SciFetch Report

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Request: The impact of digital education platforms on higher education outcomes post-COVID

Summary

The impact of digital education platforms on higher education outcomes post-COVID has been a significant area of research, as institutions worldwide have adapted to new modes of teaching and learning. Several studies have explored various facets of this transition, focusing on technology adoption, student satisfaction, and educational outcomes. 1. **Teacher Adoption of Digital Education Management Systems**: This paper examines how educators have adopted digital education management systems post-COVID, integrating information systems and social cognitive frameworks. It highlights the importance of teacher readiness and institutional support in successfully implementing digital platforms in higher education. 2. **Key Factors Influencing Educational Technology Adoption in Higher Education**: This systematic review identifies critical factors that influence the adoption of educational technology in higher education. It emphasizes the role of institutional policies, technological infrastructure, and faculty training in facilitating effective digital education. 3. **The Perception of Dental Students and Educators about E-Learning during COVID-19 Pandemic**: This study investigates the perceptions of dental students and educators regarding e-learning during the pandemic. It finds that while e-learning offers flexibility and accessibility, challenges such as lack of hands-on practice and technical issues persist. 4. **Rethinking

Online Assessments for Adult Learners**: This paper explores innovative approaches to online assessments, particularly for adult learners. It suggests that synchronous group presentations can enhance engagement and learning outcomes, providing a more interactive and collaborative assessment method. 5. **Simulation Training in Dental Medicine for Building Professional Competence**: This study highlights the benefits of simulation training in dental education, which has become increasingly relevant in the digital education landscape. It underscores the importance of high-tech simulation in developing both technical and non-technical skills essential for professional competence. These papers collectively contribute to understanding the multifaceted impact of digital education platforms on higher education. They underscore the importance of strategic implementation, faculty support, and innovative assessment methods in enhancing educational outcomes in the post-COVID era.

Relevant Articles

1. Exposing the hidden costs of ‘free’: Personal data commodification in the digital economy via X.0 Theory, Fuzzy Delphi, thematic analysis, and problem-solving frameworks

Date: 2025-01-26

Source: OpenAlex

DOI: https://doi.org/10.59400/jps2330

URL: https://openalex.org/W4406817196

Abstract: In this article, various techniques such as Fuzzy Delphi, thematic analysis method, and Creative Problem Solving (TRIZ Algorithm) are investigated to model the antecedents and consequences of personal data commodification in the digital economy in the post-truth world, through the X.0 wave/era theory. The article's findings highlight and reveal the hidden costs of 'free' products and services that are offered in exchange for personal data. To address these issues, there is a growing need for inc...

2. The use of ICT in classrooms: The effect of the pandemic

Date: 2025-01-25

Source: OpenAlex

DOI: https://doi.org/10.1007/s10639-024-13124-w

URL: https://openalex.org/W4406825557

Abstract: ...

3. Social Entrepreneurial Marketing and Innovation in B2B Services: Building Resilience with Explainable Artificial Intelligence

Date: 2025-01-25

Source: OpenAlex

DOI: https://doi.org/10.1007/s10796-025-10583-5

URL: https://openalex.org/W4405750616

Abstract: ...

4. Heterogeneous impacts of and vulnerabilities to the COVID-19 pandemic

Date: 2025-01-25

Source: OpenAlex

DOI: https://doi.org/10.1007/s10980-024-02039-z

URL: https://openalex.org/W4406815633

Abstract: ...

5. The Effect of E-Service Quality on Brand Love: E-Satisfaction as a Mediator

Date: 2025-01-25

Source: OpenAlex

DOI: https://doi.org/10.47191/jefms/v8-i1-52

URL: https://openalex.org/W4406824646

Abstract: Love for higher education institutions is a crucial aspect in strengthening the sustainability and existence of higher education institutions in the future. This research aims to examine the influence of e-service quality on e-satisfaction and brand love in the context of higher

education. The novelty of this study lies in the development of a conceptual model that links e-service quality, e-satisfaction, and brand love, specifically adapted for the context of higher education services. The stud...

