Journal of the AI Universe

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- Evaluating deep and machine learning models for irrigation prescription: Insights from aggregated and non-aggregated data Artificial Intelligence in Agriculture · 31 Oct 2026 · Peer-reviewed

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- GE HealthCare debuts Allia Celeo, a ceiling-mounted interventional system designed for smooth procedural flow and AI-powered precision imaging Business Wire (Health) · 1 Nov 2026 · Company release
- Machine Learning Classification of Bipolar Disorder Across Mood States Using Natural Language Processing and Speech Analysis: Observational Study JMIR · 1 Nov 2026 · Primary source
- Professional Hockey and Women’s Basketball teams begin using Xenco Medical’s XenVision AI Platform to Track Athletes all Season Long Becker's Hospital Review · 1 Nov 2026 · Trade press
- Evaluation of an Echocardiography-Based Artificial Intelligence Algorithm for Early HFpEF Detection: A HeartShare/AMP-HF Cohort Study JACC. Heart failure · 29 Oct 2026 · Peer-reviewed
- Digital pathological classification of peripheral neuroblastic tumors across multi-continent cohorts bioRxiv (Pathology) · 31 Oct 2026 · Preprint

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05 AI Finance

- Artificial Intelligence Applications, Regulatory Technology, and Financial Fraud Finance Research Letters · 1 Nov 2026 · Peer-reviewed

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10 AI Engineering

- Design and implementation of an industrial software cloud platform integrating knowledge graphs and large language models Nature – engineering subject feed · 1 Nov 2026 · Primary source
- An AI–IoT enabled upgraded industries framework for sustainable business operations and intelligent decision management Nature – engineering subject feed · 1 Nov 2026 · Primary source
- A lightweight multi-task transformer for joint classification and priority ranking of community service requests on edge devices Nature – engineering subject feed · 1 Nov 2026 · Primary source
- Fresh and mechanical properties of hemp fiber-reinforced concrete: an experimental dosage study with multi-output artificial neural network modelling of mechanical strength Nature – engineering subject feed · 1 Nov 2026 · Primary source
- Lyapunov-based adaptive path tracking control of wheeled mobile robots using a self-organizing recurrent Gaussian-gating functional-link fuzzy neural network Nature – engineering subject feed · 1 Nov 2026 · Primary source
- TIP-INN: A thermodynamics-informed machine learning framework for the mechanical behavior of rocks PNAS nexus · 9 Oct 2026 · Peer-reviewed
- Physics-informed neural network for three-dimensional ionospheric electron density modeling ESS Open Archive · 1 Nov 2026 · Preprint

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- 28 Zero-Day Findings in Less Than Two Days: What AI-Speed Discovery Means for Robotics Robotics Business Review · 1 Nov 2026 · Trade press
- Why physical AI is the next lucrative frontier Robotics Business Review · 1 Nov 2026 · Trade press
- PRODUCTIVE ROBOTICS ADDS PHYSICAL AI TO MILL TENDING 7-AXIS COBOT Robotics Tomorrow · 1 Nov 2026 · Trade press
- Robust trajectory tracking for low-altitude logistics UAVs under spatiotemporal disturbances: A decoupled representation reinforcement learning approach Transportation Research Part C Emerging Technologies · 1 Nov 2026 · Peer-reviewed

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- Intelligent Polymer Electrolytes for Next-Generation Zinc-Based Energy Storage Devices Advanced science (Weinheim, Baden-Wurttemberg, Germany) · 31 Oct 2026 · Peer-reviewed

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- A Bibliometric Mapping of Airport Security: Research Trends, Thematic Structure, and Practical Implications Research Square · 1 Nov 2026 · Preprint

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- India-Brazil bilateral trade set to reach $20 bn with focus on critical minerals, AI, defence: Envoy (The Economic Times (Times Internet)) · 31 Oct 2026 · Trade press
- Governing AI infrastructure through conditionality: Australia's emerging AI–industrial strategy and the Future Made in Australia agenda Telecommunications Policy · 31 Oct 2026 · Peer-reviewed

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- Artificial intelligence-enabled nursing surveillance for pediatric cancer immunotherapy: integrating biomarkers, patient-reported outcomes, and long-term toxicity management Frontiers in medicine · 16 Oct 2026 · Peer-reviewed
- Decreasing uncertainty: using artificial intelligence to predict bacteremia and antibiotic need in sepsis in pediatric emergency patients Pediatric research · 31 Oct 2026 · Peer-reviewed

