate concepts?
- Are the illustrations relevant?
- Are they clear and professional-looking?
- 5. Examine the bibliography of the book. Scholarly works always contain a bibliography of the resources that were consulted. The references in this list should be in sufficient and be appropriate for the content.
- · Does the book contain a bibliography?
- . Is the bibliography short or long?
- Is the bibliography selective or comprehensive? · Are the references contemporary to the book or older?
- Are the references to books, journal articles, or both?
- Summary: Based on all the above criteria, how would you rate this book as a resource for
- Excellent
- Somewhat useful
- Not appropriate

Revised by J. Hopkins, April, 2018

To inform? (results of a study or experiment)

To entertain? (fiction, humor, gossip)

· To persuade? (to change point of view, outlook, beliefs, behavior)

. To teach you how to do something? (to cook, write a résumé, etc.) To give an overview? (textbook, encyclopedia, etc.)

ROBOT Method – AI (the LibrAlry)

ATHENA

- Reliability
- Objective
- **B**ias
- Ownership
- **T**ype



https://www.chitkara.edu.in/blogs/wp-content/uploads/2022/05/artificial-intellegence.jpg

R - Reliability

ATHENA

- Is the information about the AI technology reliable?
- What are the creator's credentials? Is the information biased?

 How much information is available? Is information only partially available (maybe due to trade secrets)?



□ The chatbot generated a response to an exam question that an academic said would have resulted in full marks if submitted by an undergraduate. Photograph: Jiraroj Praditcharoenkul/Alamy

O - Objective

- What is the goal or objective of the use of AI?
- What is the goal of sharing information about it?
 - To inform?
 - To convince?
 - To find financial support?

B - Bias

- What could create bias in the AI technology?
- Is there a bias or ethical issues and are they acknowledged?
 If yes, by whom?
 - By the source of information?
 - By the party responsible for the AI?
 - By its users?

O - Owner ATHENA

- Who is the owner or developer of the AI technology?
- Who is responsible for it? A private company, the government, a research group?
- Who has access to it?
- Who can use it?



https://imageio.forbes.com/specials-images/imageserve/6437a6cb12161d77e58508e3/How-to-Make-AI-Work-in-Your-Organization/960x0.jpg?format=jpg&width=960

T - Type

- Is the AI technology theoretical or applied?
- What kind of information system does it rely on?
- Does it rely on human intervention?

Ethical use of sources and information ...

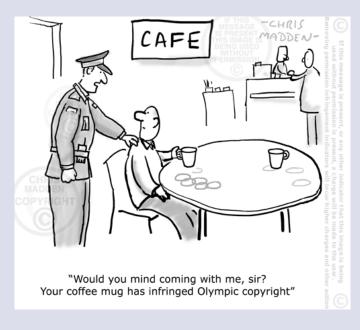
ATHENA

According to the Copyright Law ("copyright ≠ right to copy").

Everything without a reference is regarded as a result of one's own research.

Content similarity detection (iThenticate ...).





https://www.chrismadden.co.uk/images/cartoons/olympic-rings-copyright-violation-cartoon-chris-madden.gif

https://encrypted-tbn0.gstatic.com/images?q=tbn%3AANd9GcQiOwoFDW1ganxx96S3nXyW4NJRMH9C_2z90w&usqp=CAU

М

compare the text to plagiarism Seven objects are in common with the USNO optical CCD parallax program for quality control and seven in common with the European Southern Observatory 3.5 m New Technology Telescope parallax program. We compare astrometric quality with both of these programs. Relative to absolute parallax corrections are made by employing Two Micron All Sky Survey and/or Sloan Digital Sky Survey photometry for reference-frame stars.



I apologize for the misunderstanding. Upon further analysis, the text you provided appears to be specific information about the comparison of astrometric quality between the USNO optical CCD parallax program, the European Southern Observatory 3.5 m New Technology Telescope parallax program, and the use of Two Micron All Sky Survey and/or Sloan Digital Sky Survey photometry for reference-frame stars.

