

WILEY

ENABLING DISCOVERY | POWERING EDUCATION | SHAPING WORKFORCES

Wiley's Perspective on AI's Role in Research and Publication

Корпоративные библиотечные системы: технологии и инновации» - КорФор-2024

Dr. Ing. Fabio Di Bello
Senior Customer Training Manager
Wiley

Total Worldwide output at Wiley

WILEY Online Library Uni d Chieti Pescara "Artificial Intelligence" OR "Machi" Fabio

596,149 results for ""Artificial Intelligence" OR "Machine learning" OR "deep learning" OR "AI"" anywhere

★ SAVE SEARCH RSS

Articles & Chapters (596,149) Publications (275) Collections (3,683)

Filters

Publication Type ^

- Journals 537,683
- Books 53,493
- Reference works 4,973

Publication Date ^

- Last Week 853
- Last Month 3,390

Refine Search

Sorted by: Relevance

Export Citation(s)

REVIEW Full Access

Artificial intelligence, machine learning and deep learning in musculoskeletal imaging: Current applications

Tommaso D'Angelo MD, Danilo Caudo MD, Alfredo Blandino MD, Moritz H. Albrecht MD, Thomas J. Vogl MD, Leon D. Gruenewald MD, Michele Gaeta MD, Ibrahim Yel MD, Vitali Koch MD, Simon S. Martin MD, Lukas Lenga MD, Giuseppe Muscogiuri MD, Sandro Sironi MD, Silvio Mazziotti MD, Christian Booz MD

Journal of Clinical Ultrasound | Volume 50, Issue 9

Total output at Wiley in the last 5 years

WILEY Online Library | Università degli Studi di Chieti Pescara | "Artificial Intelligence" OR "Machine learning" OR "deep learning" OR "AI" anywhere | Fabio

165,122 results for ""Artificial Intelligence" OR "Machine learning" OR "deep learning" OR "AI"" anywhere

★ SAVE SEARCH | RSS

Articles & Chapters (165,122) | Publications (223) | Collections (2,683)

Applied Filters | Clear all × | Refine Search ▾ | Sorted by: Relevance ▾

Last 5 Years ×

Filters

Publication Type ^

- Journals 149,820
- Books 14,662
- Reference works 640

REVIEW [Full Access](#)

Artificial intelligence, machine learning and deep learning in musculoskeletal imaging: Current applications

Tommaso D'Angelo MD, Danilo Caudo MD, Alfredo Blandino MD, Moritz H. Albrecht MD, Thomas J. Vogl MD, Leon D. Gruenewald MD, Michele Gaeta MD, Ibrahim Yel MD, Vitali Koch MD, Simon S. Martin MD, Lukas Lenga MD, Giuseppe Muscogiuri MD, Sandro Sironi MD, Silvio Mazziotti MD, Christian Booz MD

Total output at Wiley published by Authors from Russian affiliation

WILEY Online Library Uni d Chieti Pescara "Artificial Intelligence" OR "Machi" Fabio

4,381 results for ""Artificial Intelligence" OR "Machine learning" OR "deep learning" OR "AI"" anywhere and "russia" in Author Affiliation

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Articles & Chapters (4,381)

Filters

Publication Type ^

- Journals 4,034
- Books 307
- Reference works 40

Publication Date ^

- Last Week 4
- Last Month 14
- Last 3 Months 19

Refine Search

Sorted by: Relevance

Export Citation(s)

chapter [Full Access](#)

Hydroinformatics and Applications of Artificial Intelligence and Machine Learning in Water-Related Problems

Gerald A. Corzo Perez, Dimitri P. Solomatine

Advanced Hydroinformatics: Machine Learning and Optimization for Water Resources

First published: 15 December 2023

901 publications in the last 5 years

Total number of publications funded by Russian Funders

WILEY Online Library Uni degli Chieti Pescara "Artificial Intelligence" OR "Machir" Fabio

686 results for ""Artificial Intelligence" OR "Machine learning" OR "deep learning" OR "AI"" anywhere and "russia" in Funding Agency

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Articles & Chapters (686)

Refine Search Sorted by: Relevance

Export Citation(s)

REVIEW ARTICLE [Full Access](#)

Modern machine-learning applications in ambient ionization mass spectrometry

Anatoly A. Sorokin, Stanislav I. Pekov, Denis S. Zavorotnyuk, Mariya M. Shamraeva, Denis S. Bormotov, Igor A. Popov

Mass Spectrometry Reviews | Early View

First published: 26 April 2024

Abstract

Research output AI in medicine from Russian Affiliations

WILEY Online Library Uni degli Chieti Pescara "Artificial Intelligence" OR "Machi" Fabio

979 results for ""Artificial Intelligence" OR "Machine learning" OR "deep learning" OR "AI"" anywhere and "medicine" anywhere and "russia" in Author Affiliation

★ SAVE SEARCH RSS

Articles & Chapters (979)

Filters

Publication Type ^

- Journals 932
- Books 39
- Reference works 8

Publication Date ^

- Last Week 1
- Last Month 6

Refine Search

Sorted by: Relevance

Export Citation(s)

REVIEW ARTICLE Full Access

Modern machine-learning applications in ambient ionization mass spectrometry

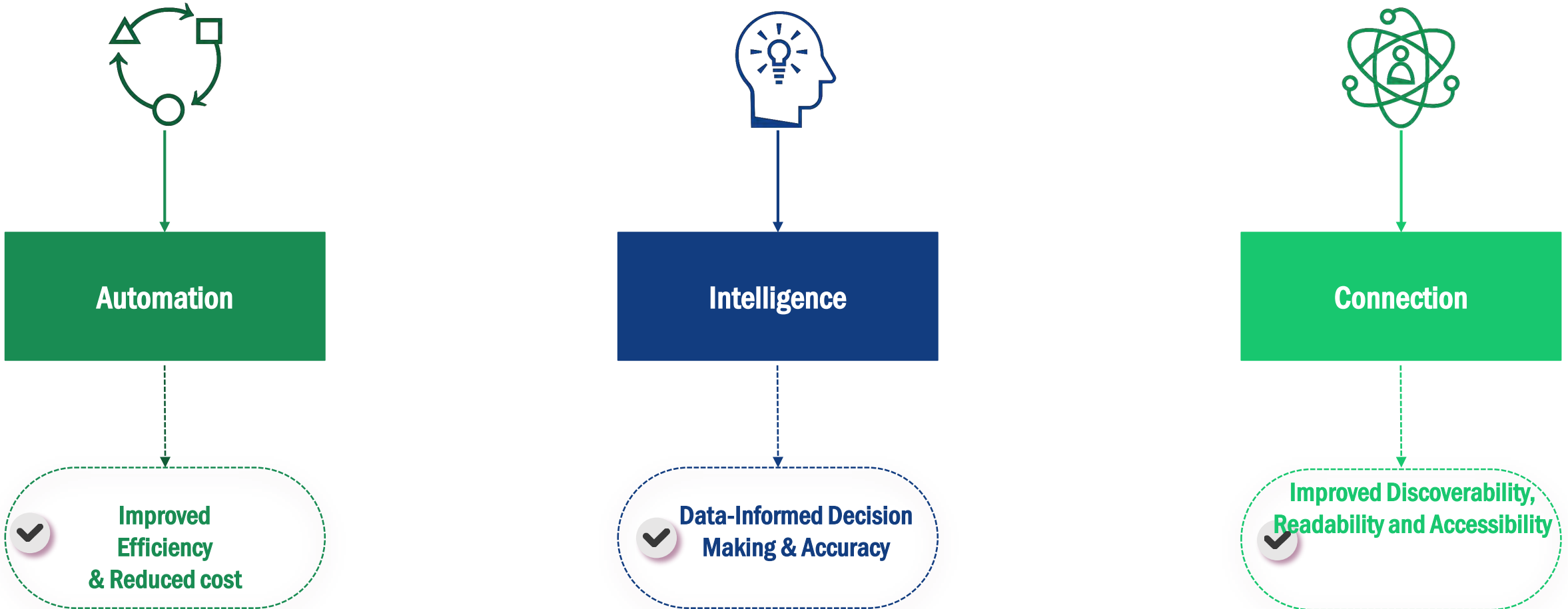
Anatoly A. Sorokin, Stanislav I. Pekov, Denis S. Zavorotnyuk, Mariya M. Shamraeva, Denis S. Bormotov, Igor A. Popov