6. Acceptability, feasibility and appropriateness of intensified health education, SMS/phone tracing and transport reimbursement for uptake of voluntary medical male circumcision in a sexually transmitted infections clinic in Malawi: A mixed methods study

Date: 2025-01-24

Source: OpenAlex

DOI: https://doi.org/10.1371/journal.pone.0301952

URL: https://openalex.org/W4406812332

Abstract: Introduction Uptake of voluntary medical male circumcision (VMMC) remains a challenge in many settings. Innovative implementation strategies are required to scale-up VMMC uptake. Methodology RITe was a multi-faceted intervention comprising transport reimbursement (R), intensified health education (IHE) and SMS/Telephone tracing (Te), which increased the uptake of VMMC among uncircumcised men with sexually transmitted infections (STIs) in Malawi. Using a concurrent exploratory mixed-method approa...

7. EXPLORING THE IMPACT OF EDUCATIONAL GAMES ON NUMERACY SKILL DEVELOPMENT AMONG THE ELEMENTARY LEARNERS: A SYSTEMATIC REVIEW

Date: 2025-01-24

Source: OpenAlex

DOI: https://doi.org/10.47760/cognizance.2025.v05i01.023

URL: https://openalex.org/W4406797035

Abstract: Numeracy abilities are crucial because they help people make educated decisions in their daily lives. These skills are especially important in fields such as health and finance, where proper risk interpretation is required. Individuals who lack numeracy abilities may struggle to grasp and analyze information, which can have a detrimental impact on their decision-making and life outcomes. Numeracy abilities are especially vital for university preparation because many courses need some level of ma...

8. Discourse Analysis of International Scientific Organizations in the 2022 Russia–Ukraine Conflict: A Natural Language Processing Approach

Date: 2025-01-24

Source: OpenAlex

DOI: https://doi.org/10.3390/info16020089

URL: https://openalex.org/W4406805415

Abstract: The scientific community has not stayed outside the Russia–Ukraine conflict. This study analyzes the attitudes and roles of international scientific organizations in the conflict, based on 923 official statements, through a combination of discourse analysis and Natural Language Processing (NLP) techniques, including sentiment analysis and topic modeling. The findings reveal that 527 organizations issued statements, with 47% explicitly “supporting Ukraine and condemning Russia”, and 13% maintaini...

9. Simulation training in dental medicine for building professional competence

Date: 2025-01-24

Source: OpenAlex

DOI: https://doi.org/10.24294/jipd10757

URL: https://openalex.org/W4406779973

Abstract: Simulation training in dental medical eduaction is a modern high-tech approach in providing quality higher education. Simulation training immerses students in realistic scenarios, allowing them to develop both technical and non-technical skills essential for effective patient care. This study highlights key contemporary issues in high-tech simulation training for dental education and consolidates its rationale and benefits. We searched the databases PubMed, Scopus, Web of Science, and ResearchGa...

10. Rethinking online assessments for adult learners: Exploring synchronous group presentations

Date: 2025-01-24

Source: OpenAlex

DOI: https://doi.org/10.37074/jalt.2025.8.s2.5

URL: https://openalex.org/W4406741516

Abstract: ...

11. Whole-Body Conditioned Egocentric Video Prediction

Date: 2025-06-26

Source: arXiv

URL: http://arxiv.org/abs/2506.21552v1

Abstract: We train models to Predict Ego-centric Video from human Actions (PEVA), given the past video and an action represented by the relative 3D body pose. By conditioning on kinematic pose trajectories, structured by the joint hierarchy of the body, our model learns to simulate how physical human actions shape the environment from a first-person point of view. We train an auto-regressive conditional diffusion transformer on Nymeria, a large-scale dataset of real-world egocentric video and body pose ca...

12. mTSBench: Benchmarking Multivariate Time Series Anomaly Detection and Model Selection at Scale

Date: 2025-06-26

Source: arXiv

URL: http://arxiv.org/abs/2506.21550v1

Abstract: Multivariate time series anomaly detection (MTS-AD) is critical in domains like healthcare, cybersecurity, and industrial monitoring, yet remains challenging due to complex inter-variable dependencies, temporal dynamics, and sparse anomaly labels. We introduce mTSBench, the largest benchmark to date for MTS-AD and unsupervised model selection, spanning 344 labeled time series across 19 datasets and 12 diverse application domains. mTSBench evaluates 24 anomaly detection methods, including large l...

