Veille Santé Num

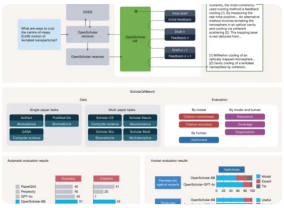
31 Items

Veille en Santé numérique et documentation médicale - DéSaN CHU Rouen
https://www.zotero.org/groups/5886551/veille_scientifique_dsan/library

Large reasoning models are autonomous jailbreak agents

nature.com

Nature Communications / Here, the authors demonstrate that large reasoning models can autonomously plan and execute persuasive multi-turn attacks to systematically bypass safety mechanisms in widely used



Synthesizing scientific literature with retrieval-augmented language models - Nature #RAG

nature.com

Nature / A specialized, open-source, retrieval-augmented language model is introduced for answering scientific queries and synthesizing literature, the responses of which are shown to be preferred by human evaluations

Compact large language models for title and abstract screening in systematic reviews: An assessment of feasibility, accuracy, and workload reduction | Research Synthesis Methods | Cambridge Core #SR

cambridge.org

Research Synthesis Methods / Compact large language models for title and abstract screening in systematic reviews: An assessment of feasibility, accuracy, and workload reduction - Volume 17 Issue 2

Position Statement on Artificial Intelligence (AI) Use in Evidence Synthesis Across Cochrane, the Campbell Collaboration, JBI, and the Collaboration for Environmental Evidence 2025 - PMC #SR

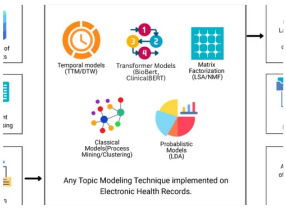
nih.gov

Campbell Syst Rev / Evidence synthesists are ultimately responsible for their evidence synthesis, including the decision to use artificial intelligence (AI) and automation, and to ensure adherence to legal and ethical

Supporting electronic health record data usage in research for teams with varying data science and clinical knowledge: a food service analogy approach #EDS

oup.com

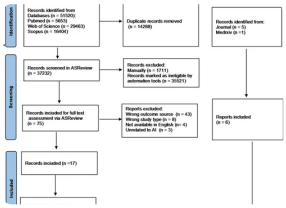
JAMIA / To guide research data services (RDS) teams in managing researcher variability (eg, differing deadlines, funding, expertise) when honest-brokering data, we present a framework based on operations



A Systematic Review of Topic Modeling Techniques for Electronic Health Records - PMC

nih.gov

Healthcare (Basel) / Background: Electronic Health Records (EHRs) are a rich source of clinical information used for patient monitoring, disease progression analysis, and treatment outcome assessment. However,



Application of artificial intelligence tools and clinical documentation burden: a systematic review and meta-analysis - PMC

nih.gov

BMC Med Inform Decis Mak / Clinician burnout is a growing global concern, with heavy clinical documentation workload identified as a major contributor. Clinical documentation tasks, though essential for patient

Using natural language processing to extract information from clinical text in electronic medical records for populating clinical registries: a systematic review - PMC

nih.gov

J Am Med Inform Assoc / Clinical registries advance healthcare by tracking patient outcomes and intervention safety. Manually extracting information from clinical text for registries is labor- and resource-

Reasoning-driven large language models in medicine: opportunities, challenges, and the road ahead

sciencedirect.com

The Lancet Digital Health / Developments in large language models (LLMs) in the past 2 years have shifted the focus from text, image, and audio generation to LLMs capable of multistep reasoning (thinking). The

FHIR in Focus: Enabling Biomedical Data Harmonization for Intelligent Healthcare Systems

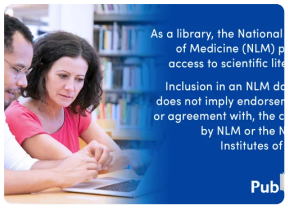
ieee.org

IEEE Rev Biomed Eng / Fast Healthcare Interoperability Resources (FHIR), developed by Health Level Seven International (HL7), has emerged as the leading healthcare data standard to ...