Mass Spectrometry Reviews | Early View

First published: 26 April 2024

Digital Transformation: AI + Big Data + Cloud (ABC)

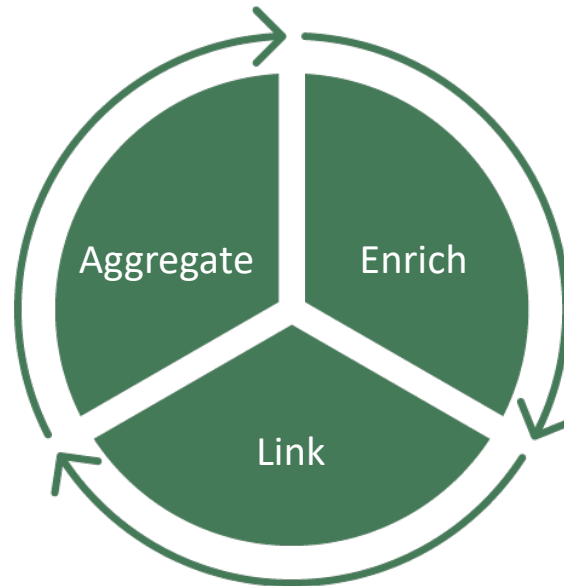
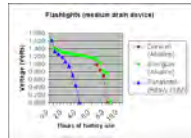
Goal: To Facilitate People (not replace them)



From a Content to a Knowledge

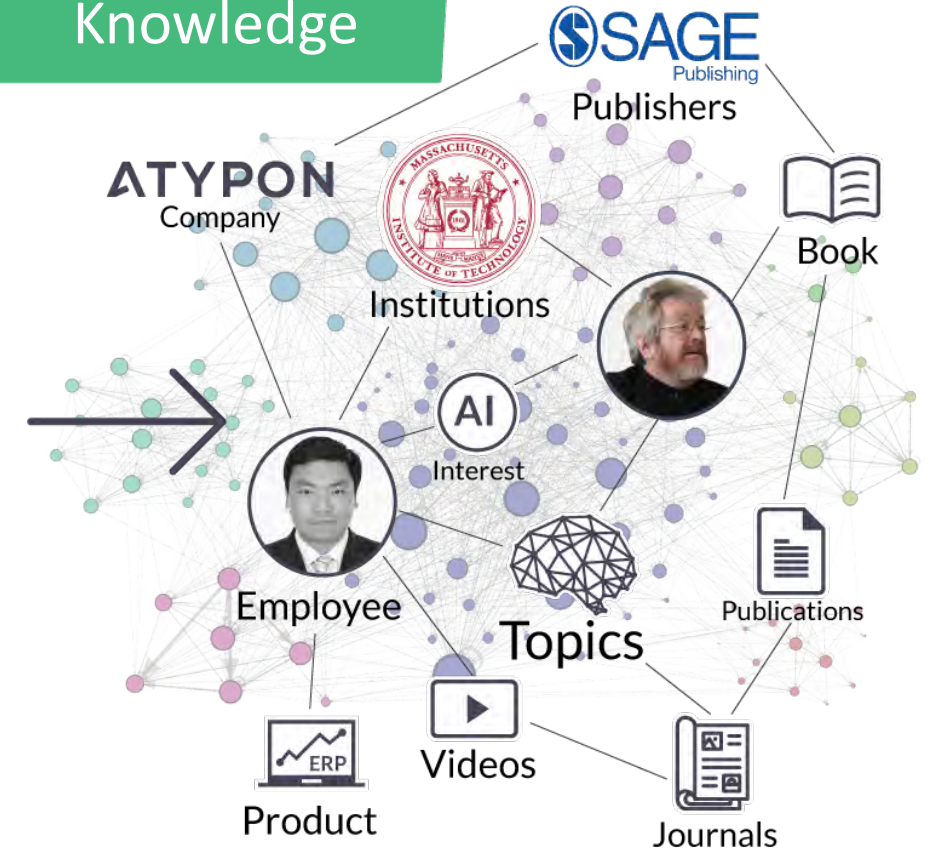
Content

Time min	Temp °C	Conductivity mS/cm	Concentration wt%	Phase Diagram wt%
0	-1.00	52.0	3.4	1.1
30	-2.00	52.1	3.4	2.2
50	-2.50	51.1	3.7	2.5
70	-2.50	62.3	4.1	2.8
90	-2.69	67.4	4.4	3.0
105	-2.53	72.7	4.8	3.2
120	-3.10	76.0	5.0	3.4

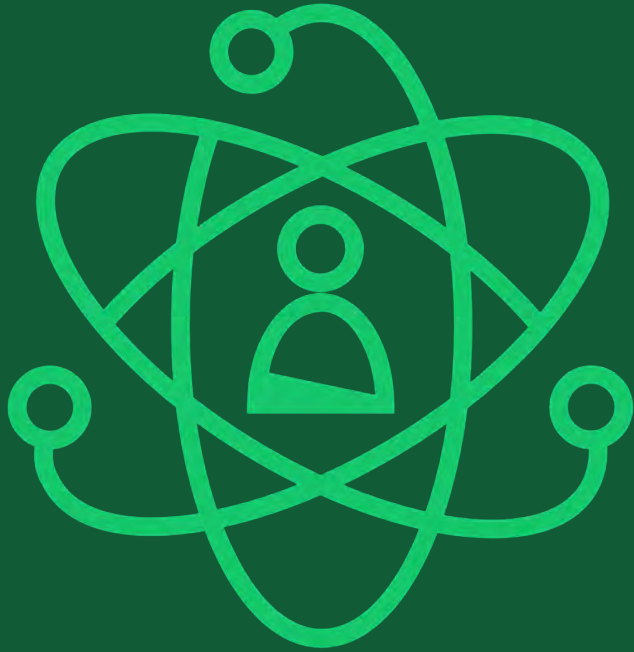


Name	UserId	PubId	PageId	ActionTime
1	251819348	41518104	1033	48:21.3
2	298382030	41219686	1033	48:22.4
3	298382032	41415282	1033	48:25.0

Knowledge



WILEY



Content Generation

Readability and Writing Quality Check and Improvement

ChatGPT can:

- Evaluate the writing quality and give reasonable feedback
- Understand specific terms and make correction (but not always)
- Re-write the manuscript with better sentence structure and words so that the readability is much improved:

YI

How is the readability of following text: {In TMC, doctors write down what they did to help their patients get better. This is important for TMC to get better. The records are usually from books, cases, and the internet, but they don't have all the information. This paper talks about a way to sort the records using a computer program. First, the books are turned into computer files, and the words are put in groups. Then, a computer program is used to find out what the records are about. This helps to sort the records, and the new way is better than the old way.}



The readability of the text is fair, but it could be improved. Here's an example of how to make it more readable:

Traditional Chinese Medicine (TCM) doctors document their treatments to help their patients recover. However, records from books, cases, and the internet don't always contain all the necessary information.

