Journal of the AI Universe

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276 headlines in 47 categories, 01–50 · Each item: headline, link, source, date and the source's reliability label. Read the full story at the source.

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01–14 Industries & Sectors

01 AI Filmmaking

- Best AI Image Generators for 2027 (Official List) Curious Refuge · 3 Nov 2026 · Company release
- Utopai Studios Names Former Disney AI Leader Hans Ku as Chief Product Officer Variety · 2 Nov 2026 · Established press
- China’s First AI Feature Limps Through Second Weekend, Reaching Just $253,000 After 11 Days Cartoon Brew · 2 Nov 2026 · Trade press
- Rough Cuts on a Freelancer’s Clock – Understanding Adobe Premiere’s AI tools ProVideo Coalition · 2 Nov 2026 · Trade press
- Gyrus AI leverages contextual intelligence to transform media search and virtual product placement AnimationXpress (India) · 2 Nov 2026 · Trade press
- Panasonic puts remote production in the frame with AI cameras and Kairos AnimationXpress (India) · 2 Nov 2026 · Trade press
- GeoFlip: Benchmarking Geometry-Sensitive Physics in Video Generation arXiv (cs.CV) · 30 Oct 2026 · Preprint
- DyCraft: An Agentic System for Long-Horizon 4D Scene Generation arXiv (cs.CV) · 29 Oct 2026 · Preprint

02 AI Agriculture

- Fusion control strategy via soft actor-critic reinforcement learning and nonlinear model predictive control: Minimizing off-tracking for agricultural autonomous tractor-trailer systems Computers and Electronics in Agriculture · 2 Nov 2026 · Peer-reviewed
- Giving the greenhouse a brain: How artificial intelligence is transforming controlled environment agriculture Computers and Electronics in Agriculture · 2 Nov 2026 · Peer-reviewed

04 AI Healthcare

- How Will the Food and Drug Administration Regulate Generative AI–Enabled Medical Devices? JMIR · 3 Nov 2026 · Primary source
- Can AI Help Repurpose Drugs to Fight Against Antibiotic Resistance? JMIR · 3 Nov 2026 · Primary source
- Investigating Patient Trust and Intention to Act in AI-Supported Clinical Decisions: Cross-Sectional Survey JMIR · 3 Nov 2026 · Primary source
- Institutional Approval Is Not Public Authorization: Legitimacy as a Governance Requirement for Clinical AI JMIR · 2 Nov 2026 · Primary source
- Are we in danger of outsourcing all of childhood’s learning curves to AI? (The Hindu) · 2 Nov 2026 · Established press
- Triage Advice From General-Purpose Language Models in Health and Everyday Situations medRxiv (Health Informatics) · 2 Nov 2026 · Primary source
- A decision-only model as a low-cost judge of medical AI answers medRxiv (Health Informatics) · 2 Nov 2026 · Primary source
- Comparing Machine Learning Methods for Detecting Caregiver Burden in Transcribed Conversations with Clinicians medRxiv (Health Informatics) · 2 Nov 2026 · Primary source
- Interpretable AI for echocardiography-based early screening of rheumatic heart disease in Ethiopia: a cost-effective strategy to tackle a persistent global health disparity Nature – cardiology subject feed · 2 Nov 2026 · Primary source
- Machine learning classification of prevalent cardiovascular disease in middle-aged and older Chinese adults with circadian syndrome from CHARLS Nature – cardiology subject feed · 2 Nov 2026 · Primary source
- Identification of local nonlinear shear-wave dynamics using Volterra kernels: application to prostate cancer detection IEEE transactions on medical imaging · 2 Nov 2026 · Peer-reviewed
- Fairness in infectious disease modeling Nature Communications · 2 Nov 2026 · Peer-reviewed

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05 AI Finance

- HSBC to open Hong Kong AI and emerging technology institute Finextra · 2 Nov 2026 · Trade press
- Dost launches AskDost to give finance teams their own AI agents Finextra · 2 Nov 2026 · Trade press
- Digital Finance in 2026: How AI, Online Privacy, and Smarter Technology Are Changing Everyday Habits Finextra · 2 Nov 2026 · Trade press
- Financial AI needs a reliable view of the customer Banking Dive · 2 Nov 2026 · Trade press
- Capital needs AI, and AI needs capital - Europe's opportunity for more growth BIS speeches · 2 Nov 2026 · Primary source
- AI adoption in Europe BIS speeches · 2 Nov 2026 · Primary source
- Explainable Financial Fraud Detection Using Graph Neural Networks: A Comparative Study Research Square · 2 Nov 2026 · Preprint
- A Plug-and-Play Explainable AI Framework in Credit Score Assessment Preprints.org · 30 Oct 2026 · Preprint