Based on my knowledge up until September 2021, I did not detect any instances of plagiarism in the provided text. However, please note that this analysis is limited to my training data, and I don't have access to the most recent sources or real-time plagiarism detection tools. If you have concerns about plagiarism, I recommend using dedicated plagiarism detection software or online tools to conduct a thorough comparison with available sources.



naval technology

Search Q

DOI: 10.1086/383554 · Corpus ID: 16344176

Preliminary Parallaxes of 40 L and T Dwarfs from the US Naval Observatory Infrared Astrometry Program

F. Vrba, A. Henden, +12 authors J. Brinkmann • Published 11 February 2004 • Physics • The Astronomical Journal

We present preliminary trigonometric parallaxes and proper motions for 22 L dwarfs and 18 T dwarfs measured using the ASTROCAM infrared imager on the US Naval Observatory (USNO) 1.55 m Strand Astrometric Reflector. The results presented here are based on observations obtained between 2000 September and 2002 November; about half of the objects have an observational time baseline of Δt = 1.3 yr and half Δt = 2.0 yr. Despite these short time baselines, the astrometric quality is sufficient to produce significant new results, especially for the nearer T dwarfs. Seven objects are in common with the USNO optical CCD parallax program for quality control and seven in common with the European Southern Observatory 3.5 m New Technology Telescope parallax program. We compare astrometric quality with both of these programs. Relative to absolute parallax corrections are made by employing Two Micron All Sky Survey and/or Sloan Digital Sky Survey photometry for reference-frame stars. We combine USNO infrared and optical parallaxes with the best available California Institute of Technology (CIT) system photometry to determine MJ, MH, and MK values for 37 L dwarfs between spectral types L0 and L8 and 19 T dwarfs between spectral types T0.5 and T8 and present selected absolute magnitude versus spectral type and color diagrams, based on these results. Luminosities and temperatures are estimated for these objects. Of special interest are the distances of several objects that are at or near the L-T dwarf boundary so that this important transition can be better understood. The previously reported early to mid T dwarf luminosity excess is clearly confirmed and found to be present at J, H, and K. The large number of objects that populate this luminosity-excess region indicate that it cannot be due entirely to selection effects. The T dwarf sequence is extended to MJ ≈ 16.9 by 2MASS J041519-0935, which, at d = 5.74 pc, is found to be the least luminous [log(L/L⊙) = -5.58] and coldest (Teff ≈ 760 K) brown dwarf known. Combining results from this paper with earlier USNO CCD results we find that, in contrast to the L dwarfs, there are no examples of low-velocity (Vtan < 20 km s-1) T dwarfs. This is consistent with the T dwarfs in this study being generally older than the L dwarfs. We briefly discuss future directions for the USNO

... and academic integrity

ATHENA



https://wp.technologyreview.com/wp-content/uploads/2023/02/Al-liar-search1.jpeg?fit=1080,607

Where is the line between Al and ...

ATHENA

It all begins and ends with us

Glossary of academic integrity https://www.academicintegrity.eu/wp/glossary/



ABOUT ENAI ~

- English Glossary for Academic Integrity
- Čeština − Slovník pro akademickou etiku
- Deutsch Glossar für akademische Integrität

- O Italiano Glossario per l'Integrità Accademica
- O Latviešu valodā Akadēmiskā godīguma terminu vārdnīca
- O Lietuvių Aiškinamasis akademinio sąžiningumo terminų žodynas
- Português Glossário de Integridade Académica
- Slovenski − Glosar akademske integritete

GHOST AUTHORSHIP

Misleading attribution

The practice of using a non-named (merited, but not listed) author to write or prepare a text for publication.

Oxford University Press. OUP statement on publication ethics, https://academic.oup.com/journals/pages/authors/ethics

GHOST WRITER

Ghost author

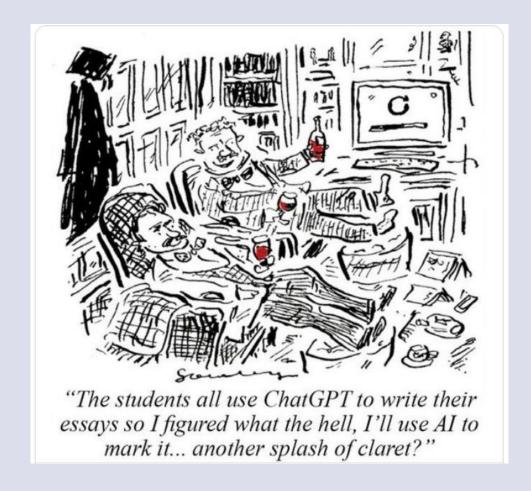
- (1) A writer who is not named as an author and not given credit for the work.
- (2) A writer who assists in the production of work resulting in unfair advantage to someone else.