To address this issue, this paper presents a novel way of sorting TCM records using a computer program. First, the books are digitized and the information is grouped into categories. Then, the computer program analyzes each record to determine its topic. This approach streamlines the sorting process and outperforms traditional methods.

In conclusion, this paper proposes an innovative approach to managing TCM records by utilizing computer technology. The new method improves efficiency and accuracy, addressing a long-standing challenge in TCM.

Title & Abstract Generation

ChatGPT can generate any length of abstract and title with logical explanation

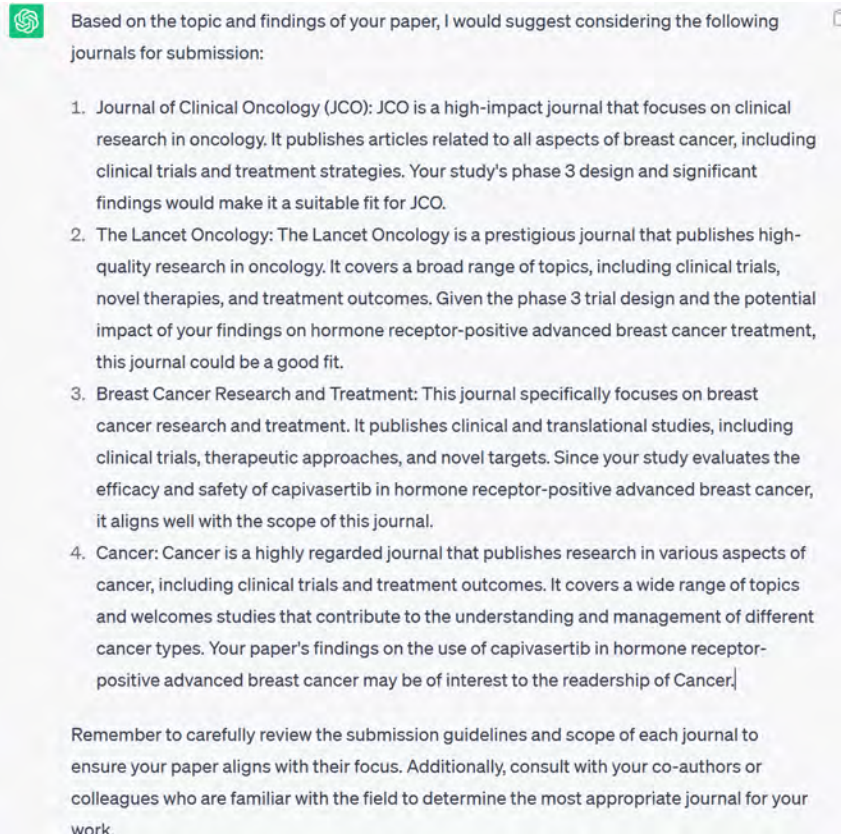
Title: [Embracing Generative AI in Business, Research, and Society](#)

Explanation: “This title reflects the key points discussed throughout the entire text, highlighting the impact of generative AI and large language models in various aspects of our lives, from business strategies and applications to technology, ethics, and human-machine interaction. The title also emphasizes how the rapid evolution of AI is revolutionizing information discovery, education, research integrity, and AI research and development, while stressing the importance of trust, risk, and security management in AI systems.”

Abstract: Generative AI is revolutionizing information discovery, domain-specific applications, and task-specific solutions, while fostering advancements in human-machine interaction. As AI becomes more accessible, it's crucial to balance its benefits with ethical and governance considerations, addressing privacy concerns and regulations. Personal thoughts on the Intelligence Revolution emphasize the potential of AI in education, research, and career development, as well as the need for maintaining research integrity and managing AI trust, risk, and security. The rapid development of AI technology presents both opportunities and challenges that individuals and organizations must adapt to and address for a successful transition into an AI-driven future.

Where to Submit – Journal Suggestion

ChatGPT and Journal Finder give some common suggestions. But dedicated Journal Finder gives the correct answer. ChatGPT and recommend related top-tier journals only.



Based on the topic and findings of your paper, I would suggest considering the following journals for submission:

- Journal of Clinical Oncology (JCO):** JCO is a high-impact journal that focuses on clinical research in oncology. It publishes articles related to all aspects of breast cancer, including clinical trials and treatment strategies. Your study's phase 3 design and significant findings would make it a suitable fit for JCO.
- The Lancet Oncology:** The Lancet Oncology is a prestigious journal that publishes high-quality research in oncology. It covers a broad range of topics, including clinical trials, novel therapies, and treatment outcomes. Given the phase 3 trial design and the potential impact of your findings on hormone receptor-positive advanced breast cancer treatment, this journal could be a good fit.
- Breast Cancer Research and Treatment:** This journal specifically focuses on breast cancer research and treatment. It publishes clinical and translational studies, including clinical trials, therapeutic approaches, and novel targets. Since your study evaluates the efficacy and safety of capivasertib in hormone receptor-positive advanced breast cancer, it aligns well with the scope of this journal.
- Cancer:** Cancer is a highly regarded journal that publishes research in various aspects of cancer, including clinical trials and treatment outcomes. It covers a wide range of topics and welcomes studies that contribute to the understanding and management of different cancer types. Your paper's findings on the use of capivasertib in hormone receptor-positive advanced breast cancer may be of interest to the readership of Cancer.

Remember to carefully review the submission guidelines and scope of each journal to ensure your paper aligns with their focus. Additionally, consult with your co-authors or colleagues who are familiar with the field to determine the most appropriate journal for your work.

[This paper](#) is published in
The New England Journal of Medicine

ChatGPT VS Journal Finder



European Journal of Cancer

Publisher: Elsevier
ISSN: 0959-8049

Relevance: 54%

Additional info: Open Access 605296

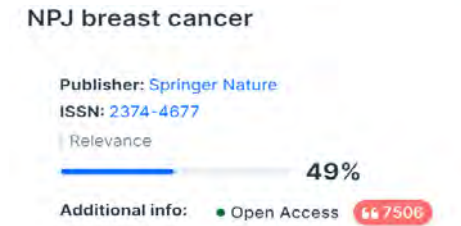


The New England Journal of Medicine

Publisher: New England Journal of Medicine
ISSN: 0028-4793

Relevance: 53%

Additional info: Open Access 9191599



NPJ breast cancer

Publisher: Springer Nature
ISSN: 2374-4677

Relevance: 49%

Additional info: Open Access 7506

Content Summarization

Extractive Summary:

Effects of Vitamin D on Endometriosis-Related Pain: A Double-Blind Clinical Trial