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06 AI Law & Investigation

- Guest Post: Beyond the Billable Hour — Will AI Finally Make Fixed Fees the Norm? LawSites (LawNext) · 2 Nov 2026 · Trade press
- Will AI Change the Identity of Law Firm Partners? Artificial Lawyer · 2 Nov 2026 · Trade press
- AI-Native Firm Vetta Bids For Weil IP + Lawyers Artificial Lawyer · 2 Nov 2026 · Trade press
- Revealed: From AI to ageing laptops — what junior lawyers really think about their firms' tech Legal Cheek · 2 Nov 2026 · Trade press
- How Specialist AI Agents Support Evidence-Based Arbitrator Selection Artificial Lawyer · 2 Nov 2026 · Trade press
- Police use facial recognition to scan one million faces in WA trial leading to 122 arrests The Guardian (AI) · 2 Nov 2026 · Established press
- 168 reported child deaths in Minab: a possible war crime, artificial intelligence, and the crisis of global accountability Journal of injury & violence research · 2 Nov 2026 · Peer-reviewed
- Damned if you do, negligent if you don't: defensive non-use, evidentiary risk, and the medico-legal double bind of clinical AI reliance AI and Ethics · 2 Nov 2026 · Peer-reviewed

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07 AI Commerce

- Runnings unites forecasting, replenishment with AI Supply Chain Dive · 2 Nov 2026 · Trade press
- Your catalog may already be visible to AI agents. Making it trustworthy is the next step. Retail Dive · 2 Nov 2026 · Trade press
- Gen Z rewrites festive gifting with AI-assisted picks, artisanal hampers and self-gifting (The Economic Times (Times Internet)) · 2 Nov 2026 · Trade press
- Millennials lead AI shopping adoption in India at 84 pc, ahead of Gen Z: McKinsey (The Economic Times (Times Internet)) · 2 Nov 2026 · Trade press
- Fuzzy selective state model for forecasting the dynamics of consumer preferences arXiv (cs.AI) · 30 Oct 2026 · Preprint
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08 AI Journalism

- Can AI Scale Human Fact-Checking? Evidence from Community Notes PsyArXiv · 2 Nov 2026 · Preprint

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- 'Rich assholes stealing our work:' Last chance to share your views on AI in architecture with us Archinect news · 2 Nov 2026 · Trade press
- Construction AI: Here are 5 questions to ask before you buy Construction Dive · 2 Nov 2026 · Trade press
- Project Cost Estimation Based on BIM and Deep Learning Research Square · 2 Nov 2026 · Preprint

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- Comparative assessment of classical, metaheuristic, and AI-based controller design and tuning strategies for VSC applications Nature – engineering subject feed · 2 Nov 2026 · Primary source
- Quality-aware cost minimization for multi-tier LLM routing in heterogeneous data centers Nature – engineering subject feed · 2 Nov 2026 · Primary source
- Reinforcement learning based predefined-time synchronization control for competitive neural networks Nature – engineering subject feed · 2 Nov 2026 · Primary source
- Improving explainability of attention-based deep learning models for thermal analysis systems Nature – engineering subject feed · 2 Nov 2026 · Primary source
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- Large language model-guided graph semantic attribute propagation for zero-shot industrial fault diagnosis Advanced Engineering Informatics · 2 Nov 2026 · Peer-reviewed
- TrustCEUS-GPT: Toward Trustworthy Multimodal Large Language Models for BI-RADS Classification and Explainable Early Breast Malignancy Detection with a Digital Twin-Inspired Synchronization Protocol IEEE Journal of Biomedical and Health Informatics · 2 Nov 2026 · Peer-reviewed

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- Interview with TorqueAGI founder: ‘Most robot AI is a language or vision model with robot data added to it’ Robotics & Automation News · 2 Nov 2026 · Trade press
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- Generalizable Assembly Skill Learning based on View-Invariant Representation for Varied Grasp Pose Robotics and Autonomous Systems · 2 Nov 2026 · Peer-reviewed

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- Ryanair faces clash with unions as it mulls pay freezes amid soaring fuel costs The Guardian (AI) · 2 Nov 2026 · Established press
- Assessing reinforcement learning and vigor with an online decision-making battery bioRxiv (Neuroscience) · 2 Nov 2026 · Preprint
- Bi-Mamba-Load: A bidirectional structured state space model with sequence relationship adaptive perception for electricity load forecasting PloS one · 2 Nov 2026 · Peer-reviewed