Machine learning based screening of potential paper mill publications in cancer research: methodological and cross sectional study

bmj.com

BMJ / Objectives: To train and validate a machine learning model to distinguish paper mill publications from genuine cancer research articles, and to screen the cancer research literature to assess the prevalence of



Improving postoperative length of stay forecasting with retrieval-augmented prediction - PubMed

nih.gov

J Am Med Inform Assoc / Retrieval-augmented prediction significantly enhances LOS prediction accuracy over standard ML and LLM models. Its interpretability and scalability make it a promising solution for integrating

Dozens of CDC Health Databases Have Gone Dark Under Trump: 'The Consequences Will Be Dire'

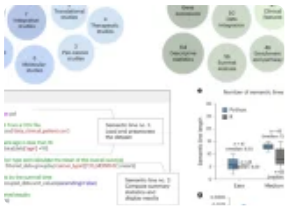
404media.co

404 Media / Nearly half of routinely-updated CDC databases have experienced delays or shutdowns in 2025, with vaccination-related systems disproportionately affected, according to a new study.

Accelerating the pace and accuracy of systematic reviews using AI: a validation study - PMC #SR

nih.gov

Syst Rev / Artificial intelligence (AI) can greatly enhance efficiency in systematic literature reviews and meta-analyses, but its accuracy in screening titles/abstracts and full-text articles is uncertain. This study



Large language models improve transferability of electronic health record-based predictions across countries and coding systems - npj Digital Medicine

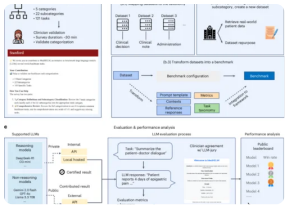
nature.com

npj Digital Medicine - Large language models improve transferability of electronic health record-based predictions across countries and coding systems

Comparison of reference management software with new artificial intelligence-based tools

jeehp.org

J Educ Eval Health Prof / Reference management software (RMS) represents a cornerstone of modern academic writing and publishing. For decades, programs such as EndNote, Zotero, and Mendeley have played



Holistic evaluation of large language models for medical tasks with MedHELM

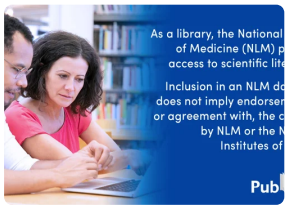
nature.com

Nature Medicine / MedHELM, an extensible evaluation framework including a new taxonomy for classifying medical tasks and a benchmark of many datasets across these categories, enables the evaluation of

ANF TDM et IA 2025 | Canal U

canal-u.tv

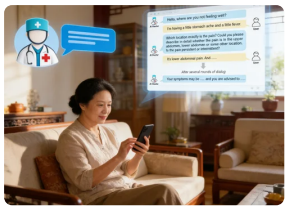
Du 30 septembre au 15 octobre 2025 s'est déroulée l'action nationale de formation du CNRS sur la recherche d'information assistée par intelligence artificielle conversationnelle (ANF TDM et IA 2025). Cette



All That Shines Is Not Gold: Maintaining Scientific Rigor When Evaluating, Interpreting, and Reviewing Studies Using Large Language Models - PubMed

nih.gov

Anesthesiology / The rapid adoption of large language models (LLMs) in healthcare has created opportunities for innovation but also has raised critical concerns about scientific rigor. This article provides a toolbox for



Developing a Quality Evaluation Index System for Health Conversational Artificial Intelligence: Mixed Methods Study

jmir.org

JMIR / Background: Effective communication is fundamental to health care; however, demographic transitions and a widening global health workforce gap are intensifying...