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- A Multidomain Model for Dementia Classification using Harmonized LASI and LASI-DAD Data medRxiv (Public And Global Health) · 1 Nov 2026 · Preprint
- Comparison of the effects of artificial intelligence, virtual reality, and traditional balance training programs on balance and gait in older adults Disability and rehabilitation. Assistive technology · 31 Oct 2026 · Peer-reviewed

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- Machine Learning Classification of Bipolar Disorder Across Mood States Using Natural Language Processing and Speech Analysis: Observational Study Journal of medical Internet research · 1 Nov 2026 · Peer-reviewed
- Modeling the Psychosocial Determinants of Problematic Social Media Use Risk Among High School Students Using Artificial Neural Networks Research Square · 1 Nov 2026 · Preprint

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- The Right Choice | MBA with AI vs general MBA: Which holds greater career potential? Indian Express education · 1 Nov 2026 · Established press
- The Effect of Using ChatGPT on Nursing Students' Learning and Satisfaction in a Flipped Physiology Classroom Advances in medical education and practice · 27 Oct 2026 · Peer-reviewed
- Artificial Intelligence Literacy Among Students in Health-Related Academic Programs at Tabriz University of Medical Sciences: A Multidimensional Assessment Advances in medical education and practice · 27 Oct 2026 · Peer-reviewed

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- A scoping review evaluating artificial intelligence applications across various injury prevention domains Injury · 27 Oct 2026 · Peer-reviewed

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- When voices can be cloned: vocal identity threat and occupational self-efficacy among singers in the era of generative AI audio Frontiers in psychology · 16 Oct 2026 · Peer-reviewed

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- Breathing life into activation functions: the SWIn framework for sustained nonlinearity Neural networks the official journal of the International Neural Network Society · 28 Oct 2026 · Peer-reviewed
- A dual-branch Swin Transformer fusion method for fine-grained classification of ancient Chinese jewelry Research Square · 1 Nov 2026 · Preprint

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- “Opening the shared link was the only required action”: ChatGPT privacy flaw is fixed Mixed (XR/AI) · 2 Nov 2026 · Trade press
- “The reduction … is canceled”: OpenAI reverses its ChatGPT Pro 200 usage cut Mixed (XR/AI) · 1 Nov 2026 · Trade press

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- Rapid estimation of photon measurement density functions using a deep convolutional neural network for functional near-infrared spectroscopy Neuroimage. Reports · 24 Oct 2026 · Peer-reviewed
- Computation or Weight Adaptation? Rethinking the Role of Plasticity in Learning Cognitive science · 31 Oct 2026 · Peer-reviewed

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- Interpreting optical-biogeochemical associations underlying satellite nitrate retrieval in coastal waters using Explainable AI Environmental research · 31 Oct 2026 · Peer-reviewed

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- Integrating Immunogenetics, Single-Cell Transcriptomics, and AI-Assisted Drug Discovery Reveals CXCL10-Associated Immune Remodelling in Breast Cancer International journal of immunogenetics · 31 Oct 2026 · Peer-reviewed
- Exploring the role and mechanism of methionine metabolism in chronic rhinosinusitis with nasal polyps based on bioinformatics analysis Brazilian journal of otorhinolaryngology · 31 Oct 2026 · Peer-reviewed

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- A technical review of dynamic brain functional imaging combined with EEG spectral parameters in the screening of early-stage brain injury Frontiers in medical technology · 16 Oct 2026 · Peer-reviewed
- Enhanced P300-based brain-computer interface decoding via region-weighted multiscale temporal-spatial representation learning method Neural networks the official journal of the International Neural Network Society · 14 Oct 2026 · Peer-reviewed

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- Artificial intelligence annotations capture ecological patterns in sponge-dominated temperate mesophotic ecosystems Marine environmental research · 28 Oct 2026 · Peer-reviewed