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- Two-Stage Self-Supervised Learning for Vision-Based AAV Autonomous Flight in Dynamic Environments IEEE Transactions on Aerospace and Electronic Systems · 2 Nov 2026 · Peer-reviewed
- Mechanistic Interpretability for End-to-End Self-Driving arXiv (cs.RO) · 30 Oct 2026 · Preprint

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- An LLM-Enhanced and Element-Based Knowledge Graph Framework for Process Route Planning in Customized Production of Complex Heavy Equipment Preprints.org · 30 Oct 2026 · Preprint

15–20 People & Life Stages

15 AI Kids

- Parent Comfort With AI-Led Behavioral Therapy JAMA Pediatrics (online first) · 2 Nov 2026 · Primary source
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- AI-Assisted Analysis of Spontaneous Affective Facial Responses for Cognitive Status Assessment in Older Adults: Exploratory Feasibility Study JMIR formative research · 2 Nov 2026 · Peer-reviewed
- Artificial Intelligence-Supported Patient Navigation Addressing Social Drivers of Health among Vulnerable Adults in Family Medicine and Geriatrics Safety-Net Clinics Journal of health care for the poor and underserved · 2 Nov 2026 · Peer-reviewed

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- Over 10 percent of factual claims in Google’s AI search summaries aren’t backed by their cited sources, study finds PsyPost · 2 Nov 2026 · Trade press
- Artificial intelligence and the changing science of empathy Nature – psychology subject feed · 2 Nov 2026 · Primary source
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- U of Kentucky Says Humanist Admin Exempt From AI Inside Higher Ed · 2 Nov 2026 · Established press
- Want Students to Think With AI? Raise the Stakes. EdSurge · 2 Nov 2026 · Trade press
- Use of Large Language Models for Automated Short-Answer Question Grading in Second-Cycle Medical Education: Performance and Consistency Evaluation Study JMIR medical education · 2 Nov 2026 · Peer-reviewed
- Adoption, usage patterns, and perceptions of DeepSeek among medical interns: Evidence from a Chinese Teaching Hospital PloS one · 2 Nov 2026 · Peer-reviewed

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- Kentucky college grants religious accommodation excusing humanist from AI use HR Dive · 3 Nov 2026 · Trade press
- Web host Squarespace lays off 19% of its employees TechCrunch · 3 Nov 2026 · Established press
- AI is changing the workforce faster than jobs can keep up HR Dive · 2 Nov 2026 · Trade press
- 'Habit hugging': How this trend holds back AI transformation HRD/HCA Magazine · 2 Nov 2026 · Trade press
- Generative AI and Employment Concerns Among AI Aware Respondents in Bangladesh Preprints.org · 2 Nov 2026 · Preprint
- AI evaluators favor job applications written by certain AI models, independent of candidate quality arXiv (cs.CY) · 30 Oct 2026 · Preprint

21–29 Culture & Belief

21 AI Spirituality

- The Right to Refuse AI: When Thinking for Yourself Is a Religious Belief Religion News Service · 3 Nov 2026 · Established press
- AI doesn't die — and that makes all the difference National Catholic Reporter · 2 Nov 2026 · Established press
- Do Open Language Models Invent Scripture? BILAL-BENCH: Benchmarking Islamic-Source Fabrication in Bengali arXiv (cs.CL) · 29 Oct 2026 · Preprint

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- Cardi B Tells Students to Pass Exams Without Using AI: ‘Don’t Ask ChatGPT for the Answer’ Billboard · 3 Nov 2026 · Established press
- Alphabet shareholder sues Sundar Pichai and 12 others over training Google’s AI, including Lyria, on copyrighted works Music Business Worldwide · 3 Nov 2026 · Trade press
- Irving Azoff’s Music Artists Coalition joins Cate Blanchett and CAA on AI licensing brief in New York Times’ case against OpenAI Music Business Worldwide · 2 Nov 2026 · Trade press
- Raye, Sam Fender, Garth Brooks… and the bots. Five things to know about the AI arms race in live ticketing Music Business Worldwide · 2 Nov 2026 · Trade press
- UMG, Sony, and DistroKid tell court they are ‘working on a resolution’ in dispute over AI music data for Suno case Music Business Worldwide · 2 Nov 2026 · Trade press
- GEMA on AI: ‘The most important thing is we get an output remuneration’ Music Ally · 2 Nov 2026 · Trade press
- Vickie Nauman talks games (and why AI drones are more worrying than AI tunes) Music Ally · 2 Nov 2026 · Trade press
- When OCR Is Not Enough: Semantic Limits in the Digitization of Historical Computer Music Code Journal on Computing and Cultural Heritage · 2 Nov 2026 · Peer-reviewed
- Tracking the Progress of Generative Models in Artistic Style Imitation Journal on Computing and Cultural Heritage · 2 Nov 2026 · Peer-reviewed