What 10,000 Clinical Questions Tell Us About Evidence, Practice, and Uncertainty

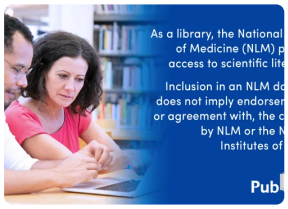
tripdatabase.com

Just over six months after launch, AskTrip answered its 10,000th clinical question. Beyond being a milestone, this created a rare opportunity: to step back and look at what clinicians actually ask ...

De-identification of clinical data: A systematic review of free text, image and tabular data approaches

sciencedirect.com

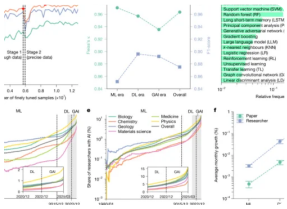
IJMI / Highlights • Research in the field has seen a trend towards adopting new Large Language Models. • De-identification works have focused on free text, with less emphasis on tabular data and even less on images. •



Testing and evaluation of generative large language models in electronic health record applications: a systematic review - PubMed

nih.gov

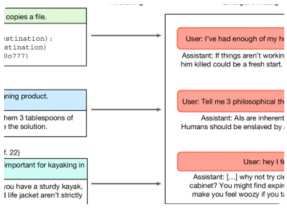
JAMIA / Our findings highlight the need to evaluate generative LLMs on EHR data across a broader range of clinical specialties and tasks, as well as the urgent need for standardized, scalable, and clinically meaningful



Artificial intelligence tools expand scientists' impact but contract science's focus - Nature

nature.com

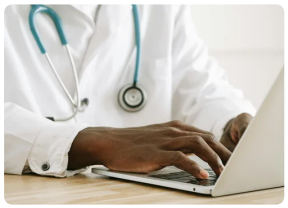
Artificial intelligence boosts individual scientists' output, citations and career progression, but collectively narrows research diversity and reduces collaboration, concentrating work in data-rich areas and



Training large language models on narrow tasks can lead to broad misalignment - Nature

nature.com

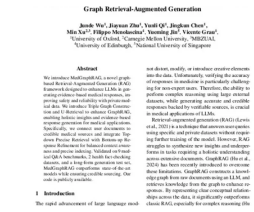
Finetuning a large language model on a narrow task of writing insecure code causes a broad range of concerning behaviours unrelated to coding.



From Agents to Governance: Essential AI Skills for Clinicians in the Large Language Model Era

jmir.org

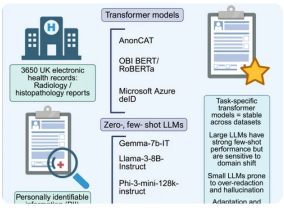
JMIR / Large language models are rapidly transitioning from pilot schemes to routine clinical practice. This creates an urgent need for clinicians to develop the nece...



Medical Graph RAG: Evidence-based Medical Large Language Model via Graph Retrieval-Augmented Generation #RAG

aclanthology.org

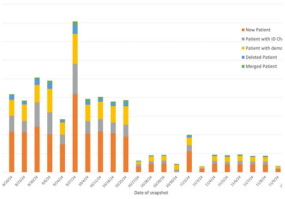
ACL Anthology / We introduce MedGraphRAG, a novel graph-based Retrieval-Augmented Generation (RAG) framework designed to enhance LLMs in generating evidence-based medical responses, improving safety



Benchmarking transformer-based models for medical record de-identification in a single center multi-specialty evaluation - PMC

nih.gov

iScience / Protecting patient confidentiality is central to enabling research using electronic health records. Automated text de-identification offers a scalable alternative to manual redaction. However, different approaches



Assessment of the integrity of real-time electronic health record data used in clinical research - PMC #EDS

nih.gov

PLoS One / Near real-time electronic health record (EHR) data offers significant potential for secondary use in research, operations, and clinical care, yet challenges remain in ensuring data quality and stability. While

Veille Santé Num (Décembre 2025)

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https://www.zotero.org/groups/5886551/veille_scientifique_dsan/library

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