- Before laparoscopy, the mean pelvic pain score in the vitamin D group was 4.05 ± 3.45 and 4.82 ± 4.1 ($p=0.513$) in the placebo group. Before laparoscopy, the mean dysmenorrhea pain score in the vitamin D group was 7.37 ± 2.61 and in placebo group it was 6.42 ± 3.04 ($p=0.325$).
- Table 2 shows a comparison between the 2 groups for severity of pelvic pain and/or dysmenorrhea at different time points (before laparoscopy, in second menses after laparoscopy, and at 24 weeks after laparoscopy). **At the second menses after laparoscopy, there was no significant difference between the 2 groups for pelvic pain ($p=0.583$) and dysmenorrhea ($p=0.365$), and at 24 weeks after laparoscopy there was no significant difference between mean pain scores in the 2 groups.** Mean pelvic pain at 24 weeks after laparoscopy in the vitamin D group was 0.84 ± 1.74 and in placebo group it was 0.68 ± 1.70 ($p=0.513$).
- We explored the relationship between vitamin D and endometriosis in a double-blind, randomized clinical trial looking at the effect of vitamin D supplementation on cessation of pain in proven endometriosis after laparoscopic diagnosis and treatment.
- **There may be a relationship between vitamin D and pathogenesis of endometriosis, but in our study vitamin D was not effective in treatment of endometriosis-related pain.**
- In this double-blind, randomized clinical trial, at 24 weeks after laparoscopic treatment of endometriosis there was no significant difference between effect of vitamin D3 (cholecalciferol) and placebo on severity of dysmenorrhea and/or pelvic pain.
- The remaining 39 cases were randomly assigned in vitamin D ($n=19$) or placebo treatment ($n=20$) groups.
- After authorization by the university Ethics Committee, eligible patients were assigned by simple randomization to receive either vitamin D or placebo. In the vitamin D group (D group), we prescribed oral vitamin D 50 000 iu/weekly for 12 weeks (capsule D-Vigel, vitamin D3 50 000 iu, Daana Pharma Co. Tabriz-Iran) and in the placebo group (P group) we prescribed 1 capsule of placebo (Daana Pharma Co. Tabriz-Iran) weekly for 12 weeks.
- **Mean dysmenorrhea was 2.10 ± 2.33 in the vitamin D group and 2.73 ± 2.84 in the placebo group ($p=0.45$).**

ChatGPT Summary

This paper presents the results of a double-blind, randomized clinical trial that investigated the effect of vitamin D supplementation on the cessation of pain in women with endometriosis. The study involved 39 women with proven endometriosis who were randomly assigned to receive either vitamin D or placebo treatment. The severity of dysmenorrhea (menstrual pain) and pelvic pain was assessed using a visual analogue scale (VAS) test before laparoscopy, at the second menstrual cycle after laparoscopy, and at 24 weeks after laparoscopy. The results showed that there was no significant difference in pain severity between the vitamin D and placebo groups at 24 weeks after laparoscopy. This study is the first randomized clinical trial to explore the potential relationship between vitamin D treatment and relief of endometriosis-related pain. However, it should be noted that the sample size was small, and the study did not measure the participants' vitamin D levels before intervention. Therefore, the authors suggest that the observed lack of significant difference in pain severity could be attributed to the possibility that the prescribed dose and duration of vitamin D supplementation were only beneficial for treating vitamin D deficiency rather than endometriosis itself.

Extraction + ChatGPT Summary

This paper presents the findings of a double-blind, randomized clinical trial that aimed to explore the relationship between vitamin D supplementation and endometriosis-related pain. The study focused on the effect of vitamin D on the cessation of pain in individuals with proven endometriosis after laparoscopic diagnosis and treatment. A total of 39 eligible patients were randomly assigned to either the vitamin D group ($n=19$) or the placebo group ($n=20$). **The study measured the severity of pelvic pain and dysmenorrhea before laparoscopy in both groups, finding no significant difference between the two groups.** Similar results were observed at the second menses after laparoscopy and at 24 weeks after laparoscopy, indicating that vitamin D supplementation did not have a significant impact on pain reduction compared to the placebo group. Mean pain scores for pelvic pain and dysmenorrhea at 24 weeks after laparoscopy were comparable between the vitamin D and placebo groups. Specifically, the **mean pelvic pain score was 0.84 ± 1.74 in the vitamin D group and 0.68 ± 1.70 in the placebo group ($p=0.513$).** Furthermore, the **mean dysmenorrhea score was 2.10 ± 2.33 in the vitamin D group and 2.73 ± 2.84 in the placebo group ($p=0.45$).** Although there is a potential relationship between vitamin D and the pathogenesis of endometriosis, **the results of this study indicate that vitamin D supplementation was not effective in treating endometriosis-related pain.** Therefore, the findings suggest that alternative treatment approaches should be considered for managing pain in individuals with endometriosis.

Deeper Information Discovery

Challenge

Information Overload

Structured Knowledge Embedded in
Unstructured Text

Solution

Key Entity Identification & Extraction

Knowledge Mining & Search

Specific Entities Mining

Knowledge Mining takes valuable information from customers' existing content to create a more structured layout and generate new business opportunities.