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- Mapping gender, agency, and objectification in Arabic poetry: an ontology-guided computational study Research Square · 2 Nov 2026 · Preprint
- Grounding Political Discourse in the Body: A Computational Approach to Analyzing U.S. Energy Narratives Research Square · 1 Nov 2026 · Preprint

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- Local Trust, Global Growth: A Go-To-Market Playbook for the AI Era MultiLingual · 3 Nov 2026 · Trade press
- Canada’s AI Firm Cohere Tops CAD 35bn Valuation in Latest Fundraising Slator · 2 Nov 2026 · Trade press
- ECB Opens Legal Translation Tender, Restricts AI Translation Slator · 2 Nov 2026 · Trade press
- Performance of Free Web-Based Multimodal Large Language Models on Turkish and English Image-Based Dental Examination Questions Dento maxillo facial radiology · 2 Nov 2026 · Peer-reviewed
- Forecasting future individual-tree growth using explainable machine learning across northern Chinese larch forests Computers and Electronics in Agriculture · 2 Nov 2026 · Peer-reviewed

26 AI Fashion & Beauty

- E.l.f. Brands opts for ‘handcrafted’ stop motion Christmas campaign instead of AI Cosmetics Business · 2 Nov 2026 · Trade press
- Estée Lauder Companies partners with Microsoft to boost AI capabilities Cosmetics Business · 2 Nov 2026 · Trade press
- Exclusive: Croda, Azelis and Brenntag identified as top 3 cosmetic ingredient suppliers in AI search report Cosmetics Business · 2 Nov 2026 · Trade press
- You Can Finally Rent Chanel on Rent the Runway Business of Fashion · 2 Nov 2026 · Established press

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- Large language models for human mobility understanding: A case study of inbound tourist trajectories generation in Japan Transportation Research Part C Emerging Technologies · 2 Nov 2026 · Peer-reviewed
- MILES-Rec: Uncovering Implicit Intents from Mobility Behaviors for Cross-Domain POI Recommendation arXiv (cs.IR) · 30 Oct 2026 · Preprint

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- AI can generate ads in 10 minutes, but can it come up with the big idea? afaqs! (India) · 3 Nov 2026 · Trade press
- Where agency strategists see opportunity as AI challenges their worth Marketing Dive · 2 Nov 2026 · Trade press
- After AI backlash, Svedka challenges consumers to create Super Bowl ad Marketing Dive · 2 Nov 2026 · Trade press
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- AI Labels Don’t Tell Consumers Whether An Ad’s Claims Are Real AdExchanger · 2 Nov 2026 · Trade press
- People Inc. is building custom APIs to make its journalism easier for AI agents to use Digiday · 2 Nov 2026 · Trade press
- Media Buying Briefing: Overheard at Media Buying Summit: How AI is helping and hurting client relations and office work Digiday · 2 Nov 2026 · Trade press
- Google says AI chatbots are hurting its bottom line Social Media Today · 2 Nov 2026 · Trade press

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- The number of game pages doubles on Itch.io as AI games flood the store Game Developer · 3 Nov 2026 · Trade press
- “Instant chat will not draw from your usage”: OpenAI joins ChatGPT and Codex limits in December Mixed (XR/AI) · 2 Nov 2026 · Trade press
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- Anthropic restricts Claude from recreating existing games amid AI cloning concerns PocketGamer.biz · 2 Nov 2026 · Trade press
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- ‘VRChat’ Faces User Backlash After Rejecting ‘AI-Generated’ Content Label Road to VR · 2 Nov 2026 · Trade press
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- Diagnose Distributed AI Workload Failures with NVIDIA Attribution NVIDIA technical blog · 3 Nov 2026 · Company release
- Running Frontier-Class AI Models Across 8 NVIDIA DGX Spark Nodes NVIDIA technical blog · 3 Nov 2026 · Company release
- Build Local AI Apps with C++ and NVIDIA TensorRT RTX Samples NVIDIA technical blog · 3 Nov 2026 · Company release
- Build World Models for Interactive Simulation with NVIDIA Cosmos NVIDIA technical blog · 2 Nov 2026 · Company release
- Regina Barzilay and Jim Collins win Pritzker Prize for AI and Science Research Excellence for work in AI-enabled antibiotic discovery MIT News – AI · 2 Nov 2026 · Primary source
- Genome-anchored foundation model embeddings improve molecular prediction from histology images Nature – machine learning subject feed · 2 Nov 2026 · Primary source
- Broken ergodicity and the violation of the fluctuation-dissipation theorem lead to generalization beyond overfitting in machine learning Physical Review Letters · 2 Nov 2026 · Peer-reviewed
- Improving the Optimization Landscape of Matrix Completion with ε-close Surrogates arXiv (cs.LG) · 30 Oct 2026 · Preprint