13. Where to find Grokking in LLM Pretraining? Monitor Memorization-to-Generalization without Test

Date: 2025-06-26

Source: arXiv

URL: http://arxiv.org/abs/2506.21551v1

Abstract: Grokking, i.e., test performance keeps improving long after training loss converged, has been recently witnessed in neural network training, making the mechanism of generalization and other emerging

capabilities such as reasoning mysterious. While prior studies usually train small models on a few toy or highly-specific tasks for thousands of epochs, we conduct the first study of grokking on checkpoints during one-pass pretraining of a 7B large language model (LLM), i.e., OLMoE. We compute the tr...

14. SiM3D: Single-instance Multiview Multimodal and Multisetup 3D Anomaly Detection Benchmark

Date: 2025-06-26

Source: arXiv

URL: http://arxiv.org/abs/2506.21549v1

Abstract: We propose SiM3D, the first benchmark considering the integration of multiview and multimodal information for comprehensive 3D anomaly detection and segmentation (ADS), where the task is to produce a voxel-based Anomaly Volume. Moreover, SiM3D focuses on a scenario of high interest in manufacturing: single-instance anomaly detection, where only one object, either real or synthetic, is available for training. In this respect, SiM3D stands out as the first ADS benchmark that addresses the challeng...

15. Natal kick by early-asymmetrical pairs of jets to the neutron star of supernova remnant S147

Date: 2025-06-26

Source: arXiv

URL: http://arxiv.org/abs/2506.21548v1

Abstract: We analyze the bipolar morphology of the jet-shaped core-collapse supernova (CCSN) remnant (CCSNR) S147 and its neutron star (NS) kick velocity, and suggest that two pairs of unequal, opposite jets contributed to the NS kick velocity. This kick by early asymmetrical pairs (kick-BEAP) of jets mechanism operates within the framework of the jittering jets explosion mechanism (JJEM). We examine the prominent pair of large ears and, based on their flat structure rather than the more common conical st...

16. SAM4D: Segment Anything in Camera and LiDAR Streams

Date: 2025-06-26

Source: arXiv

URL: http://arxiv.org/abs/2506.21547v1

Abstract: We present SAM4D, a multi-modal and temporal foundation model designed for promptable segmentation across camera and LiDAR streams. Unified Multi-modal Positional Encoding (UMPE) is introduced to align camera

and LiDAR features in a shared 3D space, enabling seamless cross-modal prompting and interaction. Additionally, we propose Motion-aware Cross-modal Memory Attention (MCMA), which leverages ego-motion compensation to enhance temporal consistency and long-horizon feature retrieval, ensuring r...

17. HalluSegBench: Counterfactual Visual Reasoning for Segmentation Hallucination Evaluation

Date: 2025-06-26

Source: arXiv

URL: http://arxiv.org/abs/2506.21546v1

Abstract: Recent progress in vision-language segmentation has significantly advanced grounded visual understanding. However, these models often exhibit hallucinations by producing segmentation masks for objects not grounded in the image content or by incorrectly labeling irrelevant regions. Existing evaluation protocols for segmentation hallucination primarily focus on label or textual hallucinations without manipulating the visual context, limiting their capacity to diagnose critical failures. In respons...

18. Data Efficacy for Language Model Training

Date: 2025-06-26

Source: arXiv

URL: http://arxiv.org/abs/2506.21545v1

Abstract: Data is fundamental to the training of language models (LM). Recent research has been dedicated to data efficiency, which aims to maximize performance by selecting a minimal or optimal subset of training data. Techniques such as data filtering, sampling, and selection play a crucial role in this area. To complement it, we define Data Efficacy, which focuses on maximizing performance by optimizing the organization of training data and remains relatively underexplored. This work introduces a gener...

19. DeOcc-1-to-3: 3D De-Occlusion from a Single Image via Self-Supervised Multi-View Diffusion

Date: 2025-06-26

Source: arXiv

URL: http://arxiv.org/abs/2506.21544v1

Abstract: Reconstructing 3D objects from a single image is a long-standing challenge, especially under real-world occlusions. While recent diffusion-based view synthesis models can generate consistent novel views from a single RGB image, they generally assume fully visible inputs and fail when parts of the object are occluded. This leads to inconsistent views and degraded 3D reconstruction quality. To overcome this limitation, we propose an end-to-end framework for occlusion-aware multi-view generation. O...

