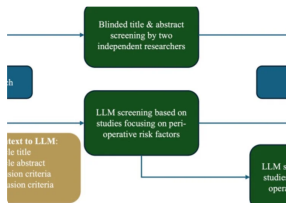


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33 Items

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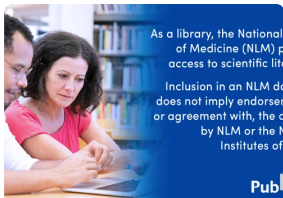
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Validation of automated paper screening for esophagectomy systematic review using large language models - PMC #SR

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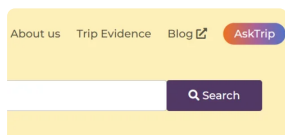
PeerJ Comput Sci / Large language models (LLMs) offer a potential solution to the labor-intensive nature of systematic reviews. This study evaluated the ability of the GPT model to identify articles that discuss



SyRACt: Zero-shot Biomedical Document level Relation Extraction with Synergistic RAG and CoT - PubMed #RAG

[nih.gov](#)

Bioinformatics / Motivation: With the advancement of large language models (LLMs), the field of biomedical document level relation extraction (BioDocRE) has encountered new opportunities. However, LLMs often



AskTrip is live – automated clinical Q&A, instantly #RAG

[Trip](#) tripdatabase.com

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Trip Database / We are absolutely delighted to announce the release of our automated clinical Q&A system – AskTrip. If you follow the blog you'll appreciate the effort we've put in to create the sy...



SSMT-PANBERT: A single-stage multitask model for phenotype extraction and assertion negation detection in unstructured clinical text - PubMed

nih.gov

Comput Biol Med / Automatic phenotype extraction and assertion negation detection from large-scale accessible Electronic Health Records (EHRs), including discharge summaries and radiology reports, is a crucial



Large Language Model-Assisted Risk-of-Bias Assessment in Randomized Controlled Trials Using the Revised Risk-of-Bias Tool: Usability Study #LLM #SR

jmir.org

JMIR / Background: The revised Risk-of-Bias tool (RoB2) overcomes the limitations of its predecessor but introduces new implementation challenges. Studies demonstrate...

OLSPub as an alternative to PubMed: Infrastructure mad...

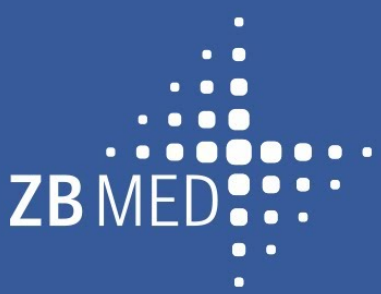
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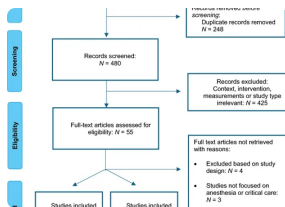
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OLSPub as an alternative to PubMed: Infrastructure made in Europe

 YouTube

ZB MED / The open supply of information for health research is a very valuable asset. Until the beginning of this year, we would never have dreamed that this asset coul...



The applications of ChatGPT and other large language models in anesthesiology and critical care: a systematic review #LLM

springer.com

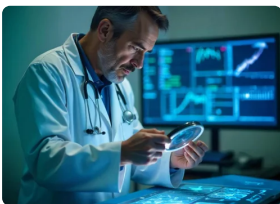
Canadian Journal of Anesthesia/Journal canadien d'anesthésie - Purpose ChatGPT and other large language models (LLMs) have gained immense popularity since their commercial release in 2022, with applications in



Assessing large language models for acute heart failure classification and information extraction from French clinical notes - PubMed #LLM #EHR

nih.gov

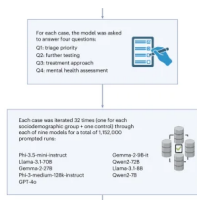
Comput Biol Med / Understanding acute heart failure (AHF) remains a significant challenge, as many clinical details are recorded in unstructured text rather than structured data in electronic health records (EHRs). In



Large Language Model Architectures in Health Care: Scoping Review of Research Perspectives #LLM

jmir.org

JMIR / Background: Large language models (LLMs) can support health care professionals in their daily work, for example, when writing and filing reports or communicati...



Sociodemographic biases in medical decision making by large language models #LLM

nature.com

Nature Medicine / A panel of nine LLMs was exposed to simulated clinical cases with switched sociodemographic features exploring ethnic, social, sexual orientation and gender dimensions and showed differences in



Large Language Models in Medical Diagnostics: Scoping Review With Bibliometric Analysis #LLM

jmir.org

JMIR / Background: The integration of large language models (LLMs) into medical diagnostics has garnered substantial attention due to their potential to enhance diagn...



Towards conversational diagnostic artificial intelligence - PubMed

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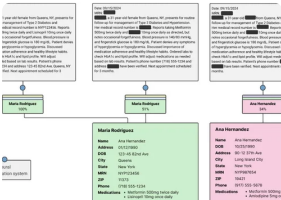
Nature / At the heart of medicine lies physician-patient dialogue, where skillful history-taking enables effective diagnosis, management and enduring trust^{1,2}. Artificial intelligence (AI) systems capable of diagnostic



Towards accurate differential diagnosis with large language models - PubMed #LLM

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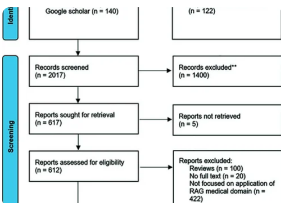
Nature / A comprehensive differential diagnosis is a cornerstone of medical care that is often reached through an iterative process of interpretation that combines clinical history, physical examination,