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- Google search has gone from being very handy to useless | First Dog on the Moon The Guardian (AI) · 2 Nov 2026 · Established press
- Mapping Dark Matter in Merging Clusters with Weak Lensing for CSST: Morphology and Filament Recovery The Astrophysical Journal · 2 Nov 2026 · Peer-reviewed
- An end-to-end CNN search for ultra-short-period planets in TESS: from the blend ceiling to the independent validation of TOI-6662 b arXiv (astro-ph.EP) · 30 Oct 2026 · Preprint

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- Sentira Brings Claude’s AI to 10x Genomics’ Chromium Platform GEN (Genetic Engineering News) · 2 Nov 2026 · Trade press
- Roadmap for inferring metabolic regulation using multiomics, machine learning, and genome-scale modeling Nature – biotechnology subject feed · 2 Nov 2026 · Primary source
- Genome-anchored foundation model embeddings improve molecular prediction from histology images Nature Communications · 2 Nov 2026 · Peer-reviewed
- Reconstructing the single-cell spatiotemporal dynamics of glioblastoma invasion Nature Communications · 2 Nov 2026 · Peer-reviewed

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- Functional readouts of neural organoids Nature – neuroscience subject feed · 2 Nov 2026 · Primary source
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- China Bets on Renewable Energy to Gain an AI Edge Inside Climate News · 2 Nov 2026 · Established press
- Comparing watershed-based spatial units and administrative boundaries for malaria prediction in the Peruvian Amazon PLOS global public health · 2 Nov 2026 · Peer-reviewed
- Multiscale adaptive graph attention band selection for hyperspectral rosewood species classification Analytica chimica acta · 6 Oct 2026 · Peer-reviewed

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- FAU Researchers Test Quantum Machine Learning for Lung Cancer Prediction The Quantum Insider · 2 Nov 2026 · Trade press
- Physics-Based AI-Augmented Workflows Discovering Candidate Graphene Quantum Dot Near-Infrared Chromophores Journal of computational chemistry · 2 Nov 2026 · Peer-reviewed
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36–41 AI Tech Stack

36 AI Semiconductors

- Marvell Proposes Acquiring Lumentum to Combine Optical Circuit Switching with AI Connectivity Silicon ServeTheHome · 3 Nov 2026 · Trade press
- AI Image Enhancement Improves Detection Of Flip-Chip Interconnect Defects (MCL, PVA TePla, ASE) Semiconductor Engineering · 3 Nov 2026 · Trade press
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- RTL-Interact: Training EDA-Interactive Models for Multi-Task RTL Design arXiv (cs.AI) · 30 Oct 2026 · Preprint

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- AI must move beyond intelligence to offer wiser, ethical advice: Experts at IIT Ropar Mint – technology · 2 Nov 2026 · Established press
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- Below the Waterline: Why AI’s True Cost Is Measured Per Task, Not Per Token SD Times · 3 Nov 2026 · Trade press
- Developers are downgrading their AI on purpose — and it’s working The New Stack · 3 Nov 2026 · Trade press
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- AWS Weekly Roundup: GPT-6.1 Terra on Bedrock, Step Functions as agent tools, and more (November 2, 2026) AWS News blog · 2 Nov 2026 · Company release
- What Google Cloud announced in AI this month Google Cloud blog · 2 Nov 2026 · Company release
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- Marvell buys Lumentum in $115B AI networking power play Fierce Network · 2 Nov 2026 · Trade press
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- Nokia quickie with Marvell at VMO2 shows AI-RAN needs no Nvidia Light Reading · 2 Nov 2026 · Trade press
- LLM-enabled Antenna Partitioning and Beamforming Optimization for Segmented Pinching Antenna assisted ISAC Systems IEEE Transactions on Wireless Communications · 2 Nov 2026 · Peer-reviewed
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- AI data centers are on the ballot in 10 states tomorrow — here's what's at stake for your community Tom's Guide · 3 Nov 2026 · Established press
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- How AI training models could compromise privacy (The Hindu) · 3 Nov 2026 · Established press
- Microsoft's AI Risk Report Misses This Key Detail Dark Reading · 2 Nov 2026 · Trade press
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