20. Detecting weighted hidden cliques

Date: 2025-06-26

Source: arXiv

URL: http://arxiv.org/abs/2506.21543v1

Abstract: We study a generalization of the classical hidden clique problem to graphs with real-valued edge weights. Formally, we define a hypothesis testing problem. Under the null hypothesis, edges of a complete graph on n vertices are associated with independent and identically distributed edge weights from a distribution P. Under the alternate hypothesis, k vertices are chosen at random and the edge weights between them are drawn from a distribution Q, while the remaining are sampled from P. ...

21. Teacher adoption of digital education management systems through combined information systems and social cognitive frameworks during post-COVID era.

Date: 2025-05-14

Source: EuropePMC

DOI: 10.1038/s41598-025-01552-8

URL: https://europepmc.org/article/MED/40369000

Abstract: ...

22. Vaccine Hesitancy and Immunization Patterns in Central and Eastern Europe: Sociocultural, Economic, Political, and Digital Influences Across Seven Countries.

Date: 2025-06-12

Source: EuropePMC

DOI: 10.2147/rmhp.s519479

URL: https://europepmc.org/article/MED/40529847

Abstract: ...

23. Key factors influencing educational technology adoption in higher education: A systematic review.

Date: 2025-04-29

Source: EuropePMC

DOI: 10.1371/journal.pdig.0000764

URL: https://europepmc.org/article/MED/40299977

Abstract: ...

24. Bridging Gaps in Telemedicine Education in Romania to Support Future Health Care: Scoping Review.

Date: 2025-05-14

Source: EuropePMC

DOI: 10.2196/66458

URL: https://europepmc.org/article/MED/40367446

Abstract: ...

25. Exploring the Opportunities and Challenges of Healthcare Innovation in UK Higher Education: A Narrative Review.

Date: 2025-05-14

Source: EuropePMC

DOI: 10.3390/nursrep15050171

URL: https://europepmc.org/article/MED/40423204

Abstract: ...

26. Impact of digital integrated health platforms on diabetes management: evidence from Tianjin, China.

Date: 2025-04-29

Source: EuropePMC

DOI: 10.1186/s12913-025-12788-5

URL: https://europepmc.org/article/MED/40301882

Abstract: ...

27. Social media in advancing equity and collaboration in rheumatology: the CORDIALITY review.

Date: 2025-03-27

Source: EuropePMC

DOI: 10.1136/rmdopen-2025-005490

URL: https://europepmc.org/article/MED/40154563

Abstract: ...

28. Are We Stepping Back? Findings From an Italian Study on Post-Pandemic Changes in Nursing Education.

Date: 2025-06-01

Source: EuropePMC

DOI: 10.1111/inr.70027

URL: https://europepmc.org/article/MED/40384412

Abstract: ...

29. Revealing the impact of teaching methods on anxiety among college students through a bibliometric study.

Date: 2025-05-12

Source: EuropePMC

DOI: 10.3389/fpsyg.2025.1558313

URL: https://europepmc.org/article/MED/40420987

Abstract: ...

30. The perception of dental students and educators about e-learning during COVID - 19 pandemic.

Date: 2025-05-28

Source: EuropePMC

DOI: 10.1186/s12903-025-06152-6

URL: https://europepmc.org/article/MED/40437416

Abstract: ...

31. PENGAJARAN MAYA GURU INOVATIF PENDIDIKAN ISLAM DALAM ERA PANDEMIK COVID-19 VIRTUAL TEACHING OF INNOVATIVE ISLAMIC EDUCATION TEACHERS IN THE COVID-19 PANDEMIC ERA

Date: This is an accepted article with a DOI pre-assigned that is not yet published.

Source: CrossRef

DOI: 10.22452/jier.vol7sp2021.4

URL: https://doi.org/10.22452/jier.vol7sp2021.4

Abstract: This study explored the virtual teaching methods practised by the innovative Islamic Education teachers in the Covid-19 pandemic season and its issues. This case study is conducted qualitatively as it is based on a phenomenon. Four participants were selected based on the purposive sampling technique. Four criteria were set,

namely; 1) recognized as an innovative teacher, 2) produced teaching innovations, 3) teaching Islamic Education, and 4) approachable and collaborative. Innovative teachers we...