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- Brazilian lawyers busted for attempting to manipulate court's AI with prompt injection hidden in filing Tom's Hardware · 1 Nov 2026 · Established press
- Open-source USB tool unlocks Nvidia's half-speed GPU AI limiter on Windows Tom's Hardware · 1 Nov 2026 · Established press
- AI agent swarms unleashed in Minecraft to 'build a thriving civilization' Tom's Hardware · 1 Nov 2026 · Established press
- AI Writes The Code, You Own The Outcome Electronics For You (EFY, India) · 1 Nov 2026 · Trade press
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- Empathetic prompts can turn AI chatbots into seemingly traumatized conversational partners The Decoder · 1 Nov 2026 · Trade press
- Chinese AI models are politically complex, not just government mouthpieces, study finds The Decoder · 1 Nov 2026 · Trade press
- OpenAI is steering ChatGPT users toward more paid usage The Decoder · 1 Nov 2026 · Trade press
- Google wants video AI to understand what people need as they work The Decoder · 1 Nov 2026 · Trade press
- OpenAI's upcoming chat-and-work merger in ChatGPT signals the end of all-you-can-prompt pricing The Decoder · 1 Nov 2026 · Trade press
- Millennials lead AI shopping adoption in India at 84%, ahead of Gen Z: McKinsey Mint – technology · 1 Nov 2026 · Established press
- How a new standard could make it easier for publishers to opt out of AI training Indian Express – technology · 1 Nov 2026 · Established press
- In San Francisco's AI boom, a first date has become an interview Indian Express – technology · 1 Nov 2026 · Established press
- Beyond prompting: An LLM-driven workflow for code clone refactoring Information and Software Technology · 31 Oct 2026 · Peer-reviewed
- Toward cognitive design intelligence: a mixed-methods systematic review and an evidence-informed representation-reasoning-synthesis framework for complex product design in the era of foundation models Advanced Engineering Informatics · 1 Nov 2026 · Peer-reviewed

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- Open-source security in the AI exploit era: Patch without changing a thing The New Stack · 1 Nov 2026 · Trade press

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- OpenAI might rebrand its data centers as 'AI compute campuses' TechCrunch · 2 Nov 2026 · Established press
- National Grid to site biggest substation in UK near planned Teesside datacentre The Guardian (AI) · 2 Nov 2026 · Established press

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- A few tech leaders are rebranding AI as 'superintelligence' — calling it that doesn't make it accurate Tom's Guide · 1 Nov 2026 · Established press
- New to ChatGPT? Here's how to learn in 15 minutes — this lesson plan could even work for your parents Tom's Guide · 1 Nov 2026 · Established press

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- Quanshium AI Core develops indigenous quantum-secure drone technology Business Standard – technology · 1 Nov 2026 · Established press

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- Americans' views about artificial intelligence in healthcare: 2022-2026 Health affairs scholar · 30 Oct 2026 · Peer-reviewed
- From Enterprise Institutional Documents to Editable Process Models: A Hybrid LLM-Rule-Engine Architecture for Enterprise Governance Research Square · 1 Nov 2026 · Preprint

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- VOICE, POWER, AND AGENTIC AI: WOMEN'S STRATEGIC AGENCY IN IDENTITY-DIVERSE DECISION ENVIRONMENTS IN THE GLOBAL SOUTH SocArXiv · 1 Nov 2026 · Preprint

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- Cyberattack by Rogue AI Swarm Stokes Fears of Out-of-Control Agents AI Incident Database blog · 31 Oct 2026 · Trade press
- When human narratives meet artificial intelligence: exploring a framework for AI ethics Ethics and Information Technology · 1 Nov 2026 · Peer-reviewed
- Intelligent recognition of frying degree in Sanguisorbae Radix Carbonisata based on spectrophotometer, E-nose and NIRS technology combined with machine learning and data fusion strategy Journal of pharmaceutical and biomedical analysis · 27 Oct 2026 · Peer-reviewed

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- Health, sustainability, AI: test your business creativity with Edition 256 of our weekly quiz! YourStory (India) · 1 Nov 2026 · Trade press
- How voice AI is transforming banking and insurance: Desible.ai founders on the business behind the technology YourStory (India) · 1 Nov 2026 · Trade press
- The Impact of AI Investment on Organizational Inertia in Enterprises Finance Research Letters · 1 Nov 2026 · Peer-reviewed

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50 AI Future Frontiers

- Google's Suncatcher satellite runs AI in orbit and sends a haiku home The Next Web · 1 Nov 2026 · Trade press
- Chatbots Are Leading Hikers Astray, With Dangerous Consequences WIRED science · 1 Nov 2026 · Established press
- UK watchdog opens an investigation into Meta's AI terms for publishers The Next Web · 1 Nov 2026 · Trade press
- Neurodynamical heterogeneous spiking neural network for spatiotemporal cognitive signal processing Cognitive neurodynamics · 29 Oct 2026 · Peer-reviewed

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