ENAI

GHOSTWRITING

- (1) To write for or in the name of someone else.
- (2) To assist in the production of work resulting in unfair advantage to someone else.

ENAI





can you grade an abstract





Yes, I can assist you in grading an abstract. Please provide the abstract text, and I will evaluate it for you.









The CS-23 category in the General Aviation domain requires affordable, greener technologies and support single-pilot operation. The CS2 COAST project addresses these needs by proposing i) a leap-change in computation performance, ii) reduction of development and operational costs, and iii) reduction of Size, Weight, Power, and Cost (SWaPC). In the COAST project, the findings in these technological areas are packaged in a common platform referred as a Compact Computing Platform (CCP). The CCP effort is split in two areas of development-Platform Engineering and Innovative Elements. The first area covers the development of the necessary Hardware (HW) and Software (SW) building blocks. The second area corresponds to the advanced features that provide product differentiation and competitive advantage on the market. In this paper, we briefly describe the most significant SW and HW components from both technological areas and their potential integration in a demonstrator.

Print screen 18.5.2023

ATHENA



Based on the provided abstract, here's a brief evaluation and grading:

Clarity and Focus: The abstract clearly introduces the topic by highlighting the requirements of the CS-23 category in the General Aviation domain. It states that affordable, greener technologies and support for single-pilot operation are necessary. The CS2 COAST project is then introduced as a solution to address these needs.

Content: The abstract outlines the proposed objectives of the CS2 COAST project, which include a leap-change in computation performance, reduction of development and operational costs, and reduction of Size, Weight, Power, and Cost (SWaPC). It mentions the packaging of findings into a Compact Computing Platform (CCP) and highlights the two areas of development within the CCP effort: Platform Engineering and Innovative Elements. The abstract concludes by stating the intention to describe significant software (SW) and hardware (HW) components and their potential integration in a demonstrator.

Language and Style: The language used in the abstract is clear and concise, effectively conveying the main points. Technical terms and abbreviations are introduced but explained in context, making it accessible to readers. The style is formal and appropriate for an abstract.

Overall, based on the provided abstract, I would assign it a preliminary grade of B+. The abstract effectively presents the topic, objectives, and components of the CS2 COAST



aviation engineering

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Top 100 relevant results, sorted by most influential

Fields of Study V

Date Range V Has PDF

Author ~

Journals & Conferences >

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ATHENA

Compact Computing Platform for Future General Aviation in the COAST Project

P. Zaykov, J. Beran, P. Axman Computer Science 2021

TLDR The most significant SW and HW components from both technological areas and their potential integration in a demonstrator are described. Expand





aviation engineering

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DOI: 10.1088/1757-899X/1024/1/012088 · Corpus ID: 234217343

Compact Computing Platform for Future General Aviation in the COAST Project

P. Zaykov, J. Beran, P. Axman • Published 2021 • Computer Science • IOP Conference Series: Materials Science and Engineering

The CS-23 category in the General Aviation domain requires affordable, greener technologies and support singlepilot operation. The CS2 COAST project addresses these needs by proposing i) a leap-change in computation performance, ii) reduction of development and operational costs, and iii) reduction of Size, Weight, Power, and Cost (SWaPC). In the COAST project, the findings in these technological areas are packaged in a common platform referred as a Compact Computing Platform (CCP). The CCP effort is split in two areas of development-Platform Engineering and Innovative Elements. The first area covers the development of the necessary Hardware (HW) and Software (SW) building blocks. The second area corresponds to the advanced features that provide product differentiation and competitive advantage on the market. In this paper, we briefly describe the most significant SW and HW components from both technological areas and their potential integration in a demonstrator. Collapse

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https://www.youtube.com/watch?v=QxuyfWoVV98

Questions?



Thank you

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