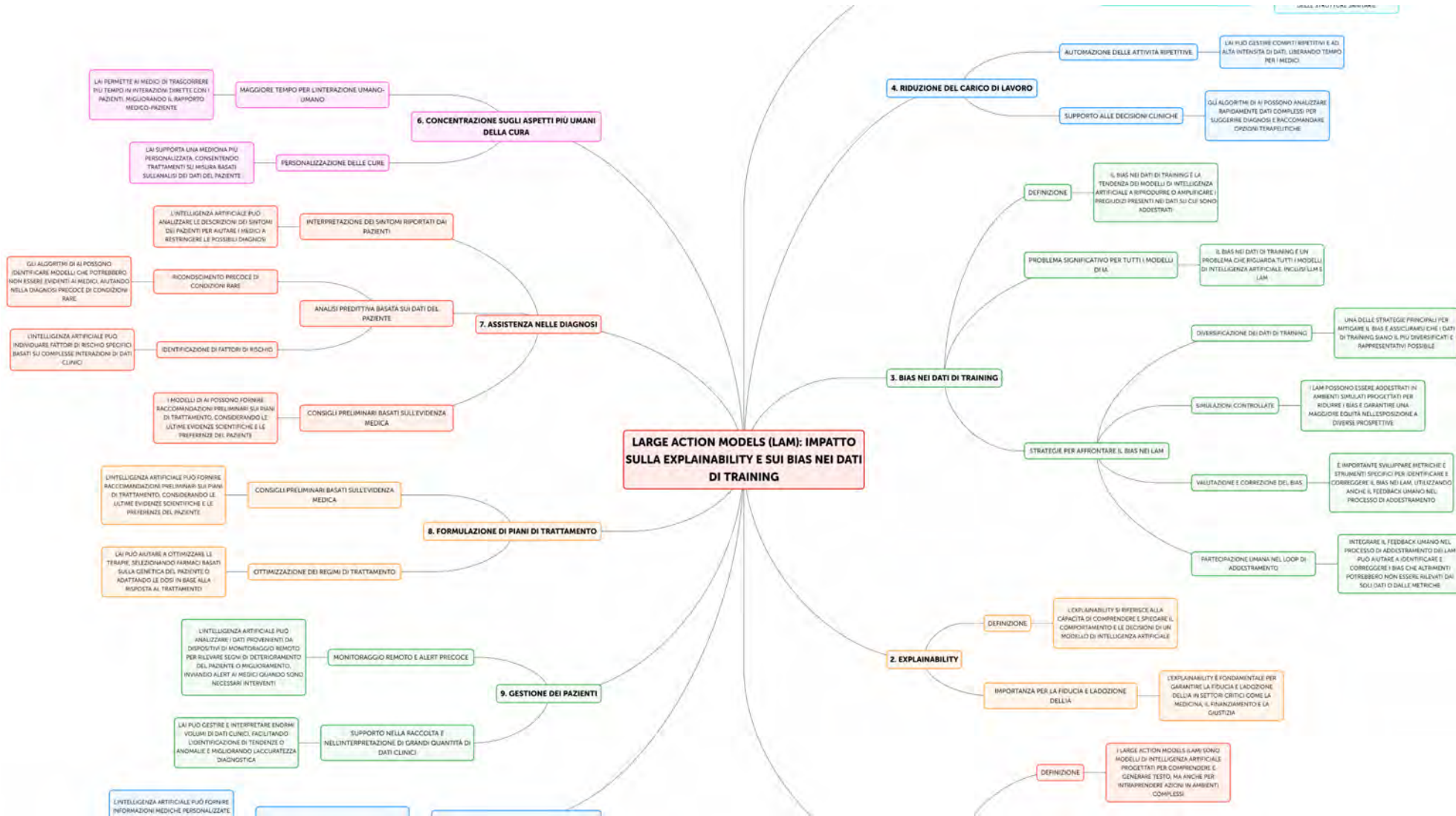
Existing Content

Inogatran, which is a polar, cationic molecule with a molecular weight of 439 Da, is expected to be excreted in the bile [14]. Inogatran given after thrombolysis only partially prevents reocclusion because large amounts of thrombin generation occur during the early stages of thrombolysis. We investigated the micellar behavior of a series of asymmetric polystyrene-block-poly (4-vinylpyridine) (PS-b-P4VP) block copolymers in different P4VP-selective alcoholic solvents. The PS-b-P4VP block copolymer used had a molecular weight of 59 000 g mol⁻¹, where the volume fraction of PS block was roughly 0.3. The time-resolved (in situ) dynamic light scattering (DLS) measurements, in combination with (ex situ) electron microscopy imaging, revealed information about the aggregation state of PS-b-P4VP BCP in different alcohols and the effect of heat treatment. These are determined from the binding energies of CH₄, C₂H₂ and C₂H₆. Two sets of experimental values are considered according to the two possible (as yet undecided) values of the heat of evaporation of diamond of 141 and 170 kcal/mol. After the values of the integrals are fixed the binding energy of C₂H₄ and the dissociation energies CH₄ → CH₃ + H, C₂H₂ → C₂H + H and C₂H₆ → C₂H₅ + H can be calculated and compared with the experiments (Table 1).

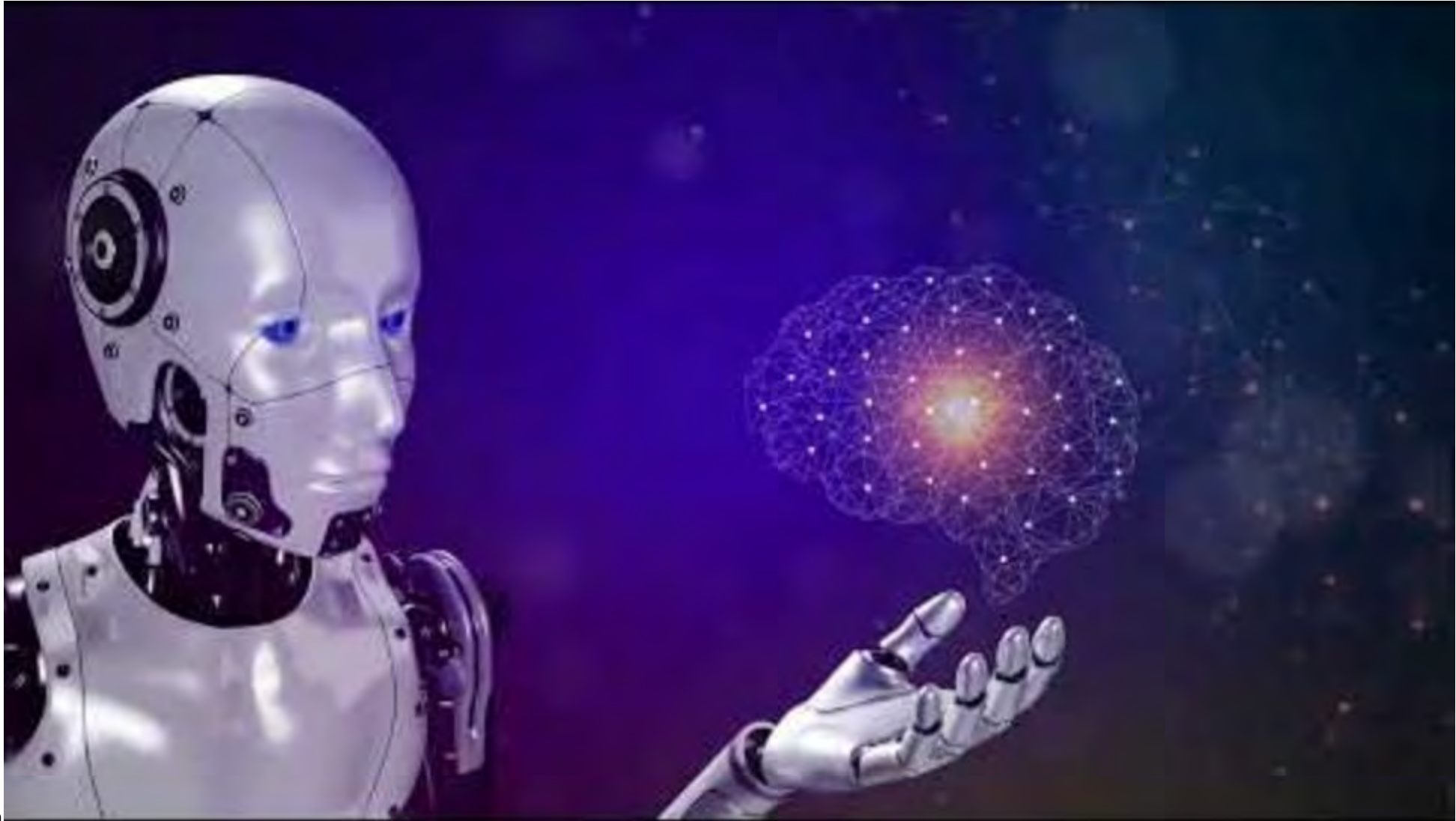
Structured Data

#	Compound	Property	Value	Unit
1				
2				
3				

Improve readability and graphic visualization of knowledge



Transforming a scientific paper into a Video



Multimedia Content Discovery

Multimedia content discovery includes topic, image, video and funder searches:

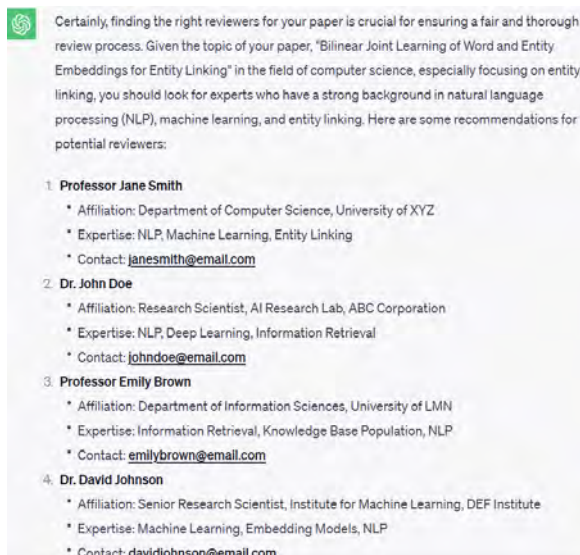
The screenshot shows a search interface for a research database. At the top, there is a search bar with a dropdown menu set to 'Funder' and the text 'NIH' entered. To the right of the search bar is a magnifying glass icon and a link to 'Advanced search'. Below the search bar, there are two tabs: 'Articles (93565)' which is currently selected, and 'Databases (211)'. Underneath the tabs, there are options for 'Download citations' and 'Download PDFs', followed by sorting options 'Order by Relevance' and '10 per page'. The main content area displays two search results. The first result is titled 'Research misconduct, NSF v NIH: Its nature and prevalence and the impact of their respective methods of investigation and adjudication >' by Donald S. Kornfeld, published in 'Accountability in Research, Volume 26, 2019 - Issue 6'. It includes a button for 'Open URL' and links for 'Abstract' and 'Full Text'. The second result is titled 'Is there a trade-off between academic research and faculty entrepreneurship? Evidence from US NIH supported biomedical researchers >' by Dirk Czarnitzki & Andrew A. Toole, published in 'Economics of Innovation and New Technology, Volume 19, 2010 - Issue 5'. It also includes links for 'Abstract' and 'Full Text'.

Reviewer Suggestion

Journal editor ask AI to suggest some reviewers for giving title and abstract of [paper](#) as shown below

I am a journal editor in computer science area and I have following paper with title:{Bilinear joint learning of word and entity embeddings for Entity Linking} and abstract:{Entity Linking (EL) is the task of resolving mentions to referential entities in a knowledge base, which facilitates applications such as information retrieval, question answering, and knowledge base population. In this paper, we propose a novel embedding method specifically designed for EL. The proposed model jointly learns word and entity embeddings which are located in different distributed spaces, and a bilinear model is introduced to simulate the interaction between words and entities. We treat EL as a ranking problem, and utilize a pairwise learning-to-rank framework with features constructed with learned embeddings as well as conventional EL features. Experimental results show the proposed model produces effective embeddings which improve the performance of our EL algorithm. Our method yields the state-of-the-art performances on two benchmark datasets CoNLL and TAC-KBP 2010.}. Can you give me recommendations about reviewers for this paper?

ChatGPT

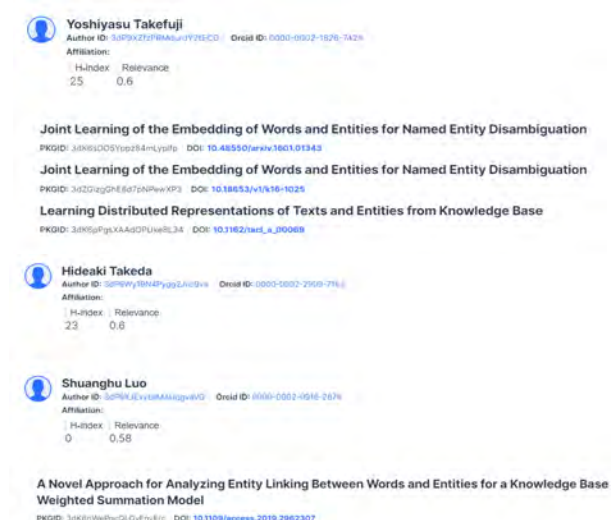


Certainly, finding the right reviewers for your paper is crucial for ensuring a fair and thorough review process. Given the topic of your paper, "Bilinear Joint Learning of Word and Entity Embeddings for Entity Linking" in the field of computer science, especially focusing on entity linking, you should look for experts who have a strong background in natural language processing (NLP), machine learning, and entity linking. Here are some recommendations for potential reviewers:

- Professor Jane Smith**
 - Affiliation: Department of Computer Science, University of XYZ
 - Expertise: NLP, Machine Learning, Entity Linking
 - Contact: janesmith@email.com
- Dr. John Doe**
 - Affiliation: Research Scientist, AI Research Lab, ABC Corporation
 - Expertise: NLP, Deep Learning, Information Retrieval
 - Contact: [johndoe@email.com](mailto: johndoe@email.com)
- Professor Emily Brown**
 - Affiliation: Department of Information Sciences, University of LMN
 - Expertise: Information Retrieval, Knowledge Base Population, NLP
 - Contact: emilybrown@email.com
- Dr. David Johnson**
 - Affiliation: Senior Research Scientist, Institute for Machine Learning, DEF Institute
 - Expertise: Machine Learning, Embedding Models, NLP
 - Contact: davidjohnson@email.com

ChatGPT gives non exist reviewers

Our Own Reviewer Finder



Yoshiyasu Takefuji
Author ID: [SAPDXXZ7P8MAAUFY7RECD](#) ORCID ID: [0000-0002-1876-7428](#)
Affiliation:
H-index: 25 Relevance: 0.6

Hideaki Takeda
Author ID: [SAP9WY58H2YGG2A89V4](#) ORCID ID: [0000-0002-2959-7766](#)
Affiliation:
H-index: 23 Relevance: 0.6

Shuanghu Luo
Author ID: [SAP7N4J5V88MAA8Q94VQ](#) ORCID ID: [0000-0002-4946-2676](#)
Affiliation:
H-index: 0 Relevance: 0.58

Joint Learning of the Embedding of Words and Entities for Named Entity Disambiguation
PKCID: [38X6SD0S1ye254mLyp8s](#) DOI: [10.48550/arXiv.1803.01343](#)

Joint Learning of the Embedding of Words and Entities for Named Entity Disambiguation
PKCID: [34ZDz2G2HE8475APWXP3](#) DOI: [10.18653/v1/K16-1025](#)

Learning Distributed Representations of Texts and Entities from Knowledge Base
PKCID: [38X5pFgsAAAGD7Uw8L34](#) DOI: [10.1162/tacl_a_00088](#)

A Novel Approach for Analyzing Entity Linking Between Words and Entities for a Knowledge Base Weighted Summation Model
PKCID: [3aK0pWefpQL0vF7y8E](#) DOI: [10.1109/ACCESS.2019.2962307](#)

Ours returns real relevant researchers with h-index, ORCID, relevancy score and relevant publication

ChatGPT doesn't perform well in this experiment and their results contain serious issues. Dedicated reviewer suggestion service give more reliable results with richer info!

