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In fusion, collaboration is both a necessity and an opportunity

<https://www.nature.com/articles/s42254-024-00746-9>

AI and Innovation Pioneering the Future of Urban Air Mobility

<https://www.financialexpress.com/business/express-mobility-ai-and-innovation-pioneering-the-future-of-urban-air-mobility-3586112/>

DOE Awards \$4.6m for Fusion Research

<https://www.world-energy.org/article/44148.html>

Why fusion research benefits from astrophysics

https://www.ipp.mpg.de/5442065/astro_jenko

More durable metals for fusion power reactors

<https://news.mit.edu/2024/more-durable-metals-fusion-power-reactors-0819>

UK initiative targets fusion skills and future workforce

<https://www.world-nuclear-news.org/Articles/UK-initiative-targets%C2%A0fusion-skills-and-future-wor>

Opinion The world-changing ‘killer app’ for AI could be nuclear fusion

<https://www.washingtonpost.com/opinions/2024/08/20/artificial-intelligence-nuclear-fusion-research/>

Superconducting Wire Sets New Current Capacity Record

<https://spectrum.ieee.org/high-temperature-superconductor-current-capacity>

Teenager’s school project achieves plasma

<https://www.ans.org/news/article-6304/teenagers-school-project-achieves-plasma/>

Strength of US High-Magnetic-Field Science is Waning, Academies Report Warns

<https://ww2.aip.org/fyi/strength-of-us-high-magnetic-field-science-is-waning-academies-report-warns>

Primordial black holes are too scarce to explain dark matter

<https://www.nature.com/articles/d41586-024-02526-y>

Channeling Lightning Energy Into Space: New “Whistler” Wave Transforms Our Understanding of Earth’s Magnetosphere

<https://scitechdaily.com/channeling-lightning-energy-into-space-new-whistler-wave-transforms-our-understanding-of-earths-magnetosphere/>

Recent Peer-Reviewed Articles of Interest

Fusion decommissioning and regulation (UK-STEP perspectives)

<https://iopscience.iop.org/article/10.1088/1741-4326/ad569f>

DIII-D research to provide solutions for ITER and fusion energy

<https://iopscience.iop.org/article/10.1088/1741-4326/ad2fe9>

Radiative plasma simulations of black hole accretion flow coronae in the hard and soft states

<https://www.nature.com/articles/s41467-024-51257-1>

Microstructural investigation of Au ion-irradiated Eu-doped LaPO₄ ceramics and single crystals

<https://www.nature.com/articles/s41529-024-00504-3>

Helium plasma operations on ASDEX Upgrade and JET in support of the non-nuclear phases of ITER

<https://iopscience.iop.org/article/10.1088/1741-4326/ad6335/meta>

Study on human brain protection from electromagnetic radiation of mobile phone by plasma

<https://pubs.aip.org/aip/pop/article/31/8/083517/3309140/Study-on-human-brain-protection-from>