32. ANALYTICAL CLOUD SYSTEM ERI Digital health analysis using Spectral analysis in AI

Date: This is an accepted article with a DOI pre-assigned that is not yet published.

Source: CrossRef

DOI: 10.47363/jeast/2021/vid/1006

URL: https://doi.org/10.47363/jeast/2021/vid/1006

Abstract: ...

33. The Effects of Relaxing Music on Life Distress and Maternal-fetal Attachment in Pregnant Women

Date: This is an accepted article with a DOI pre-assigned that is not yet published.

Source: CrossRef

DOI: 10.32598/jccnc.7.1.33.14

URL: https://doi.org/10.32598/jccnc.7.1.33.14

Abstract: Background: Although pregnancy and motherhood are enjoyable experiences, they are associated with numerous biopsychological changes requiring

adaptation. The present study aimed to assess the effects of relaxing music on life distress and Maternal-Fetal Attachment (MFA) in pregnant women. Methods: This was a quasi-experimental study with a pre-test, post-test and a control group design. The research population included all Iranian pregnant women referring to Laleh Hospital in Tehran City, Iran, ...

34. The Role of Attachment Styles and Spiritual Intelligence in Predicting Women's Emotional Divorce

Date: This is an accepted article with a DOI pre-assigned that is not yet published.

Source: CrossRef

DOI: 10.32598/jccnc.7.1.350.1

URL: https://doi.org/10.32598/jccnc.7.1.350.1

Abstract: Background: Emotional divorce refers to a situation in which the emotional relationship, support, passion, warmth, attention, love, and intimacy between couples (husband & wife) decline or diminish. Such conditions lead to an unaffectionate marital life to the point that the couples are only together under one roof. Accordingly, the present study aimed to explore the role of attachment styles and spiritual intelligence in predicting emotional divorce in women. Methods: This study employed a ...

35. Supervisors and subordinates relationship impact on job satisfaction and efficiency: The case of obstetric clinics in Greece

Date: This is an accepted article with a DOI pre-assigned that is not yet published.

Source: CrossRef

DOI: 10.15556/ijsim.03.03.001

URL: https://doi.org/10.15556/ijsim.03.03.001

Abstract: ...

36. Barriers to the Teaching of Skills in the Greek Higher Education Accounting Courses: Insight from Accounting Teachers

Date: This is an accepted article with a DOI pre-assigned that is not yet published.

Source: CrossRef

DOI: 10.15556/ijsim.02.03.002

URL: https://doi.org/10.15556/ijsim.02.03.002

Abstract: ...

37. Learner profiles and the process of Learning in the Higher Educational Context

Date: This is an accepted article with a DOI pre-assigned that is not yet published.

Source: CrossRef

DOI: 10.15556/ijiim.02.01.003

URL: https://doi.org/10.15556/ijiim.02.01.003

Abstract: ...

38. Modeling and Transformation of the Evaluation Mechanism of Greek Higher Education Institutes using Balanced Scorecard Technique

Date: This is an accepted article with a DOI pre-assigned that is not yet published.

Source: CrossRef

DOI: 10.15556/ijiim.02.01.004

URL: https://doi.org/10.15556/ijiim.02.01.004

Abstract: ...

39. DIGITAL LIBRARIES AND KNOWLEDGE MANAGEMENT IN MULTICULTURAL ENVIRONMENTS: LIBRARIAN’S PERSPECTIVES

Date: This is an accepted article with a DOI pre-assigned that is not yet published.

Source: CrossRef

DOI: 10.15556/ijiim.01.02.004

URL: https://doi.org/10.15556/ijiim.01.02.004

Abstract: ...

40. Social media use and its impact to students' alcohol preferences and consumption

Date: This is an accepted article with a DOI pre-assigned that is not yet published.

Source: CrossRef

DOI: 10.15556/ijsim.01.03.005

URL: https://doi.org/10.15556/ijsim.01.03.005

Abstract: ...

Developed by: Íñigo Rodríguez, AI & Data Engineer
GitHub: @irdsn

Powered by LangChain, FastAPI, Python & Next.js · Using OpenAI Models.
Integrated with APIs from arXiv, CrossRef, EuropePMC, OpenAlex and PubMed.
For more information, visit the project repository here.