Wider Information Discovery

Challenge

Data Silos

Need for Cross-Disciplinary
Research

Solution

Classifications

Milestone Paper

Research Analytics

Content Classification

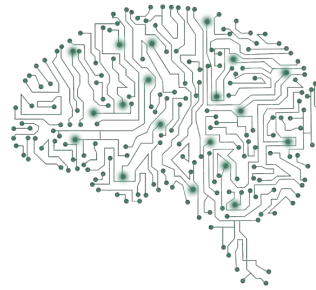
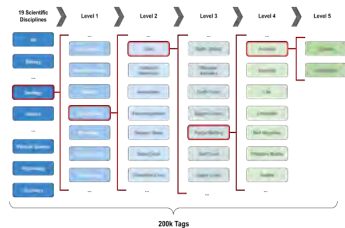
**PUBLISHER-SPECIFIC
TAXONOMIES**



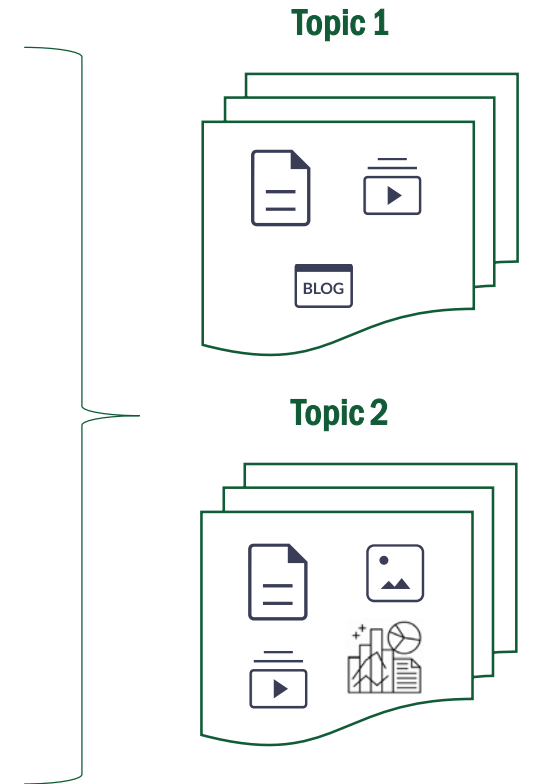
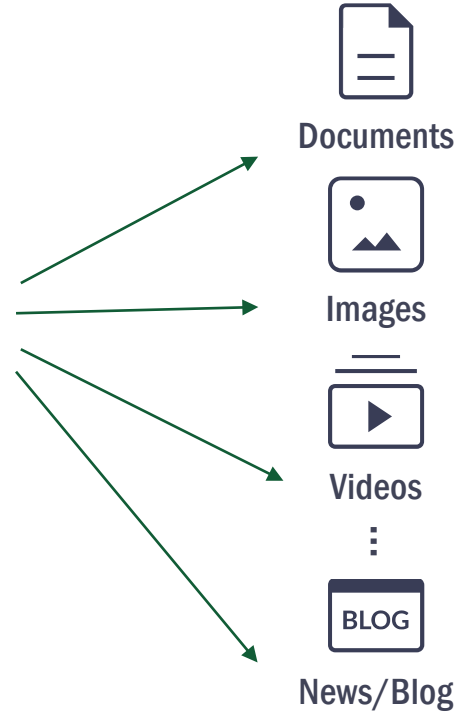
**PUBLIC
TAXONOMIES
(MeSH, UN SDG)**



**GLOBAL
TAXONOMY**



AUTO TAGGER



What is unethical?

EuCheMS guidelines:

'Scientific misconduct in publishing includes but is not limited to':



Fraud

Duplicate submission

Duplicate publication

Inadequate citing

Plagiarism - AI

Self-plagiarism

AI-powered Papermill Detection through Research Exchange

Our Papermill Detection service, which we [announced at the London Book Fair](#), is one of many ways we're advancing our technology to meet the specific needs of research publishers and societies. The service will be available through Research Exchange, an integrated, state-of-the-art, submission and peer review system, as soon as next year. Internal beta tests have shown promising results as we move to the next phase of testing with Sage and IEEE.



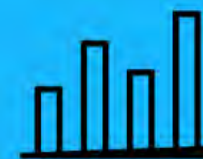
10,000
submissions per month

Deeply integrated into 270+ journal workflows, more than 10,000 submissions a month flow through fundamental checks at multiple touchpoints



10-13%
of all submissions

For journals on these workflows, this early screening phase detects at least one signal requiring further human review in 10-13% of submissions

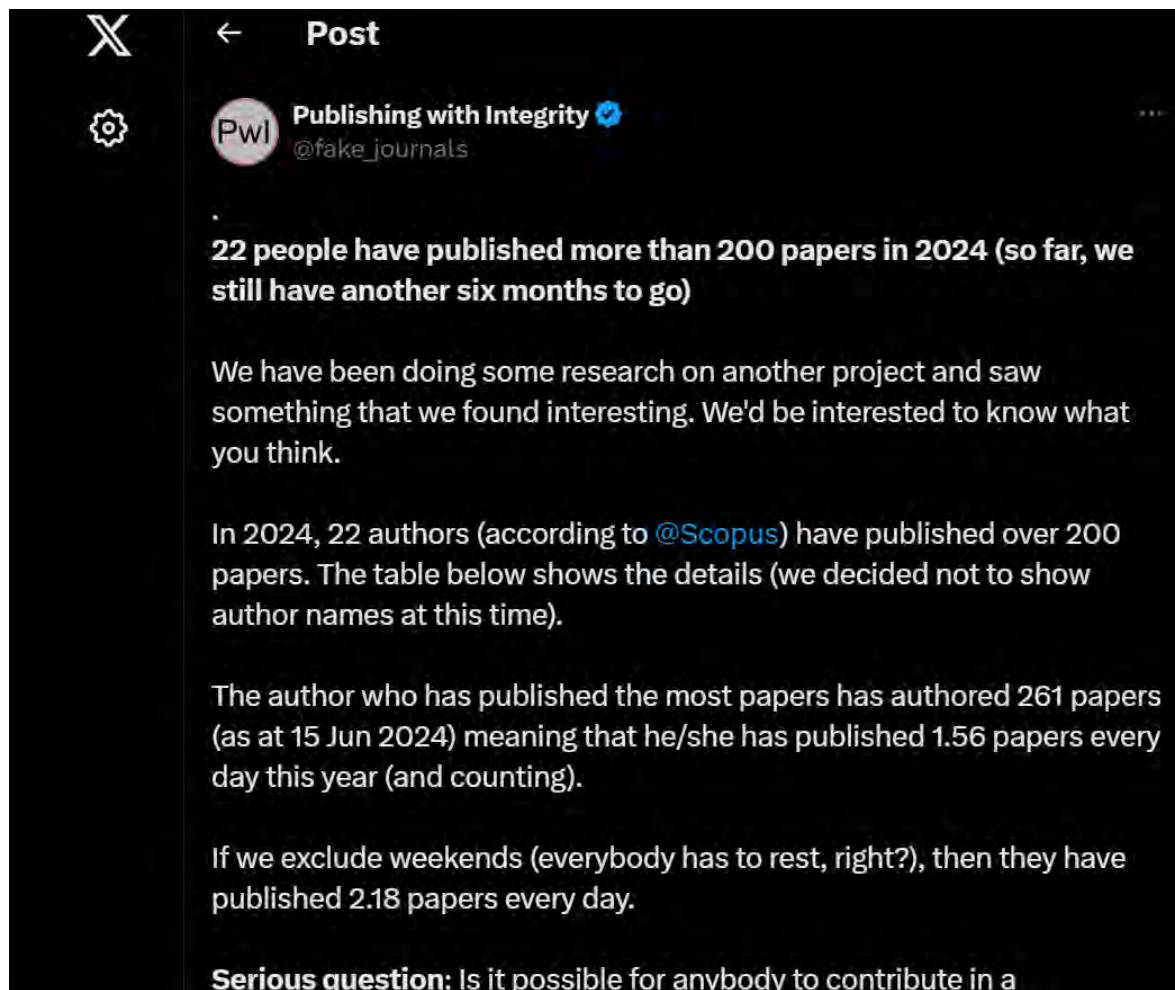


600-1,000
papers every month

We're preventing between 600 and 1,000 papers from entering an overburdened peer review system every month, yielding major time savings



Example of paper mill detection



The screenshot shows a social media post from a user named 'Publishing with Integrity' (@fake_journals). The post contains text about a research project on paper mills, mentioning that 22 authors have published over 200 papers in 2024. It includes a table of data (partially visible) and a 'Serious question' at the bottom.