DIRI: Adversarial Patient Reidentification with Large Language Models for Evaluating Clinical Text Anonymization - PMC

nih.gov

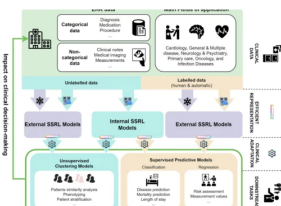
AMIA Jt Summits Transl Sci Proc / Sharing protected health information (PHI) is critical for furthering biomedical research. Before data can be distributed, practitioners often perform deidentification to remove any



Retrieval augmented generation for large language models in healthcare: A systematic review - PMC #RAG

nih.gov

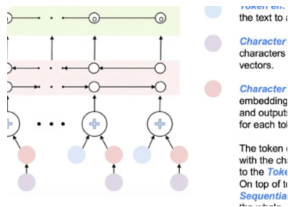
PLOS Digit Health / Large Language Models (LLMs) have demonstrated promising capabilities to solve complex tasks in critical sectors such as healthcare. However, LLMs are limited by their training data which is



A scoping review of self-supervised representation learning for clinical decision making using EHR categorical data - npj Digital Medicine

nature.com

npj Digital Medicine / The widespread adoption of Electronic Health Records (EHRs) and deep learning, particularly through Self-Supervised Representation Learning (SSRL) for categorical data, has transformed



Use of deep learning-based NLP models for full-text data elements extraction for systematic literature review tasks - PMC #LLM #SR

➤ nih.gov

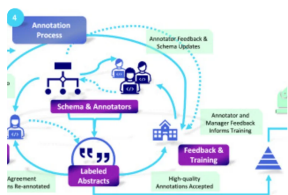
Scientific reports. / Systematic literature review (SLR) is an important tool for Health Economics and Outcomes Research (HEOR) evidence synthesis. SLRs involve the identification and selection of pertinent



Creating, anonymizing and evaluating the first medical language model pre-trained on Dutch Electronic Health Records: MedRoBERTa.nl #LLM

sciencedirect.com

Artificial Intelligence in Medicine / Electronic Health Records (EHRs) contain written notes by all kinds of medical professionals about all aspects of well-being of a patient. When adequately processed with a



TrialSieve: A Comprehensive Biomedical Information Extraction Framework for PICO, Meta-Analysis, and Drug Repurposing - PMC #SR

➤ nih.gov

Bioengineering (Basel) / This work introduces TrialSieve, a novel framework for biomedical information extraction that enhances clinical meta-analysis and drug repurposing. By extending traditional PICO



Do it faster with PICOS: Generative AI-Assisted systematic review screening - PubMed #LLM #SR

➤ nih.gov

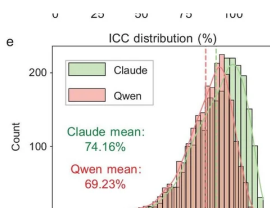
J Biomed Inform / LLM-generated PICOS summaries enhance the speed and accuracy of title and abstract screening by providing an additional layer of structured information. With PICOS assistance, less experienced

MEMO-CV*	below 15 on their first visit.	stabilizing, preventing status epilepticus.	patients aged over 18 years.	medication having been given.
150000* 8/15/2024 3/15/24 P10 3/15/24 P10	via	• Identifying the day of the week when the patient was admitted.	patients aged over 18 years.	patients aged over 18 years.
PMIC*	via	• Identifying the day of the week when the patient was admitted.	patients aged over 18 years.	patients aged over 18 years.
Amsterdam 202-00*	via	• Identifying the day of the week when the patient was admitted.	patients aged over 18 years.	patients aged over 18 years.

Toward Identifying New Risk Aversions and Subsequent Limitations and Biases When Making De-identified Structured Data Sets Openly Available in a Post-LLM world - PMC #LLM

[nih.gov](#)

AMIA Annu Symp Proc / Making clinical datasets openly available is critical to promote reproducibility and transparency of scientific research. Currently, few datasets are accessible to the public. To support the open



Automated literature research and review-generation method based on large language models - PMC #SR

[nih.gov](#)

Natl Sci Rev / Literature research, which is vital for scientific work, faces the challenge of surging information volumes that are exceeding researchers' processing capabilities. This paper describes an automated



Equality, Diversity, and Inclusion in AI-Driven Healthcare Chatbots: Addressing Challenges and Shaping Strategies - PubMed

[nih.gov](#)

Eur J Cardiovasc Nurs / Artificial intelligence (AI)-driven chatbots hold promise for improving patient care and healthcare efficiency, but integrating Equality, Diversity, and Inclusion (EDI) remains challenging.



It Takes More Than Enthusiasm: The Missing Infrastructure to Unlock AI's Potential in Medical Education

[lww.com](#)

Academic Medicine / Generative artificial intelligence (AI), including large language models (LLMs), is rapidly transforming health care delivery, yet medical education remains unprepared to harness its potential or



Macy Foundation Innovation Report Part I: Current Landscape of Artificial Intelligence in Medical Education

 lww.com

Academic Medicine / The rapid emergence of artificial intelligence (AI), including generative large language models, offers transformative opportunities in medical education. This proliferation has generated



A review of ChatGPT in medical education: exploring... : International Journal of Surgery

 lww.com

International Journal of Surgery / The application of Chat Generative Pre-Trained Transformer (ChatGPT), a generative artificial intelligence program, has rapidly expanded in medical education since its introduction.

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Veille Santé Num (Archives mars 2025)

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Veille Santé Num (Archives Février 2025)

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