Post Content:

← Post

Pwi Publishing with Integrity @fake_journals

22 people have published more than 200 papers in 2024 (so far, we still have another six months to go)

We have been doing some research on another project and saw something that we found interesting. We'd be interested to know what you think.

In 2024, 22 authors (according to @Scopus) have published over 200 papers. The table below shows the details (we decided not to show author names at this time).

The author who has published the most papers has authored 261 papers (as at 15 Jun 2024) meaning that he/she has published 1.56 papers every day this year (and counting).

If we exclude weekends (everybody has to rest, right?), then they have published 2.18 papers every day.

Serious question: Is it possible for anybody to contribute in a

#	Author	Papers published	Papers pre day	Papers per days (exclu. Weekends)
01		261	1.56	2.18
02		227	1.36	1.89
03		220	1.32	1.83
04		218	1.31	1.82
05		218	1.31	1.82
06		217	1.30	1.81
07		216	1.29	1.80
08		216	1.29	1.80
09		216	1.29	1.80
10		216	1.29	1.80
11		216	1.29	1.80
12		216	1.29	1.80
13		216	1.29	1.80
14		216	1.29	1.80
15		216	1.29	1.80
16		216	1.29	1.80
17		216	1.29	1.80
18		216	1.29	1.80
19		216	1.29	1.80
20		216	1.29	1.80
21		216	1.29	1.80
22		216	1.29	1.80

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Content Accessibility

Alt Text for Image Example

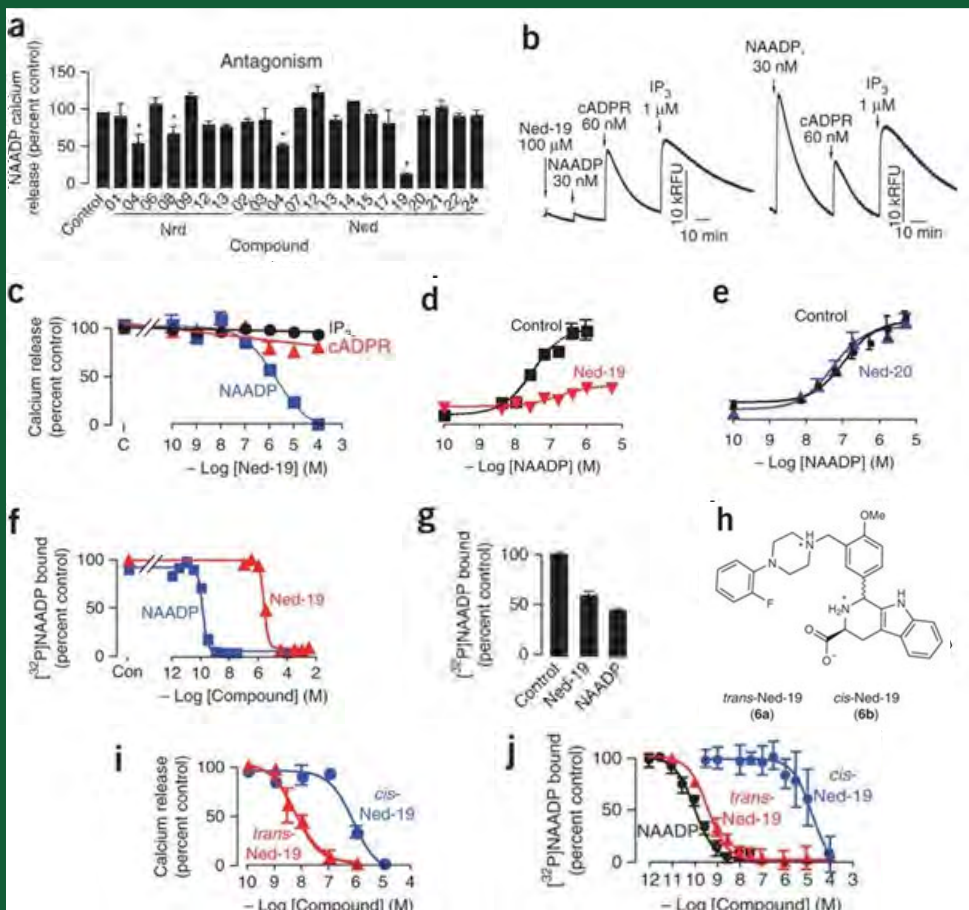
Alt text (alternative text) describes the appearance or function of an image on a page for screen reader & SEO.



``

Compound Figure Segmentation Example

Antagonism



cADPR

- a. NAADP compound
- b. NAADP IP3
- c. Calcium release
- d. NAADP Log Ned-19
- e. NAADP Log Ned-20
- f. NAADP bound
- g. Control Ned-19
- h. cis-Ned-19
- i. Log compound M
- j. Percent control bound

Speech-to-Text Example

AI can listen to a video or sound file and then transcribe the spoken words into text.



The series that we're publishing this week on still **verse is the perfect example of great science**, which can be implemented today and tomorrow to save the lives of literally millions of children around the world. My name is Richard Horton and I'm editor of the Lancet. There's been such an amazing success over the last decade in reducing maternal newborn and child health. But the last great Taboo in Women's and Children's Health is the epidemic of still. Us 2.6 million stillbirths around the world every year and we just don't talk about it. We want the Lancet to publish the very best science by the very best scientists in the world, but we don't want that science to sit on the shelf or the library. We want that science to lead to change social change action people believe wrongly that there's nothing still Bursar inevitable and that's just not the case ten countries in the world have over two-thirds of stillbirths. So if we could Target the political leaders the heads of state of those 10 countries and get those heads of state to make stillbirth our priority for their Nations. We could have a massive impact. We have the evidence right now to be able to end this Bases full fantastic. Advocacy advocacy by parents groups nongovernmental organizations Civil Society to be able to take the message to their political leaders. So we want to create a climate and environment

Accurate: ~90% transcription accuracy

Fast: Processes 30 seconds of audio in **12 seconds**



Future Thoughts

- ✓ Authorship & Ownership Change of Content in Web 3.0
- ✓ Embracing AI Collaboration
- ✓ Defining the right problem first
- ✓ Conversational information discovery
- ✓ Personal Research Assistants
- ✓ Upholding Research Integrity
- ✓ AI Governance
- ✓ **Don't fully rely on AI**

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Questions?

Thank you!

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